# CATALOG 2012-2013 Academic Programs



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## Courses Approved For General Education

The following courses approved for the purposes of general education at Bergen Community College are regarded as general education courses at many, but not all, other colleges and universities in New Jersey and other states. To determine which of the following courses will meet general education requirements at New Jersey colleges or universities, see NJ Transfer (www.njtransfer.org). Students interested in transferring to outof-state schools should consult the catalogs and websites of those institutions.

The development of critical thinking and writing skills is essential to a student's success in the Bergen Community College General Education Program. Therefore, the College's general education courses provide students with the opportunity to develop these skills through a variety of appropriate critical thinking and writing assignments.

Students are advised to review the specific general education requirements in their respective programs of study.

		LIT227	Intro to Poetry			POL104	State and Local Govt.
I. CO	MMUNICATION	LIT228	Women in Literature		CHNOLOGICAL	POL104	Introduction to Politics
COM100	Speech Communication	B4111 0 6 0	DID AND DELIGION	C	OMPETENCY	551/51101	0.57
COM102	Public Speaking	PHILOSO PHR100	PHY AND RELIGION Reasoning	INF101	Intro to Information Tech	PSYCHOL PSY101	.OGY General Psychology
WRT101	English Composition I	PHR101	Introduction to Philosophy			PSY106	Developmental Psych
WRT201	English Composition II	PHR102	Contemporary Moral Issues	V. M.	ATHEMATICS	PSY201	Child Psychology
WRT202	Technical Writing	PHR103	Basic Logic	144T120	Court our annual Mach amartine	131201	critical sychology
	(for AAS degree programs only)	PHR106	Eastern Philosophy	MAT130 MAT150	Contemporary Mathematics Statistics I	SOCIOLO	GY
וו כמ	MPUTER SCIENCE	PHR107	Intro to the Philosophy of Art	MAT1S5	Finite Mathematics	SOC101	Sociology
11. 00	III OTEN SCIENCE	PHR110	Intro to Ethical Theory	MAT180	Pre-calculus	SOC103	Soc of the Family
CI5158	Intro to Computer Science	PHR111	Social & Political Philosophy	MAT223	Calculus for Managerial	SOC113	Social Problems
CIS165	Fundamentals of	PHR120	Introduction to Religion	1417 (1722)	and Social Sciences	SOC120	Soc of Gender Roles
	Programming	PHR121	Religions of the World	MAT250	Statistics II	SOC222	Ethnic and Minority
шш	JMANITIES			MAT280	Calculus I		Group Relations
III. IT	DIVIAINITIES		LANGUAGES AND	MAT281	Calculus II	VIII D	VEDCITY COLIDEES
ARTS AN	D MEDIA	CULTURE		MAT282	Calculus III	VIII. D	IVERSITY COURSES
ART101	Introduction to Art and	LAN170 LAN270	American Sign Lang I American Sign Lang II	3.01. 3.1	ATLIBAL CCITACEC	ANTHROI	POLOGY
	Visual Culture	LAN270	Intermed Amer Sign Lang I	VI. N.	ATURAL SCIENCES	ANT100	Intro to Anthropology
ART102	History of Art and Visual	LAN271	Intermed Amer Sign Lang II	BIOLOGY	/	ANT101	Cultural Anthropology
	Culture to 1400	LAN115	Arabic I				
ART103	History of Art and Visual	LAN255	Arabic II	BIO101 BIO103	General Biology I* The Human Body*	ARTS and	
	Culture, 1400 to 1900	LAN 256	Intermediate Arabic I	BIO103	Microbiology*	CIN160	Women in Cinema
ART104	Modern Art, 1890-1940	LAN 257	Intermediate Arabic II	BIO107	Intro to Human Biology*		
ART107	History of Photography	LAN116	Chinese (Mandarin) I	BIO108	Intro to Frankair Bloody Intro to Environmental Bio*	COMMUN	
ART110	Contemporary Art since 1940	LAN276	Chinese (Mandarin) II	BIO109	Anat & Physio I*†	COM114	Intercultural Communication
MUS101	Music Appreciation	LAN277	Intermed Chinese (Mandarin) I	BIO209	Anat & Physio II*†		
MUS107	Music History I	LAN278	Intermed Chinese (Mandarin) II	BIO130	People-Plant Relations	GEOGRAI	
MUS108	Music History II	LAN110	French I	BIO131	General Botany*	GEO101	World Geography
	109 History of Musical Theatre	LAN200	French II	BIO203	General Biology II*	GEO102	Human Geography
MU5110	Music, Art, and Drama	LAN201	Intermediate French 1	010203	deneral biology ii	III STADY	
THR 101	Introduction to Theatre	LAN202	Intermediate French II	CHEMIST	rry	HISTORY	Adams on the Utanoms
IHK/CIN I	40 Introduction to Cinema	LAN203	French Conversation	CHM100		HIS105	Women in History
HISTORY		LAN111	German I	CHM102	,	HIS116	Women in American
HIS101	History of Western Civ to	LAN210	German II	CHM112		LIC101	History
	the Reformation	LAN211	Intermediate German I	CHM140	Gen Chem I*	HIS121 HIS126	Modern Asian History Modern African History
HIS102	History of Western Civ	LAN212	Intermediate German II	CHM141	Gen Chem I-Lab*	HIS130	Latin American History
	since the Reformation	LAN213	German Conversation	CHM240	General Chem II*	1113130	to Independence
HIS105	Women in History	LAN180	Hebrew I	CHM241	General Chem II-Lab*	HIS131	Latin American History
HIS106	History of Modern Europe	LAN280	Hebrew II			(11313)	since Independence
	to the French Revolution	LAN144	Irish I	PHYSICS	& PHYSICAL SCIENCES		3. rec macpendence
HIS107	History of Mod Europe since	LAN244	Irish II	PHY100	Energy and Society	LITERATU	IRE
	the French Revolution	LAN245	Intermediate Irish	PHY111	Astronomy*	LIT203	World Lit to 1650
HIS111	US History to Reconstruction	LAN112	Italian I	PHY112	Climatology*	LIT204	World Lit, 1650-Present
HIS112	US History since Reconstruction	LAN220	Italian II	PHY113	Geology*	LIT215	Black Literary Voice in
HIS113	History of 20th Century	LAN221	Intermediate Italian I	PHY114	Meteorology		America
	US to World War II	LAN222 LAN223	Intermediate Italian II Italian Conversation	PHY185	Intro to Physics*	LIT218	American Ethnic Lit
HIS114	History of 20th Century	LAN120	Japanese I	PHY186	General Physics I*	LIT223	Contemporary Latin
1115116	US since World War II	LAN260	Japanese II	PHY280	Physics I*		American Literature
HIS116	Women in American	LAN261	Intermediate Japanese I	PHY286	General Physics II*	LIT224	Topics in Internati Lit
LUCIDI	History	LAN262	Intermediate Japanese II	PHY290	Physics II*	LIT228	Women in Literature
HIS121 HIS126	Modern Asian History	LAN165	Korean I	PHY291	Physics III*		
HIS130	Modern African History	LAN265	Korean II	VII S	OCIAL SCIENCES		PHY and RELIGION
LI2130	Latin American History to	LAN266	Intermediate Korean I	VIII. 3	OCIAL SCIENCES		Eastern Philosophy
HIS131	Independence Latin American History	LAN119	Latin I	ANTHRO	POLOGY	PHR121	Religions of the World
1113131	since Independence	LAN289	Latin II	ANT100	Intro to Anthropology	PHR122	Women and Religion
	since independence	LAN114	Russian I	ANT101	Cultural Anthropology	PHR124	Christian Scriptures
LITERATI	JRE	LAN240	Russian II	71111101	contoral / with ropology	PHR125	Hebrew Scriptures
LIT201	American Lit to 1880	LAN241	Intermediate Russian I	ECONON	NICS	PHR126	Islamic Scriptures
LIT202	American Lit, 1880-Pres	LAN242	Intermediate Russian II	ECO101	Macroeconomics	DEVELLE	OCY
LIT203	World Lit to 1650	LAN113	Spanish I	ECO201	Microeconomics	PSYCHOL	
LIT204	World Lit, 1650-Present	LAN230	Spanish II	•		PSY110	Psychology of Sexuality
LIT205	English Lit to 1800	LAN231	Intermediate Spanish I	GEOGRA	PHY	PSY123	Cross-Cultural Psychology
L1T206	English Lit, 1800-Pres	LAN232	Intermediate Spanish II	GEO101	World Geography	PSY207	Psychology of Women
LIT21S	Black Literary Voice in	LAN233	Spanish Conversation	GEO102	Human Geography	PSY210	Social Psychology
	America	LAN228	Elementary Spanish for		2 -6-9	COCIOLO	cv
LIT216	European Lit to 1650		Heritage Speakers	POLITIC/	AL SCIENCE	SOCIOLO	Soc of Gender Roles
LIT217	European Lit, 1650-Pres	LAN229	Intermediate Spanish for	POL101	American Government	SOC120 SOC121	Changing Roles of Women
LIT218	American Ethnic Lit		Heritage Speakers	POL102	International Relations	50C121	Ethnic and Minority

<sup>\*</sup> Lab Science Elective. To receive full genied credit for CHM140, a student must also take CHM141, and for CHM240, a student must also take CHM241.

LIT221

LIT226

Intro to the Novel

Shakespeare

POL103

Mod Political Ideologies

Ethnic and Minority

**Group Relations** 

<sup>†</sup> Some colleges may require both BIO109 and BIO209 before transfer credit is awarded.

#### AA Degree Program(s) in Liberal Arts

#### Curriculum Requirements

Program: Liberal Arts - General Curriculum

Degree: Associate in Arts

Code: AA.LA.GEN

Communication		WRT101 English Composition I (3 cr.)
	9	WRT201 English Composition II (3 cr.) COM100 Speech Communication (3 cr.) or COM102 Public Speaking (3 cr.)
History	6	Two general education courses (6 cr.) in History (HIS)
Humanities	9	Three general education courses (9 cr.) to be selected from the following fields, with no more than two courses (6 cr.) in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]) Literature (LIT) Philosophy and Religion (PHR) World Languages and Cultures (LAN)
Social Sciences	6	Two general education courses (6 cr.) to be selected from the following fields, with no more than one course (3 cr.) in any one field:  Economics (ECO)  Geography (GEO)  Political Science (POL)  Psychology (PSY)  Sociology (SOC) and Anthropology (ANT)
Mathematics, Natural Sciences, and Technology	12-14	One 4-cr. general education course in Mathematics (MAT); or two 3-cr. general education courses in Mathematics (MAT); or one 3-cr. general education course in Mathematics (MAT) and one 3-cr. general education course in either Computer Science (CIS) or Information Technology (INF Two general education courses (8 cr.) to be selected from the following fields: Biology (BIO) Chemistry (CHM) Physics (PHY)
Diversity Requirement*	3	In completing the BCC General Education Program, a student must take and pass one 3-credit course in gender studies, non-Western history or thought, and/or cultural diversity.  Choose from the list of Diversity Courses on the General Education course list — see page 1, above.
Total GE Credits:	45-47	
AA/LA Program and Program Support Requirements	15	Two or three courses (6-9 cr.) to be selected from the following fields: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]) History (HIS) Literature (LIT) Philosophy and Religion (PHR) World Languages and Cultures (LAN)  Two or three courses (6-9 cr.) to be selected from the following fields: Economics (ECO) Geography (GEO) Political Science (POL) Psychology (PSY)
Eroo Floativos	2.6	Sociology (SOC) and Anthropology (ANT)
Free Electives	2-6 64-66	Programs can make recommendations in footnotes.

<sup>\*</sup>Selection of a Diversity Course in History will not reduce the 6-credit Foundation Requirement in History - in that event, the student will end up with a total of 9 Foundation credits in History; selection of a Diversity Course in Humanities will not reduce the 9-credit Foundation requirement in Humanities - in that event, the student will end up with a total of 12 Foundation credits in the Humanities; and selection of a Diversity course in the Social Sciences will not reduce the 6credit Foundation Requirement in Social Sciences - in that event, the student will end up with a total of 9 Foundation credits in the Social Sciences. In any event, s/he must meet the total Foundation requirement of 45-47 credits.

Program: Liberal Arts - General Curriculum Degree: Associate in Arts Code: AA.LA.GEN **GENERAL EDUCATION REQUIREMENTS** 45-47 Communication 9 COM... COM100 Speech Communication or 3 COM102 Public Speaking WRT101 English Composition I 3 WRT201 English Composition II 3 History Electives\* 6 **Humanities Electives\*\*** 9 Three general education courses selected from the following fields, with no more than two courses in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). Social Science Electives\* 6 Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). Mathematics, Natural Sciences, & Technology 12-14 Mathematics\* 3-4 Mathematics or Computer Science or Information Technology\* 0-3 Natural Science Electives\* 8 **Diversity Elective\*** 3 PROGRAM REQUIREMENTS 15 Two or three courses (6-9 cr.) to be selected from the following fields: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). Two or three courses (6-9 cr.) to be selected from the following fields: Economics (ECO); Geography (GEO);

#### RECOMMENDED SEMESTER SEQUENCE

First Sen	nester	
HIS	History Elective*	3
	Humanities Elective**	3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication	3

	Harrianings Elective	
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
		15-16

Second Se	emester	
HIS	History Elective*	3
	Humanities Elective**	3
MAT/CIS/	Mathematics or Computer Science of	or
INF	Information Technology Elective*†	3-4
	or	
	Free Elective†	3
WRT201	English Composition II	3
	Social Science Elective*	3_
	Diversity Elective*	3
		18-19

#### Third Semester

 Humanities Elective**	3
 Humanities Elective	3
 Natural Science Elective*	4
 Social Science Elective*	3
 Social Science Elective	3
	16

#### Fourth Semester

	Humanities Elective	3
*****	Natural Science Elective*	4
	Social Science Elective	3
	Humanities or Social Science	3
	Elective	
	Free Elective‡	2-4
		15-17

#### **FREE ELECTIVES**

2-6

#### **TOTAL CREDITS**

64-66

#### Specific Program Notes

and Anthropology (ANT).

\*General Education Elective(s) - see page 1.

Political Science (POL); Psychology (PSY); Sociology (SOC)

\*\*General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) - see page 1.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then sine is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Recommended, IST123 Success 101.

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2-4

15-17

18-19

Degree: Associate in Arts Code: AA.LA.CINST **GENERAL EDUCATION REQUIREMENTS** 45-47 RECOMMENDED SEMESTER SEQUENCE Communication 9 First Semester COM... COM100 Speech Communication or 3 CIN140 introduction to Cinema COM102 Public Speaking HIS... History Elective\* WRT101 English Composition I 3 MAT... Mathematics Elective\*† WRT201 English Composition II 3 COM... COM100 Speech Communication or COM102 Public Speaking **WRT101 History Electives\*** 6 English Composition 1 **Humanities Electives\*\*** 9 CIN140 Introduction to Cinema **Second Semester** 3 General Education Humanities course (but not in Special Topics in Cinema I 3 CIN150 History [HIS]).\*\* Humanities Elective\*\* MAT/CIS/ General Education Humanities course (but not in 3 Mathematics or Computer Science or History [HIS] & not in the Arts [ART, MUS, THR, CIN)].\*\*\* INF... Information Technology Elective\*† Social Science Electives\* Free Elective† 6 WRT201 Two general education courses selected from the following **English Composition II** fields, with no more than one course in any one field: Social Science Elective\* ..... Diversity Elective\* Economics (ECO); Geography (GEO); Political Science (POL); ..... Psychology (PSY); Sociology (SOC) and Anthropology (ANT). Mathematics, Natural Sciences, & Technology 12-14 Third Semester History Elective\* Mathematics\* 3-4 HIS .. Mathematics or Computer Science or Information Technology\* 0-3 CIN... CIN160 Women in Cinema Natural Science Electives\* 8 or CIN170 American Cinema Natural Science Elective\* . . . . . . **Diversity Elective\*** 3 Social Science Elective\* Social Science Elective . . . . . . PROGRAM REQUIREMENTS 15 CIN150 Special Topics in Cinema I 3 CIN120 Special Topics in Cinema II 3 **Fourth Semester** CIN160 Women in Cinema or CIN170 American Cinema Special Topics in Cinema II 3 CIN150 Natural Science Elective\* Social Science Electives 6 Social Science Elective Two courses (6-9 cr.) to be selected from the Humanities Elective\*\*\* ..... following fields: Economics (ECO): Geography (GEO): Free Elective‡ Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). **FREE ELECTIVES** 2-6

#### **Specific Program Notes**

**TOTAL CREDITS** 

\*General Education Elective(s) - see page 1.

Program: Liberal Arts - Cinema Studies Option

\*\*General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

64-66

\*\*\*General Education Electives in Literature (LIT), Philosophy & Religion (PHR), or World Languages & Cultures (LAN) – see page 1. †If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Recommended: IST123 Success 101.

Degree: Associate in Arts Code: AA.LA.COMM **GENERAL EDUCATION REQUIREMENTS** 45-47 Communication q COM... COM100 Speech Communication or 3 COM102 Public Speaking WRT101 English Composition I 3 WRT201 English Composition II 3 History Electives\* 6 **Humanities Electives\*\*** Three general education courses selected from the following fields, with no more than two courses in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). Social Science Electives\* 6 Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). Mathematics, Natural Sciences, & Technology 12-14 Mathematics\* 3-4 Mathematics or Computer Science or Information Technology\* 0 - 3Natural Science Electives\* 8 **Diversity Course** 3 COM114 Intercultural Communication 3 PROGRAM REQUIREMENTS 15 Two Communication (COM) courses (6 cr.).\*\*\* 6 · One or two courses (3-6 cr.) to be selected from 3-6 the following fields: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); Languages and Cultures (LAN). · One or two courses (3-6 cr.) to be selected from 3-6 the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). **FREE ELECTIVES** 2-6

Program: Liberal Arts - Communication Option

#### **RECOMMENDED SEMESTER SEQUENCE**

First Sem		
HIS	History Elective*	_ 3
	Humanities Elective**	3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication or COM102 Public Speaking	3
WRT101	English Composition I	3
		15-16

Second Se	emester	
HIS	History Elective*	3
	Humanities Elective**	3
MAT/CIS/	Mathematics or Computer Science of	Γ
INF	Information Technology Elective*†	3-4
	ΟΓ	
	Free Elective†	3
WRT201	English Composition II	_ 3
	Social Science Elective*	3
COM114	Intercultural Communication	3
	(General Education Diversity Course	)
		18-19

	Humanities Elective**	3
	Humanities Elective	3
*****	Natural Science Elective*	4
	Social Science Elective*	3
COM	Communication Elective***	3
		16

Fourth Semester		
	Humanities Elective	3
	Natural Science Elective*	4
	Social Science Elective	3
COM	Communication Elective***	3
11111	Free Elective‡	2-4
		15-17

#### Specific Program Notes

**TOTAL CREDITS** 

\*General Education Elective(s) – see page 1.

\*\*General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

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\*\*\*Take any of the following Communication courses: COM101; COM102; COM103; COM116; COM119; COM122; COM213. †If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Recommended: IST123 Success 101 or another Communication course.

Degree: Associate in Arts Code: AA.LA.ECON **GENERAL EDUCATION REQUIREMENTS** 45-47 RECOMMENDED SEMESTER SEQUENCE Communication First Semester COM... COM100 Speech Communication or 3 ECO101 Macroeconomics 3 COM102 Public Speaking Humanities Elective\*\* 3 WRT101 English Composition I 3 Mathematics Elective\*† MAT. 3-4 WRT201 English Composition II 3 COM... COM100 Speech Communication 3 or COM102 Public Speaking **History Electives\*** 6 WRT101 English Composition 1 3 15-16 Humanities Electives\*\* 9 Three general education courses selected from the following Second Semester fields, with no more than two courses in any one field: ECO201 Microeconomics 3 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema HIS. History Elective\* 3 MAT/CIS/ Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); Mathematics or Computer Science or World Languages and Cultures (LAN). INF... Information Technology Elective\*† 3-4 Social Sciences 6 Free Elective† 3 ECO101 Macroeconomics WRT201 English Composition II 3 ECO201 Microeconomics Humanities Elective\*\* 3 Diversity Elective‡ 3 Mathematics, Natural Sciences, & Technology 12-14 18-19 Mathematics' 3-4 0-3 Mathematics or Computer Science or Information Technology\* **Third Semester** Natural Science Electives\* 8 Program Electives\*\*\* 6 HIS. History Elective' 3 Humanities Elective\*\* **Diversity Elective**‡ 3 3 Natural Science Elective\* 4 PROGRAM REQUIREMENTS 15 16 Program Electives - three courses to be 9 **Fourth Semester** Program Elective\*\*\* selected from the following: ECO103: ECO105: 3 ECO461-462; POL101; PSY101; SOC101. Natural Science Elective\* 4 Humanities Electives\*\*\*\* 6 Humanities Electives - two courses to be 6 Free Electives‡‡ 2-4 selected from the following fields: Arts (Art [ART], 15-17 Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). **FREE ELECTIVES** 2-6 **TOTAL CREDITS** 64-66

#### Specific Program Notes

\*General Education Elective(s) – see page 1.

Program: Liberal Arts - Economics Option

\*\*General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

\*\*\*Choose from the following: ECO103; ECO105; ECO461-462; POL101; PSY101; SOC101.

\*\*\*\*Electives in Arts (ART, MUS,THR, CIN); History (HIS); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN).

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡General Education Diversity Course Elective – see page 1. Recommended: GEO101; HIS121; SOC120; SOC121; SOC122. ‡‡Recommended: IST123 Success 101 or one of the following: another Economics course or BNF101, BNF201, or BNF207.

Program: Liberal Arts - Global Studies Option

Degree: Associate in Arts Code: AA.LA.GLOBAL.STUD

Students are strongly encouraged to participate in a study abroad program while earning credits toward their degree. It is recommended that students investigate this option early in their course selection.

#### **GENERAL EDUCATION REQUIREMENTS** 45-47 Communication 9 COM... COM100 Speech Communication or 3 COM102 Public Speaking WRT101 English Composition I 3 WRT201 English Composition II 3 History Electives\*\* 6 **Humanities** q LAN... Language Electives\* 6 PHR... Philosophy/Religion Elective ‡‡ 3 Social Science 6 POL102 International Relations or 3 POL103 Modern Political Ideologies SOC101 Sociology 3 Mathematics, Natural Sciences, & Technology 12-14 Mathematics\*\*\* 3-4 Mathematics or Computer Science or Information Technology\*\*\* 0-3 Natural Science Electives\*\*\* 8 Diversity Course: ANT101 Cultural Anthropology 3 **PROGRAM REQUIREMENTS** 15 LAN... Language Electives\* 6 LIT... Literature Elective‡ 3 GEO101 World Geography 3 SOC222 Ethnic & Minority Group Relations 3 **FREE ELECTIVES** 3-6 **TOTAL CREDITS** 65-66

#### RECOMMENDED SEMESTER SEQUENCE

#### First Semester

		_
LAN	Language Elective*	3
HIS	History Elective**	3
MAT	Mathematics Elective***	3-4
COM	COM100 Speech Communication or COM102 Public Speaking	3
WRT101	English Composition I	3
		15-16

#### **Second Semester**

Occurre of	Jille Stell	
LAN	Language Elective*	3
HIS	History Elective**	3
MAT/CIS/	Mathematics or Computer Science of	or
INF	Information Technology Elective***†	3-4
	ог	
	Free Elective†	3
WRT201	English Composition II	3
SOC101	Sociology	3
ANT101	Cultural Anthropology	3
		18-19

#### **Third Semester**

LAN	Language Elective*	3
LIT	Literature Elective‡	3
PHR	Philosophy/Religion Elective‡‡	3
	Natural Science Elective***	4
POL102	International Relations	
	or	3
POL103	Modern Political Ideologies	
		16

#### **Fourth Semester**

LAN	Language Elective*	3
GEO101	World Geography	3
SOC222	Ethnic & Minority Group Relations	3
	Natural Science Elective***	4
	Free Elective‡‡‡	3
		16

#### Specific Program Notes

\*World Language Electives: Any General Education LAN Level I or higher course. Students may take four semesters of the same language or two semesters each of two different languages – see Page 1.

\*\*Choose from HIS101, HIS102, HIS106, HIS107, HIS121, HIS124, HIS126, HIS131, HIS135, or HIS145.

\*\*\*General Education Elective(s) - see page 1.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Choose from LIT203, LIT204, LIT223, or LIT224

‡‡Choose from PHR106, PPR121, PHR124, PHR125, or PHR126.

‡‡‡Recommended: IST123 Success 101 or another Language (LAN) course.

Program: Liberal Arts - History Option Degree: Associate in Arts Code: AA.LA.HIST **GENERAL EDUCATION REQUIREMENTS** 45-47 RECOMMENDED SEMESTER SEQUENCE Communication First Semester HIS,,, COM... COM100 Speech Communication or 3 History Core Survey\* 3 COM102 Public Speaking Mathematics Elective\*\*† MAT... 3-4 3 COM100 Speech Communication WRT101 English Composition I COM... 3 WRT201 English Composition II 3 or COM102 Public Speaking 3 **WRT101** English Composition | **History Core Survey\*** 6 **GEO101** World Geography 3 One of the following 6-credit sequences is recommended: 15-16 HIS101-HIS102 Western Civilization HIS111-HIS112 United States History Second Semester History Core Survey\* However, one of the following 6-credit sequences is 3 HIS,.. also acceptable: HIS. History Elective 3 MAT/CIS/ HIS106-HIS107 Modern Europe Mathematics or Computer Science or HIS113-HIS114 20th Century United States INF... Information Technology Elective\*\*† 3-4 HIS130-HIS131 Latin American History Free Elective† 3 9 WRT201 English Composition II 3 **Humanities** Philosophy or Religion (PHR) Elective **Humanities Elective** 3 3 +++---General Education Humanities course (but not in History [HIS])\*\*\* 3 (but not in History [HIS])\*\*\* General Education Humanities course (but not in History [HIS] 3 Social Science Elective\*\* 3 and not in Philosophy & Religion [PHR])\*\*\*\* 18-19 Social Science Electives\*\*‡ 6 Third Semester History Elective Two general education courses selected from the following HIS... 3 fields, with no more than one course in any one field: PHR. Philosophy or Religion Elective 3 Economics (ECO); Geography (GEO); Political Science (POL); Humanities Elective (but not in 3 ..... Psychology (PSY); Sociology (SOC) & Anthropology (ANT). History [HIS] & not in Philosophy & Religion [PHR])\*\*\*\* Natural Science Elective\*\* 12-14 Mathematics, Natural Sciences, & Technology 4 ..... Mathematics\* 3-4 Social Science Elective\*\*‡ 3 ..... 0-3 16 Mathematics or Computer Science or Information Technology\*\* Natural Science Electives\*\* 8 **Fourth Semester Diversity Course: GEO101 World Geography** 3 HIS ... **History Elective** 3 Natural Science Elective\*\* 4 ..... **PROGRAM REQUIREMENTS** 15 Social Science Electives± 6 .... Three electives in History (HIS) 9 Free Elective ## 2-4 ..... Social Science Electives‡ 6 15-17 Two courses (6 cr.) to be selected from the following fields: Economics (ECO); Geography (GEO); MAT/CIS/ Mathematics or Computer Science or Political Science (POL); Psychology (PSY); Information Technology Elective\*† INF... Sociology (SOC) & Anthropology (ANT). **FREE ELECTIVES** 2-6 **TOTAL CREDITS** 64-66

#### Specific Program Notes

\*History concentrators must complete 15 credits in history. This includes a one-year, 6-credit core sequence in a single field of study. HIS101-102 or HIS111-112 is recommended, but any one of the following is also acceptable: HIS113-114, HIS120-121, or HIS130-131. Students are encouraged to take a broad range of history courses, both chronologically and geographically.

\*\*General Education Elective(s) - see page 1.

\*\*\*General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

\*\*\*\*General Education Electives in Arts (ART, MUS,THR, CIN), Literature (LIT), or World Languages & Cultures (LAN) – see page 1. †If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Recommended: courses in Anthropology (ANT), Sociology (SOC), and Economics (ECO).

‡‡Recommended: IST123 Success 101 or another History course.

Program: Liberal Arts - Latin American Studies Option

Degree: Associate in Arts

Code: AA.LA.LAS

Students are strongly encouraged to participate in a study abroad program while earning credits toward their degree. It is recommended that students investigate this option early in their course selection.

GENERAL EDUCATION REQUIREMENTS	45-47
Communication COM COM100 Speech Communication or COM102 Public Speaking	<b>9</b> 3
WRT101 English Composition I WRT201 English Composition II	3 3
History HIS102 History of Western Civ since the Reformation HIS111 US History to Reconstruction	6 3 3
Humanities LAN231 or LAN228 LAN232 or LAN229 PHR111 Social & Political Philosophy	9 3 3 3
Social Sciences GEO101 World Geography POL102 International Relations	6 3 3
Mathematics, Natural Sciences, & Technology Mathematics* Mathematics or Computer Science or Information Technology* Natural Science Electives*	<b>12-1</b> 4 3-4 0-3 8
Diversity Course: HIS131 Latin American History since Independence	3
PROGRAM REQUIREMENTS ECO101 Macroeconomics	<b>15</b> 3
HIS130 Latin American History to Independence or HIS132 The Spanish Speaking Caribbean and	3
Central America since 1898 LAN233 Spanish Conversation	2
LIT223 Contemporary Latin American Literature	3
or LAN236 Survey of Spanish-American Literature	Ĭ
SOC222 Ethnic &Minority Group Relations	3
FREE ELECTIVES	2-6
TOTAL CREDITS	64-66

#### Specific Program Notes

\*General Education Elective(s) - see page 1.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective). This can also be LAN 113 or LAN 230, depending on language proficiency. ‡Recommended: IST123 Success 101.

Students may take the CLEP exam to earn LAN credits.

#### RECOMMENDED SEMESTER SEQUENCE

#### First Semester

First Sein	estei	
HIS102	History of Western Civilization	3
	since the Reformation	
PHR111	Social & Political Philosophy	3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
		15-16

#### Second Semester

occonia oc	inester	
HIS111	US History to Reconstruction	3
POL102	International Relations	3
MAT/CIS/	Mathematics or Computer Science of	r
INF	Information Technology Elective*†	3-4
1	or	
	Free Elective†	3
WRT201	English Composition II	3
GEO101	World Geography	3
HIS130	Latin American History to	
	Independence	
	or	3
HIS132	The Spanish Speaking Caribbean	
	and Central America since 1898	
		18-19

#### **Third Semester**

HIS131	Latin American History since	3
	Independence	
LAN231	Intermediate Spanish I	
	or	3
LAN228	Elem Span for Heritage Speakers	
	Natural Science Elective*	4
ECO101	Macroeconomics	3
	LIT223 Contemporary Latin	
	American Literature	
	or	3
1	LAN236 Survey of Spanish-	
	American Literature	
		16

#### Fourth Semester

SOC222	Ethnic &Minority Group Relations	3
	Natural Science Elective*	4
LAN	LAN232 Intermediate Spanish II	
	or	3
	LAN229 Intermediate Spanish	
	for Heritage Speakers	
LAN233	Spanish Conversation	3
	Free Elective‡	2-4
		15-17

Program: Liberal Arts - Literature Degree: Associate in Arts Code: AA.LA.LIT

GENERAL EDUCATION REQUIREMENTS	45-47
Communication	9
COM COM100 Speech Communication or COM102 Public Speaking	3
WRT101 English Composition I	3
WRT201 English Composition II	3
History Electives*	6
Humanities*	9
LIT Literature Sequence Part I**	3
LIT Literature Sequence Part II**	3
Humanities Elective (not in Literature & not in History)	3
Social Science Electives* Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).	6
Mathematics, Natural Sciences, & Technology	12-14
Mathematics*	3-4
Mathematics or Computer Science or Information Technology* Natural Science Electives*	0-3 8
Diversity Elective*	3
PROGRAM REQUIREMENTS	15
LIT221 Shakespeare	3
LIT Genre Course	3
LIT Literature Elective	3
Two Social Science courses (6 cr.) to be selected from the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT)	6
FREE ELECTIVES	2-6

#### RECOMMENDED SEMESTER SEQUENCE

#### First Semester Humanities Elective\* (not in 3 Literature and not in History) HIS... History Elective\* 3 MAT... Mathematics Elective\*† 3-4 COM100 Speech Communication COM... 3 or COM102 Public Speaking WRT101 English Composition I 3 15-16

Second Se		
LIT	Literature Sequence Part I**	3
HIS	History Elective*	3
MAT/CIS/ INF	Mathematics or Computer Science of Information Technology Elective*† or	or 3-4
.,	Free Elective†	3
WRT201	English Composition II	3
	Social Science Elective*	3
*****	Diversity Elective*‡	3
		18-19

LIT	Literature Sequence Part II**	3
LIT	Genre Course***	3
LIT	Literature Elective	3
	Natural Science Elective*	4
410704	Social Science Elective*	3
		16

LIT221	Shakespeare	3
	Natural Science Elective*	4
*****	Social Science Electives	6
4****	Free Elective±‡	2-4
		15-17

#### **Specific Program Notes**

**TOTAL CREDITS** 

\*General Education Elective(s) – see page 1.
\*\*LIT201 & LIT202, LIT203 & LIT204, and LIT205 & LIT206 are sequential courses; students must take two of these courses in sequential order.

\*\*\*Genre courses include LIT226 Introduction to the Novel and LITXXX Introduction to Poetry (forthcoming).

tlf a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

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#General Education Diversity Course Elective - see page 1. Recommended: LIT215, LIT218, LIT223, or LIT228.

##Recommended: IST123 Success 101 or another Literature course.

Program: Liberal Arts - Philosophy Option

Degree: Associate in Arts Code: AA.LA.PHIL

GENERAL EDUCATION REQUIREMENTS	45-47
Communication	9
COM COM100 Speech Communication or COM102 Public Speaking	3
WRT101 English Composition I	3
WRT201 English Composition II	3
History Electives*	6
Humanities	9
PHR101 Introduction to Philosophy	3
Philosophy Elective**	3 3
Humanities Elective (not in Philosophy or Religion	3
and not in History)*	
Social Science Electives*	6
Mathematics, Natural Sciences, & Technology	12-14
Mathematics*	3-4
Mathematics or Computer Science or Information Technology*	0-3
Natural Science Electives*	8
Diversity Elective‡	3
PROGRAM REQUIREMENTS	15
Philosophy Electives***	9
Social Science Electives***	6
FREE ELECTIVES	2-6
TOTAL CREDITS	64-66

#### RECOMMENDED SEMESTER SEQUENCE

#### First Semester

PHR101	Introduction to Philosophy	3
HIS	History Elective*	3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication or COM102 Public Speaking	3
WRT101	English Composition I	3
		15-16

#### **Second Semester**

	Occount oc	HIGSEG	
ĺ	PHR	Philosophy Elective**	3
	HIS	History Elective*	3
	MAT/CIS/	Mathematics or Computer Science o	r
1	INF	Information Technology Elective*†	3-4
		or	
١	******	Free Elective†	3
	WRT201	English Composition II	3_
[		Social Science Elective*	3
1		Diversity Elective‡	3
ı			18-19

#### **Third Semester**

PHR	Philosophy Electives***	6
	Humanities Elective (not in	3
	Philosophy or Religion and not	
	In History)*	
	Natural Science Elective*	4
	Social Science Elective*	3
		16

#### Fourth Semester

PHR	Philosophy Elective***	3
	Natural Science Elective*	4
	Social Science Electives***	6
	Free Elective±‡	2-4
		15-17

#### **Specific Program Notes**

\*General Education Elective(s) - see page 1.

\*\*General Education Elective(s) in Philosophy – see page 1. PHR103 Basic Logic recommended.

\*\*\*Need not be General Education courses.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡General Education Diversity Course Elective – see page 1. Recommended: PHR106; PHR121; PHR122; PHR124, PHR125; or PHR126.

‡‡Recommended: IST123 Success 101 or another Philosophy course.

Degree: Associate in Arts Code: AA.LA.POLISCI **GENERAL EDUCATION REQUIREMENTS** 45-47 RECOMMENDED SEMESTER SEQUENCE 9 Communication First Semester COM... COM100 Speech Communication or Introduction to Politics 3 POL107 3 COM102 Public Speaking Humanities Elective\*\* 3 WRT101 English Composition I 3 MAT... Mathematics Elective\*† 3-4 WRT201 English Composition II 3 COM... COM100 Speech Communication 3 or COM102 Public Speaking WRT101 **History Electives\*** 6 English Composition I 3 15-16 **Humanities Electives\*\*** 9 Three general education courses selected from the following Second Semester fields, with no more than two courses in any one field: POL101 American Government 3 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema HIS.. History Elective\* 3 MAT/CIS/ Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); Mathematics or Computer Science or World Languages and Cultures (LAN). Information Technology Elective\*† INF... 3-4 Social Sciences 6 Free Elective† POL101 American Government WRT201 English Composition II 3 Humanities Elective\*\* POL107 Introduction to Politics 3 Diversity Elective‡ 3 Mathematics, Natural Sciences, & Technology 12-14 18-19 Mathematics\* 3-4 Mathematics or Computer Science or Information Technology\* 0-3 Third Semester Political Science Electives\*\*\* Natural Science Electives\* 6 8 POL. HIS... History Elective\* 3 **Diversity Elective**‡ 3 Humanities Elective\* 3 Natural Science Elective\* 4 PROGRAM REQUIREMENTS 15 16 Political Science Electives\*\*\* 9 **Fourth Semester** Political Science Elective\*\*\* POL. 3 Humanities Electives - two courses to be 6 Natural Science Elective\* 4 selected from the following fields: Arts (Art [ART], Humanities Electives\*\*\*\* 6 ..... Music [MUS], Theatre Arts [THR], Cinema Studies Free Electives‡‡ 2-4 [CIN]); History (HIS); Literature (LIT); Philosophy and 15-17 Religion (PHR); World Languages and Cultures (LAN). **FREE ELECTIVES** 2-6

#### Specific Program Notes

**TOTAL CREDITS** 

\*General Education Elective(s) – see page 1.

Program: Liberal Arts - Political Science Option

\*\*General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

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\*\*\*Three courses to be selected from the following: POL102 International Relations; POL103 Modern Political Ideologies; POL104 State and Local Government; POL106 Themes in US History 9Modern American Presid3ency); POL116 Labor Law; POL122 Collective Bargaining; POL461-463 Co-op Work Experience (Political Science).

\*\*\*\*Electives in Arts (ART, MUS,THR, CIN), History (HIS); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN).

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡General Education Diversity Course Elective - see page 1.

‡‡Recommended: IST123 Success 101 or another Political Science course.

GENERAL EDUCATION REQUIREMENTS	45-47
Communication	9
COM COM100 Speech Communication or	3
COM102 Public Speaking	
VRT101 English Composition I	3
VRT201 English Composition II	3
listory Electives*	6
lumanities Electives**	9
hree general education courses selected from the following	
elds, with no more than two courses in any one field:	
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema	
Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR);	
Vorld Languages and Cultures (LAN).	
Social Sciences	6
PSY101 General Psychology	
SOC101 Sociology	
Mathematics, Natural Sciences, & Technology	12-14
/lathematics*	3-4
Mathematics or Computer Science or Information Technology*	0-3
Natural Science Electives*	8
Diversity Elective‡	3
DOODAM DECUIDEMENTS	45
PROGRAM REQUIREMENTS	15
SY102 Introduction to Abnormal Psychology	3
Either PSY106 Developmental Psychology or PSY201 Child Psychology	3
Psychology Elective	3
ayenology Elective	
, 3,	
lumanities Electives – two courses to be	6
lumanities Electives – two courses to be elected from the following fields: Arts (Art [ART],	6
lumanities Electives – two courses to be elected from the following fields: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies	6
lumanities Electives – two courses to be elected from the following fields: Arts (Art [ART],	6

Program: Liberal Arts - Psychology Option

Degree: Associate in Arts

#### RECOMMENDED SEMESTER SEQUENCE

#### First Semester

PSY101	General Psychology	3
	Humanities Elective**	3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
		15-16

#### **Second Semester**

SOC101	Sociology	3
HIS	History Elective*	3
MAT/CIS/	Mathematics or Computer Science of	r
INF	Information Technology Elective*†	3-4
	or	
	Free Elective†	3
WRT201	English Composition II	3
	Humanities Elective**	3
	Diversity Elective‡	3
		18-19

#### **Third Semester**

PSY102	Intro to Abnormal Psychology	3
PSY	PSY106 Developmental Psych or	3
	PSY201 Child Psychology	
HIS	History Elective*	3
	Humanities Elective**	3
	Natural Science Elective*	4
		16

#### **Fourth Semester**

PSY	Psychology Elective	3
	Natural Science Elective*	4
	Humanities Electives***	6
	Free Electives‡‡	2-4
		15-17

#### Specific Program Notes

**FREE ELECTIVES** 

**TOTAL CREDITS** 

\*General Education Elective(s) - see page 1.

\*\*General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

2-6

64-66

\*\*\*\*Electives in Arts (ART, MUS,THR, CIN); History (HIS); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN).

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡General Education Diversity Course Elective – see page 1. Recommended: PSY110; PSY207; SOC120; SOC121; SOC122. ‡‡Recommended: IST123 Success 101 or another Psychology course.

Program: Liberal Arts - Religion Option

Degree: Associate in Arts

Code: AA.LA.REL

GENERAL EDUCATION REQUIREMENTS	45-47
Communication	9
COM, COM100 Speech Communication or	3
COM102 Public Speaking	
WRT101 English Composition I	3
WRT201 English Composition II	3
History Electives*	6
Humanities	9
PHR120 Introduction to Religion	3
PHR121 Religions of the World	3
Humanities Elective (not in Philosophy or Religion and not in History)*	3
Social Science Electives*	6
Mathematics, Natural Sciences, & Technology	12-14
Mathematics*	3-4
Mathematics or Computer Science or Information Technology*	0-3
Natural Science Electives*	8
Diversity Elective*	3
PROGRAM REQUIREMENTS	15
Religion Electives	9
Social Science Electives	6
FREE ELECTIVES	2-6
TOTAL CREDITS	64-66

#### RECOMMENDED SEMESTER SEQUENCE

#### First Semester

PHR120	Introduction to Religion	3
HIS	History Elective*	3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication	3
l	or COM102 Public Speaking	
WRT101	English Composition I	3
		15-16

#### Second Semester

	Occord oc	illoator	
	PHR121	Religions of the World	3
[	HIS	History Elective*	3
	MAT/CIS/	Mathematics or Computer Science of	r
1	INF	Information Technology Elective*†	3-4
1		or	,
Į	*****	Free Elective†	3
	WRT201	English Composition II	3
-[		Social Science Elective*	3_
	*****	Diversity Elective‡	3
			18-19

#### **Third Semester**

Religion Electives	6
Humanities Elective (not in	3
Philosophy or Religion and not	
In History)*	
Natural Science Elective*	4
Social Science Elective*	3
	16
	Humanities Elective (not in Philosophy or Religion and not In History)* Natural Science Elective*

#### **Fourth Semester**

PHR	Religion Elective	3
	Natural Science Elective*	4
	Social Science Electives	6
	Free Elective‡‡	2-4
		15-17

#### Specific Program Notes

\*General Education Elective(s) - see page 1.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡General Education Diversity Course Elective – see page 1. Recommended: PHR106; PHR122; PHR124; PHR125; or PHR126. ‡‡Recommended: Recommended: IST123 Success 101 or another Philosophy course.

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Program: Liberal Arts - Social Sciences Option Degree: Associate in Arts Code: AA.LA.SOC.SCI GENERAL EDUCATION REQUIREMENTS 45-47 RECOMMENDED SEMESTER SEQUENCE Communication 9 First Semester COM... COM100 Speech Communication or 3 Social Science Elective\* COM102 Public Speaking Humanities Elective\*\* WRT101 English Composition I 3 MAT.. Mathematics Elective\*† WRT201 English Composition II 3 COM... COM100 Speech Communication or COM102 Public Speaking History Electives\* WRT101 English Composition I 6 **Humanities Electives\*\*** 9 Second Semester Three general education courses selected from the following fields, with no more than two courses in any one field: Social Science Elective\* Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema HIS. History Elective\* MAT/CIS/ Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); Mathematics or Computer Science or World Languages and Cultures (LAN). INF... Information Technology Elective\*† or Free Elective† Social Science Electives\* 6 Two general education courses selected from the following **WRT201** English Composition II fields, with no more than one course in any one field: Humanities Elective ..... Anthropology (ANT); Economics (ECO); Geography (GEO); Diversity Elective‡ Political Science (POL); Psychology (PSY); Sociology (SOC). Mathematics, Natural Sciences, & Technology 12-14 Third Semester Social Science Electives\* Mathematics\* 3-4 Mathematics or Computer Science or Information Technology\* 0-3 History Elective\* HIS. Natural Science Electives\* Humanities Elective\*\* 8 Natural Science Elective\* Diversity Elective‡ 3 PROGRAM REQUIREMENTS 15 Fourth Semester Social Science Elective\* Social Science Electives - three courses, with no 9 Natural Science Elective\* More than one course in any one field: Anthropology Humanities Electives\*\*\* (ANT); Economics (ECO); Geography (GEO); Political Free Electives## Science (POL); Psychology (PSY); Sociology (SOC). Humanities Electives - two courses to be 6 selected from the following fields: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). **FREE ELECTIVES** 2-6

#### Specific Program Notes

**TOTAL CREDITS** 

\*General Education Elective(s) - see page 1.

64-66

\*\*\*Electives in Arts (ART, MUS,THR, CIN); History (HIS); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN).

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡General Education Diversity Course Elective – see page 1. Recommended: Select a 3-credit course from ANT, ECO, POL, PSY, or SOC.

##Recommended: IST123 Success 101 or another Social Science course.

<sup>\*\*</sup>General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

Degree: Associate in Arts Code: AALASOC **GENERAL EDUCATION REQUIREMENTS** 45-47 RECOMMENDED SEMESTER SEQUENCE Communication 9 First Semester Sociology COM... COM100 Speech Communication or 3 SOC101 3 COM102 Public Speaking Humanities Elective\*\* 3 WRT101 English Composition I 3 MAT. Mathematics Elective\*† 3-4 WRT201 English Composition II 3 COM... COM100 Speech Communication 3 or COM102 Public Speaking **History Electives\*** WRT101 6 English Composition I 3 15-16 **Humanities Electives\*\*** 9 Three general education courses selected from the following **Second Semester** fields, with no more than two courses in any one field: **PSY101** General Psychology 3 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema History Elective\* HIS .. 3 Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); MAT/CIS/ Mathematics or Computer Science or World Languages and Cultures (LAN). INF... Information Technology Elective\*† 3-4 Or **Social Sciences** 6 Free Elective† WRT201 SOC101 Sociology **English Composition II** 3 PSY101 General Psychology Humanities Elective\*\* 3 Diversity Elective± 3 ..... Mathematics, Natural Sciences, & Technology 12-14 18-19 Mathematics\* 3-4 Mathematics or Computer Science or Information Technology\* 0-3 Third Semester Natural Science Electives\* 8 SOC... Sociology Electives 6 History Elective\* HIS ... 3 **Diversity Elective**‡ **Humanities Elective\*\*** 3 3 Natural Science Elective\* 4 **PROGRAM REQUIREMENTS** 15 16 Sociology Electives 9 Fourth Semester SOC... Sociology Elective 3 Humanities Electives - two courses to be Natural Science Elective\* 6 4 ..... selected from the following fields; Arts (Art (ART), Humanities Electives\*\*\* 6 Music [MUS], Theatre Arts [THR], Cinema Studies Free Electives‡‡ 2-4 ..... [CIN]); History (HIS); Literature (LIT); Philosophy and 15-17 Religion (PHR); World Languages and Cultures (LAN). **FREE ELECTIVES** 2-6 **TOTAL CREDITS** 

#### **Specific Program Notes**

\*General Education Elective(s) - see page 1.

Program: Liberal Arts - Sociology Option

\*\*General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) - see page 1.

64-66

\*\*\*Electives in Arts (ART, MUS,THR, CIN); History (HIS); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN).

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡General Education Diversity Course Elective - see page 1. Recommended: SOC120; SOC121; SOC122; ANT100; ANT101; PSY110: PSY207.

‡‡Recommended: IST123 Success 101 or another Sociology course.

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Program: Liberal Arts – Women's Studies Option

Degree: Associate in Arts Code: AA.LA.WMST

GENERAL EDUCATION REQUIREMENTS	45-47
Communication	9
COM COM100 Speech Communication or COM102 Public Speaking	3
WRT101 English Composition I WRT201 English Composition II	3 3
<b>History</b> HIS105 Women in History HIS116 Women in American History	6 3 3
Humanities Electives** Three general education courses selected from the following fields, with no more than two courses in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN).	9
Social Sciences PSY101 General Psychology ANT101 Anthropology or SOC101 Sociology	6 3 3
Mathematics, Natural Sciences, & Technology Mathematics* Mathematics or Computer Science or Information Technology* Natural Science Electives*	12-14 3-4 0-3 8
Diversity Course: CIN160 Women in Cinema	3
PROGRAM REQUIREMENTS LIT28 Women in Literature PHR122 Women in Religion PSY207 Psychology of Women SOC121 Changing Roles of Women SOC120 Sociology of Gender Roles	15 3 3 3 3 3
FREE ELECTIVES	2-6
TOTAL CREDITS	64-66

#### RECOMMENDED SEMESTER SEQUENCE

First Sem	ester	
HIS105	Women in History	3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication or COM102 Public Speaking	3
WRT101	English Composition I	3
	ANT101 Anthropology or	3

	SOCIUI Sociology	
		15-16
Second Se	emester	
HIS116	Women in American History	3
PSY101	General Psychology	3
SOC120	Sociology of Gender Roles	3
MAT/CIS/	Mathematics or Computer Science o	
INF	Information Technology Elective*†	3-4
	Or	

Free Elective†

English Composition II

Humanities Elective\*\*

WRT201

LIT228	Women in Literature	3
PSY207	Psychology of Women	3
	Humanities Electives**	6
	Natural Science Elective*	4
		16

CIN160	emester Women in Cinema	3
	(Spring offering only)	
PHR122	Women in Religion	3
SOC121	Changing Roles of Women	3
******	Natural Science Elective*	4
	Free Elective‡	2-4
		15-17

#### Specific Program Notes

\*General Education Elective(s) – see page 1.

\*\*General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Recommended: IST123 Success 101.

Program: Liberal Arts - World Languages and Cultures Option

Degree: Associate in Arts Code: AA.LA.LAN

Students are strongly encouraged to participate in a study abroad program while earning credits toward their degree. It is recommended that students investigate this option early in their course selection.

Communication	9	First Seme	peter	
COM COM100 Speech Communication or	3	LAN	Language Elective*	3
COM102 Public Speaking	٦	HIS	History Elective**	3
WRT101 English Composition I	3	MAT	Mathematics Elective***†	3-4
WRT201 English Composition II	3	COM	COM100 Speech Communication	3
VVK 1201 English Composition if	3	COIVI	or COM102 Public Speaking	3
History Electives**	6	WRT101	English Composition I	3
Choose from HIS101, HIS102, HIS106, HIS107,	· ·	*****		15-16
HIS121, HIS 130; HIS131, HIS124, HIS126, HIS135,				10-10
or HIS145.		Second S	emester	
011110143.		LAN	Language Elective*	3
Humanities	9	HIS	History Elective**	3
LAN Electives*	6	MAT/CIS/	Mathematics or Computer Science or	
General Education Humanities course (but not in	3	INF	Information Technology Elective***†	3-4
History [HIS] & not in World Languages and Cultures [LAN]).***		1141	or	0-4
riistory [riio] & riot iit world Languages and Guitares [LAN].	_		Free Elective†	3
Social Sciences	6	WRT201	English Composition II	3
SOC101 Sociology	3	SOC101	Sociology	3
One general education course selected from the	3	ANT101	Introduction to Anthropology	3
following fields (but not in Sociology): Economics	9	ANTIOT		18-19
(ECO); Geography (GEO); Political Science (POL);				10-13
Psychology (PSY); Anthropology (ANT).****		Third Sem	nester	
r sychology (r or); Anthropology (Artr).		LAN	Language Elective*	3
Mathematics, Natural Science, & Technology***	12-14	LIT	Literature Elective (choose from	3
Mathematics	3-4		LIT203, LIT204, LIT223, LIT224)	0
Mathematics or Computer Science or Information Technology	0-3		Humanities Elective****	3
Natural Science Electives*	8		Social Science Elective*****	3
Traigial Colonice Electives	O	*****	Natural Science Elective***	4
Diversity Course: ANT101 Introduction to Anthropology	3	110111	Tratalal Cololide Elegare	16
biversity course. Air for introduction to Antihopology	•			10
PROGRAM REQUIREMENTS	15	Fourth Se	mester	
LAN Electives*	6	LAN	Language Elective*	3
Literature Elective (choose from	3	GEO101	World Geography	3
LIT203, LIT204, LIT223, or LIT224)	3	SOC222	Ethnic & Minority Group Relations	3
GEO101 World Geography	3		Natural Science Elective***	4
	3	4 * * * * *	Free Elective1	2-4
SOC222 Ethnic & Minority Group Relations	9	*****		
SOC222 Ethnic & Minority Group Relations			•	15-17

#### **Specific Program Notes**

\*World Language Electives: Students must complete either four semesters of the same World Language or two semesters each of two different World Languages.

\*\*History Electives: Choose from HIS101, HIS102, HIS106, HIS107, HIS121, HIS 130; HIS131, HIS124, HIS126, HIS135, or HIS145.

\*\*\*General Education Electives – see page 1

\*\*\*\*General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); or Philosophy & Religion (PHR) – see page 1.

\*\*\*\*\*General Education Electives in Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Anthropology (ANT) – see page 1.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Recommended: IST123 Success 101.

#### AA Degree Program(s) in Fine and Performing Arts

#### **Curriculum Requirements**

Program: Fine and Performing Arts - General Curriculum

Degree: Associate in Arts Code: AA.FPA.GEN

Area of Study	Credits	Course Description
Communication	9	WRT101 English Composition I (3 cr.) WRT201 English Composition II (3 cr.) COM100 Speech Communication (3 cr.) or COM102 Public Speaking (3 cr.)
History	6	Two general education courses (6 cr.) in History (HIS)
Humanities	9	Three general education courses (9 cr.) to be selected from the following fields, with no more than two courses (6 cr.) in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]) Literature (LIT) Philosophy and Religion (PHR) World Languages and Cultures (LAN)
Social Sciences	6	Two general education courses (6 cr.) to be selected from the following fields, with no more than one course (3 cr.) in any one field:  Economics (ECO)  Geography (GEO)  Political Science (POL)  Psychology (PSY)  Sociology (SOC) and Anthropology (ANT)
Mathematics, Natural Sciences, and Technology	12-14	One 4-cr. general education course in Mathematics (MAT); or two 3-cr. general education courses in Mathematics (MAT); or one 3-cr. general education course in Mathematics (MAT) and one 3-cr. general education course in either Computer Science (CIS) or Information Technology (INF  Two general education courses (8 cr.) to be selected from the following fields: Biology (BIO) Chemistry (CHM) Physics (PHY)
Diversity Requirement*	3	In completing the BCC General Education Program, a student must take and pass one 3-credit course in gender studies, non-Western history or thought, and/or cultural diversity.  Choose from the list of Diversity Courses on the General Education course list – see page 1, above.
Total GE Credits:	45-47	
AA/FPA Program and Program Support Requirements	14-16	Courses in the Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]). To be assigned in accordance with the needs of the program.
Free Electives	2-6	Programs can make recommendations in footnotes.
Total Credits	64-66	

<sup>\*</sup>Selection of a Diversity Course in History will not reduce the 6-credit Foundation Requirement in History — in that event, the student will end up with a total of 9 Foundation credits in History; selection of a Diversity Course in Humanities will not reduce the 9-credit Foundation requirement in Humanities — in that event, the student will end up with a total of 12 Foundation credits in the Humanities; and selection of a Diversity course in the Social Sciences will not reduce the 6-credit Foundation Requirement in Social Sciences — in that event, the student will end up with a total of 9 Foundation credits in the Social Sciences. In any event, s/he must meet the total Foundation requirement of 45-47 credits.

Program: Fine and Performing Arts - General Curriculum Degree: Associate in Arts Code: AA.FPA.GEN **GENERAL EDUCATION REQUIREMENTS** 45-47 RECOMMENDED SEMESTER SEQUENCE

Communication	9
COM COM100 Speech Communication or	3
COM102 Public Speaking	
WRT101 English Composition I	3
WRT201 English Composition II	3
History Electives*	6
Humanities Electives**	9
Three general education courses selected from the following	
fields, with no more than two courses in any one field:	
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema	
Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR)	;
World Languages and Cultures (LAN).	
Social Science Electives*	6
Two general education courses selected from the following	

Two general education courses selected from the following	
fields, with no more than one course in any one field:	
Economics (ECO); Geography (GEO); Political Science (POL);	
Psychology (PSY); Sociology (SOC) and Anthropology (ANT).	

Mathematics, Natural Sciences, & Technology	12-14
Mathematics*	3-4
Mathematics or Computer Science or Information Technology*	0-3
Natural Science Electives*	8
Diversity Elective*	3

PROGRAM REQUIREMENTS	14-16
Courses in the Arts (Art [ART], Music [MUS],	
Theatre Arts [THR], Cinema Studies [CIN]). To be assigned in accordance with the needs of the program.	
FREE ELECTIVES	2-6

TOTAL CREDITS	•	64-66

First Sem	ester	
HIS,	History Elective*	3
	Humanities Elective**	3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication or COM102 Public Speaking	3
WRT101	English Composition I	3
		15-16

HIS	History Elective*	3
	Humanities Elective**	3
MAT/CIS/	Mathematics or Computer Science of	or
INF	Information Technology Elective*†	3-4
	or	
	Free Elective†	3
WRT201	English Composition II	3
*****	Social Science Elective*	3
*****	Diversity Elective*	3
		18-19

 Humanities Elective**	3
 Natural Science Elective*	4
 Social Science Elective*	3
 Program Requirement***	3
 Program Requirement***	3
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*****	Natural Science Elective*	4
	Program Requirement***	3
	Program Requirement***	3
	Program Requirement***	3
	Free Elective‡	2-4
		15-17

#### Specific Program Notes

\*General Education Elective(s) - see page 1.

\*\*General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) - see page 1.

\*\*\*Courses in the Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]).

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Recommended: IST123 Success 101.

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Degree: Associate in Arts Code: AA.FPA.ART GENERAL EDUCATION REQUIREMENTS 45-47 RECOMMENDED SEMESTER SEQUENCE Communication 9 First Semester COM... COM100 Speech Communication or 2 Dimensional Design 3 **ART122** COM102 Public Speaking ART123 Life Drawing WRT101 English Composition I 3 ОГ WRT201 English Composition II 3 ART124 **Drawing Fundamentals** MAT... Mathematics Elective\*† **History Electives\*** COM... COM100 Speech Communication 6 or COM102 Public Speaking **Humanities Electives\*\*** 9 WRT101 **English Composition I** ART... General Education Art History Electives‡ 6 One course selected from the following fields: Literature (LIT); Philosophy and Religion (PHR); **Second Semester** History Elective\* World Languages and Cultures (LAN). 3 HIS... ART... Art History Elective‡ Social Science Electives\* MAT/CIS/ Mathematics or Computer Science or 6 Information Technology Elective\*† Two general education courses selected from the following INF... fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Free Elective† English Composition II Psychology (PSY); Sociology (SOC) and Anthropology (ANT). WRT201 Studio Art Elective ## ART... Diversity Elective\* Mathematics, Natural Sciences, & Technology 12-14 . . . . . . Mathematics\* 3-4 Mathematics or Computer Science or Information Technology\* 0-3 Natural Science Electives\* **Third Semester** 8 ART... Art History Elective‡ **Diversity Elective\*** Natural Science Elective\* 3 Social Science Elective\* PROGRAM REQUIREMENTS 14-16 Studio Art Electives## ART122 2Dimensional Design 3 ART123 Life Drawing I or ART124 Drawing Fundamentals 3 **Fourth Semester** ART124 Drawing Fundamentals Natural Science Elective\* ART Studio Art Elective ## **FREE ELECTIVES Humanities Elective\*** 2-6 HIS... History Elective\* Free Elective ### **TOTAL CREDITS** 64-66

#### **Specific Program Notes**

'General Education Elective(s) - see page 1.

Program: Fine and Performing Arts - Art Option

\*\*General Education Electives in Arts, Literature, Philosophy & Religion, or World Languages – see page 1.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Humanities General Education Electives in Art History include: Art102 History of Art and Visual Culture to 1400, Art103 History of Art and Visual Culture from 14001900, Art104 Modern Art, Art107 History of Photography, or Art110 Contemporary Art. ‡‡Studio Art Electives include: Art123 Life Drawing I, Art124 Drawing Fundamentals, Art127 Painting 1, Art181 Photography 1, Art184 Digital Photography, Art192 Computer 3D Animation I, Art189 Computer 2D Illustration, Art197 Computer Imaging, Art223 Life Drawing II, Art226 Letterform and Type, Art228 Painting II, Art229 Painting III, Art259 Computer Graphics for the Web Developer, Art260 Graphic Design I, Art281 Photography 2, Art287 Computer Layout I, Art288 Computer Layout II, Art290 Computer 2D Animation I, Art291 Computer 2D Animation II, Art292 Computer 3D Animation II, Art298 Interactive Multimedia. ‡‡‡Recommended: IST123 Success 101.

Program: Fine and Performing Arts – Cinema Studies Option Degree: Associate in Arts Code: AA.FPA.CINST

COM COM100 Speech Communication or COM102 Public Speaking  WRT101 English Composition I  WRT201 English Composition II  History Electives*  Humanities Electives**  CIN140 Introduction to Cinema General Education Humanities course (but not in History [HIS]).**  General Education Humanities course (but not in History [HIS] & not in the Arts [ART, MUS,THR, CIN]).***  Social Science Electives*  Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).  Mathematics, Natural Sciences, & Technology  Natural Science Electives*  Diversity Elective*  PROGRAM REQUIREMENTS  CIN150 Special Topics in Cinema I CIN120 Special Topics in Cinema I CIN150 American Cinema CIN170 American Cinema CIN Cinema Studies Elective‡  3 CIN CIN 170 American Cinema CIN Cinema Studies Elective;		GENERAL EDUCATION REQUIREMENTS	45-47	REC
COM102 Public Speaking  WRT101 English Composition I  WRT201 English Composition II  History Electives*  6 WR  Humanities Electives**  CIN140 Introduction to Cinema General Education Humanities course (but not in History [HIS]).**  General Education Humanities course (but not in History [HIS] & not in the Arts [ART, MUS,THR, CIN]).***  Social Science Electives*  Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).  Mathematics, Natural Sciences, & Technology  Natural Science Electives*  Diversity Elective*  PROGRAM REQUIREMENTS CIN150 Special Topics in Cinema I CIN120 Special Topics in Cinema I CIN150 Special Topics in Cinema I CIN160 Women in Cinema CIN170 American Cinema CIN170 American Cinema CIN170 American Cinema CIN Cinema Studies Elective;  FREE ELECTIVES  A MAA MAA  MAA  MAA  MAA  MAA  MAA  M		Communication	9	First
WRT101 English Composition I WRT201 English Composition II WRT201 English Composition II  History Electives*  Humanities Electives**  CIN140 Introduction to Cinema General Education Humanities course (but not in History [HIS]).** General Education Humanities course (but not in History [HIS]).** General Education Humanities course (but not in History [HIS] & not in the Arts [ART, MUS,THR, CIN]).***  Social Science Electives* Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).  Mathematics, Natural Sciences, & Technology  Mathematics or Computer Science or Information Technology* Natural Science Electives*  Diversity Elective*  PROGRAM REQUIREMENTS CIN150 Special Topics in Cinema I CIN120 Special Topics in Cinema II CIN160 Women in Cinema CIN170 American Cinema CIN170 American Cinema CIN1 Cinema Studies Elective‡  FREE ELECTIVES  AMA  MAA  MAA  MAA  MAA  MAA  MAA  M	ı	COM COM100 Speech Communication or	3	CIN1
WRT201 English Composition II  History Electives*  Humanities Electives**  CIN140 Introduction to Cinema General Education Humanities course (but not in History [HIS]).**  General Education Humanities course (but not in History [HIS]).**  General Education Humanities course (but not in History [HIS]).**  General Education Humanities course (but not in History [HIS] & not in the Arts [ART, MUS,THR, CIN]).***  Social Science Electives*  Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).  Mathematics, Natural Sciences, & Technology  Mathematics or Computer Science or Information Technology*  Natural Science Electives*  Diversity Elective*  PROGRAM REQUIREMENTS CIN150 Special Topics in Cinema I CIN120 Special Topics in Cinema II CIN160 Women in Cinema CIN170 American Cinema CIN170 American Cinema CIN1 Cinema Studies Elective‡  FREE ELECTIVES  CIN50  CIN60  CIN70  CIN60  CIN70  CIN70	J	COM102 Public Speaking		HIS.
History Electives*  Humanities Electives**  CIN140 Introduction to Cinema General Education Humanities course (but not in History [HIS]).**  General Education Humanities course (but not in History [HIS] & not in the Arts [ART, MUS,THR, CIN]).***  Social Science Electives*  Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).  Mathematics, Natural Sciences, & Technology  Mathematics or Computer Science or Information Technology*  Diversity Elective*  PROGRAM REQUIREMENTS CIN150 Special Topics in Cinema I CIN120 Special Topics in Cinema II CIN160 Women in Cinema CIN170 American Cinema CIN Cinema Studies Elective‡  FREE ELECTIVES  Section  WR  AAA  AAA  CIN  CIN  CIN  CIN  CIN  CIN	•	WRT101 English Composition I	3	MAT
Humanities Electives**  CIN140 Introduction to Cinema General Education Humanities course (but not in History [HIS]).** General Education Humanities course (but not in History [HIS] & not in the Arts [ART, MUS,THR, CIN]).***  Social Science Electives* Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).  Mathematics, Natural Sciences, & Technology Mathematics or Computer Science or Information Technology* O-3 Natural Science Electives*  Diversity Elective*  PROGRAM REQUIREMENTS CIN150 Special Topics in Cinema I CIN120 Special Topics in Cinema I CIN160 Women in Cinema CIN170 American Cinema CIN Cinema Studies Elective‡  FREE ELECTIVES  Social Science (but not in 3 Sec CIN MMA MATHORITY  MATHORITY  This This CIN160 Interval Science (POL); CIN160 Vomen in Cinema CIN170 American Cinema CIN Cinema Studies Elective‡  FREE ELECTIVES		WRT201 English Composition II	3	CON
CIN140 Introduction to Cinema General Education Humanities course (but not in History [HIS]).** General Education Humanities course (but not in History [HIS] & not in the Arts [ART, MUS,THR, CIN]).***  Social Science Electives* Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).  Mathematics, Natural Sciences, & Technology Mathematics or Computer Science or Information Technology* Natural Science Electives*  Diversity Elective*  Brogram Requirements CIN150 Special Topics in Cinema I CIN120 Special Topics in Cinema I CIN160 Women in Cinema CIN170 American Cinema CIN170 American Cinema CIN170 Cinema Studies Elective‡  FREE ELECTIVES  Social Science (but not in 3		History Electives*	6	WR
CIN140 Introduction to Cinema General Education Humanities course (but not in History [HIS]).** General Education Humanities course (but not in History [HIS] & not in the Arts [ART, MUS,THR, CIN]).***  Social Science Electives* Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).  Mathematics, Natural Sciences, & Technology Mathematics or Computer Science or Information Technology* Natural Science Electives*  Diversity Elective*  Brogram Requirements CIN150 Special Topics in Cinema I CIN120 Special Topics in Cinema I CIN160 Women in Cinema CIN170 American Cinema CIN170 American Cinema CIN170 Cinema Studies Elective‡  FREE ELECTIVES  Social Science (but not in 3		Humanities Electives**	9	
General Education Humanities course (but not in History [HIS]).**  General Education Humanities course (but not in History [HIS]).**  General Education Humanities course (but not in History [HIS] & not in the Arts [ART, MUS,THR, CIN]).***  Social Science Electives*  Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).  Mathematics, Natural Sciences, & Technology  Mathematics or Computer Science or Information Technology*  Natural Science Electives*  Diversity Elective*  PROGRAM REQUIREMENTS  CIN150 Special Topics in Cinema I  CIN120 Special Topics in Cinema II  CIN160 Women in Cinema  CIN170 American Cinema  CIN170 American Cinema  CIN170 Information Studies Elective‡  FREE ELECTIVES  2-6			3	Sec
General Education Humanities course (but not in History [HIS] & not in the Arts [ART, MUS,THR, CIN]).***  Social Science Electives* Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).  Mathematics, Natural Sciences, & Technology Mathematics or Computer Science or Information Technology* O-3 Natural Science Electives*  Diversity Elective*  PROGRAM REQUIREMENTS CIN150 Special Topics in Cinema I CIN120 Special Topics in Cinema II CIN160 Women in Cinema CIN170 American Cinema CIN Cinema Studies Elective‡  FREE ELECTIVES  Amage of the Arts [ART, MUS,THR, CIN]).***  IMAA INF			3	CIN.
General Education Humanities course (but not in History [HIS] & not in the Arts [ART, MUS,THR, CIN]).***  Social Science Electives* Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).  Mathematics, Natural Sciences, & Technology Mathematics* Mathematics or Computer Science or Information Technology* O-3 Natural Science Electives*  Diversity Elective*  PROGRAM REQUIREMENTS CIN150 Special Topics in Cinema I CIN120 Special Topics in Cinema I CIN160 Women in Cinema CIN170 American Cinema CIN Cinema Studies Elective‡  FREE ELECTIVES  AMA MA INF  MAA INF  MAA INF  MAA INF  MAA INF  MAA INF   MAA INF		History [HIS]).**		
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Two general education courses selected from the following fields, with no more than one course in any one field:  Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).  Mathematics, Natural Sciences, & Technology Mathematics* Mathematics or Computer Science or Information Technology* Natural Science Electives*  Diversity Elective*  PROGRAM REQUIREMENTS CIN150 Special Topics in Cinema I CIN120 Special Topics in Cinema II CIN160 Women in Cinema CIN170 American Cinema CIN1 Cinema Studies Elective‡  FREE ELECTIVES  WR  III  III III III III III III III I		History [HIS] & not in the Arts [ART, MUS,THR, CIN]).***		INF.
Two general education courses selected from the following fields, with no more than one course in any one field:  Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).  Mathematics, Natural Sciences, & Technology Mathematics* Mathematics or Computer Science or Information Technology* Natural Science Electives*  Diversity Elective*  PROGRAM REQUIREMENTS CIN150 Special Topics in Cinema I CIN120 Special Topics in Cinema II CIN160 Women in Cinema CIN170 American Cinema CIN1 Cinema Studies Elective‡  FREE ELECTIVES  WR  III  III III III III III III III I			_	
fields, with no more than one course in any one field:  Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).  Mathematics, Natural Sciences, & Technology Mathematics* Mathematics or Computer Science or Information Technology* Natural Science Electives*  Diversity Elective*  PROGRAM REQUIREMENTS CIN150 Special Topics in Cinema I CIN120 Special Topics in Cinema II CIN160 Women in Cinema CIN170 American Cinema CIN Cinema Studies Elective‡  FREE ELECTIVES   FREE ELECTIVES			6	
Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).  Mathematics, Natural Sciences, & Technology Mathematics* Mathematics or Computer Science or Information Technology* Natural Science Electives*  Diversity Elective*  PROGRAM REQUIREMENTS CIN150 Special Topics in Cinema I CIN120 Special Topics in Cinema II CIN160 Women in Cinema CIN170 American Cinema CIN170 American Cinema CIN Cinema Studies Elective‡  FREE ELECTIVES  12-14 Thi CI14 Thi CI15 Thi CI15 Thi CI16 CIN				WR
Psychology (PSY); Sociology (SOC) and Anthropology (ANT).  Mathematics, Natural Sciences, & Technology Mathematics*  Mathematics or Computer Science or Information Technology* Natural Science Electives*  Diversity Elective*  PROGRAM REQUIREMENTS CIN150 Special Topics in Cinema I CIN120 Special Topics in Cinema II CIN160 Women in Cinema CIN170 American Cinema CIN Cinema Studies Elective‡  FREE ELECTIVES  12-14  Thir Thir Thir Thir Thir Thir Thir Thi				
Mathematics, Natural Sciences, & Technology  Mathematics*  Mathematics or Computer Science or Information Technology*  Natural Science Electives*  Diversity Elective*  PROGRAM REQUIREMENTS  CIN150 Special Topics in Cinema I  CIN120 Special Topics in Cinema II  CIN160 Women in Cinema  CIN170 American Cinema  CIN Cinema Studies Elective‡  FREE ELECTIVES  12-14  Thir  Thir  Thir  Thir  Thir  Thir  Thir  CIN  CIN  CIN  CIN  CIN  Thir  Thir  Thir  Thir  CIN  CIN  CIN  CIN  CIN  Thir  CIN  CIN  CIN  CIN  CIN  Thir  CIN  CIN  Thir  CIN  CIN  Thir  CIN  CIN  CIN  Thir  CIN  CIN  CIN  CIN  CIN  CIN  CIN  CI				1
Mathematics* 3-4 C16 Mathematics or Computer Science or Information Technology* 0-3 CIN Natural Science Electives* 8  Diversity Elective* 3 HIS  PROGRAM REQUIREMENTS 15 CIN150 Special Topics in Cinema I 3 Four CIN120 Special Topics in Cinema II 3 CIN CIN160 Women in Cinema 3 CIN CIN170 American Cinema 3 CIN Cinema Studies Elective‡ 3  FREE ELECTIVES 2-6		Psychology (PSY); Sociology (SOC) and Anthropology (ANT).		
Mathematics* 3-4 C16 Mathematics or Computer Science or Information Technology* 0-3 CIN Natural Science Electives* 8  Diversity Elective* 3 HIS  PROGRAM REQUIREMENTS 15 CIN150 Special Topics in Cinema I 3 Four CIN120 Special Topics in Cinema II 3 CIN CIN160 Women in Cinema 3 CIN CIN170 American Cinema 3 CIN Cinema Studies Elective‡ 3  FREE ELECTIVES 2-6		Mathematics, Natural Sciences, & Technology	12-14	Thir
Natural Science Electives*  Diversity Elective*  PROGRAM REQUIREMENTS  CIN150 Special Topics in Cinema I  CIN120 Special Topics in Cinema II  CIN160 Women in Cinema  CIN170 American Cinema  CIN Cinema Studies Elective‡  FREE ELECTIVES  3 HIS  Fou		· · · · · · · · · · · · · · · · · · ·	3-4	C16
Natural Science Electives*         8            Diversity Elective*         3         HIS           PROGRAM REQUIREMENTS         15           CIN150 Special Topics in Cinema I         3         Fou           CIN120 Special Topics in Cinema II         3         CIN           CIN160 Women in Cinema         3         CIN           CIN170 American Cinema         3            CIN Cinema Studies Elective‡         3            FREE ELECTIVES         2-6			0-3	CIN
Diversity Elective*         3         HIS           PROGRAM REQUIREMENTS         15           CIN150 Special Topics in Cinema I         3         Four           CIN120 Special Topics in Cinema II         3         CIN           CIN160 Women in Cinema         3         CIN           CIN170 American Cinema         3            CIN Cinema Studies Elective‡         3            FREE ELECTIVES         2-6		·	8	
PROGRAM REQUIREMENTS         15           CIN150 Special Topics in Cinema I         3         Fou           CIN120 Special Topics in Cinema II         3         CIN           CIN160 Women in Cinema         3         CIN           CIN170 American Cinema         3            CIN Cinema Studies Elective‡         3            FREE ELECTIVES         2-6				
CIN150 Special Topics in Cinema I       3       Foundation         CIN120 Special Topics in Cinema II       3       CIN         CIN160 Women in Cinema       3       CIN         CIN170 American Cinema       3          CIN Cinema Studies Elective‡       3          FREE ELECTIVES       2-6		Diversity Elective*	3	HIS.
CIN150 Special Topics in Cinema I       3       Foundation         CIN120 Special Topics in Cinema II       3       CIN         CIN160 Women in Cinema       3       CIN         CIN170 American Cinema       3          CIN Cinema Studies Elective‡       3          FREE ELECTIVES       2-6				
CIN120 Special Topics in Cinema II         3         CIN           CIN160 Women in Cinema         3         CIN           CIN170 American Cinema         3            CIN Cinema Studies Elective‡         3            FREE ELECTIVES         2-6				
CIN160 Women in Cinema       3       CIN         CIN170 American Cinema       3          CIN Cinema Studies Elective‡       3          FREE ELECTIVES       2-6		, ,		Fou
CIN170 American Cinema CIN Cinema Studies Elective‡  FREE ELECTIVES  3				
CIN Cinema Studies Elective‡ 3  FREE ELECTIVES 2-6				CIN
FREE ELECTIVES 2-6				.,,
FREE ELECTIVES 2-6		CIN Cinema Studies Elective‡	3	
TOTAL CREDITS 64-66		FREE ELECTIVES	2-6	
		TOTAL CREDITS	64-66	

#### RECOMMENDED SEMESTER SEQUENCE

First Sem	ester	
CIN140	introduction to Cinema	3
HIS	History Elective*	3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication or COM102 Public Speaking	3
WRT101	English Composition I	3
		15-16

Second Se	emester	
CIN150	Special Topics in Cinema I	3
4	Humanities Elective**	3
MAT/CIS/	Mathematics or Computer Science of	
INF	Information Technology Elective*†	3-4
	or	
	Free Elective†	3
WRT201	English Composition II	3
	Social Science Elective*	3
	Diversity Elective*	3
		18-19

#### **Third Semester**

C160	Women in Cinema	3
CIN170	American Cinema	3
	Natural Science Elective*	4
	Social Science Elective*	3
HIS	History Elective*	3
		16

#### Fourth Semester

CIN150	Special Topics in Cinema II	3
CIN	Cinema Studies Elective‡	3
	Natural Science Elective*	4
	Humanities Elective**	3
	Free Elective‡‡	2-4
		15-17

#### Specific Program Notes

\*General Education Elective(s) - see page 1.

\*\*General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

\*\*\*\*General Education Electives in Literature (L1T), Philosophy & Religion (PHR), or World Languages & Cultures (LAN) – see page 1. †If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡CIN150 Special Topics in Cinema I or CIN250 Special Topics in Cinema II can be taken twice for separate credit as long as the topic is different from a previously taken course.

‡‡‡Recommended: IST123 Success 101.

Program: Fine and Performing Arts - Music Option

Degree: Associate in Arts Code: AA.FPA.MUSIC

GENERAL EDUCATION REQUIREMENTS	45-47
Communication	9
COM COM100 Speech Communication or	3
COM102 Public Speaking	
WRT101 English Composition I	3
WRT201 English Composition II	3
History Electives*	6
Humanities Electives**	9
Three general education courses selected from the following	3
fields, with no more than two courses in any one field:	
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema	
Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR);	
World Languages and Cultures (LAN).	
Social Science Electives*	6
Two general education courses selected from the following	
fields, with no more than one course in any one field:	
Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).	
rsychology (PST), Sociology (SOC) and Antihopology (ANT).	
Mathematics, Natural Sciences, & Technology	12-14
Mathematics*	3-4
Mathematics or Computer Science or Information Technology*	0-3
Natural Science Electives*	8
Diversity Elective*	3
	•
PROGRAM REQUIREMENTS	16
MUS131 Class Piano I	2
MUS132 Music Theory I	2
MUS133 Ear Training and Musicianship I	2
MUS231 Class Piano II	2
MUS232 Music Theory II	2
MUS234 Ear Training and Musicianship II	2
MUA Applied Music	2
MUS Performance Ensembles	2
FREE ELECTIVES	2-6
TOTAL CREDITS	64-66

#### RECOMMENDED SEMESTER SEQUENCE

#### First Semester

MUS131	Class Piano I	2
MUA1	Applied Music I	1
MUS1	Performance Ensembles I	1
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
	Humanities Elective**	3
		16-17

#### **Second Semester**

MUS231	Class Piano II	2
MUA2	Applied Music II	1
MUS2	Performance Ensembles II	1
	Humanities Elective**	3
MAT/CIS/	Mathematics or Computer Science o	r
INF	Information Technology Elective*†	3-4
	or	
	Free Elective†	3
WRT201	English Composition II	3_
	Diversity Elective*	3
		16-17

#### **Third Semester**

MUS132	Music Theory I	2
MUS134	Ear Training & Musicianship I	2
HIS	History Elective*	3
	Humanities Elective**	3
	Natural Science Elective*	4
	Social Science Elective*	3
		17

#### Fourth Semester

MUS232	Music Theory II	2
MUS234	Ear Training & Musicianship II	2
HIS	History Elective*	3
	Natural Science Elective*	4
	Social Science Elective*	3_
	Free Elective‡	2-3
		16-17

#### Specific Program Notes

\*General Education Elective(s) – see page 1.

\*\*General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Recommended: IST123 Success 101 or another Music (MUS or MUAO course.

Program: Fine and Performing Arts – General Theatre Arts Option
Degree: Associate in Arts
Code: AA.FPA.THTR

GENERAL EDUCATION REQUIREMENTS	45-47
Communication	9
COM COM100 Speech Communication or COM102 Public Speaking	3
WRT101 English Composition I	3
WRT201 English Composition II	3
History Electives*	6
Humanities Electives**	9
Three general education courses selected from the following fields, with no more than two courses in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN).	
Social Science Electives* Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).	6
Mathematics, Natural Sciences, & Technology	12-14
Mathematics* Mathematics or Computer Science or Information Technology* Natural Science Electives*	3-4 0-3 8
Diversity Elective*	3
PROGRAM REQUIREMENTS	14-16
THR110 Basic Acting Techniques	3
THR120 Stage Makeup 1 THR131Intro. to Stagecraft & Lighting 1	3
THR113 Movement for the Performing Artist	2
or TUDOOO O Shada	3
THR220 Scene Study or	3
DAN124/THR124 Dance Appreciation	3
THR231 Stage Electrics	3
THR214 Audition Techniques	2
or THR217 Theatre Performance & Production	2
or THR232 Stage Management	1
or DAN Dance Technique Class***	1-2
THR215 Directing for the Stage	4
or THR216 Theatre Production Workshop	3

RECOMMENDED	SEMESTER	SEQUENCE
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First Sem	ester	
THR110	Basic Acting Techniques	3
THR131	Intro to Stagecraft & Lighting	3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication or COM102 Public Speaking	3
WRT101	English Composition I	3
		15-16

Second Se	emester	
THR120	Stage Makeup	1
THR113	Movement for the Performing Artist	2
	ог	
THR220	Scene Study	3
	or	
DAN/THR1	24 Dance Appreciation	3
	or	
THR231	Stage Electrics	3_
MAT/CIS/	Mathematics or Computer Science of	or
INF	Information Technology Elective*†	3-4
	ог	
	Free Elective†	3
WRT201	English Composition II	3
	Humanities Elective**	3
	Social Science Elective*	3
		15-17

Third Sen	nester	
THR214	Audition Techniques	2
1	Or	
THR217	Theatre Performance & Production	2
	or	
THR232	Stage Management	1
1	or	
DAN	Dance Technique Class***	1-2
HIS	History Elective*	3
	Humanities Electives**	6
	Natural Science Elective*	4
	Social Science Elective*	3
		18

Fourth Se	mester	
THR215	Directing for the Stage	3
	or	
THR216	Theatre Production Workshop	4
HIS	History Elective*	3
	Natural Science Elective*	4
	Diversity Elective*	3
*****	Free Elective‡	2-4
		15-18

#### Specific Program Notes

**FREE ELECTIVES TOTAL CREDITS** 

2-6

64-66

\*\*\*Dance Technique Classes - DAN102 Ballet; DAN103 Modern; DAN104 Tap; DAN105 Jazz; DAN108 Improvisation.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective). ‡Recommended: IST123 Success 101 or one of the following: COM106 TV Production; DFT210 Computer Aided Drafting; THR 236 Lighting Design.

<sup>\*</sup>General Education Elective(s) – see page 1.

\*\*General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1. Recommended: THR101 Introduction to the Theatre; MUS110 Music, Art, & Drama; THR109 History of the Musical Theatre; THR140 Introduction to the Cinema.

3 18-19

Program: Fine and Performing Arts – Acting Option

Degree: Associate in Arts Code: AA.FPA.THTR.ACT

	GENERAL EDUCATION REQUIREMENTS	45-47
	Communication	9
	COM COM100 Speech Communication or COM102 Public Speaking	3
1	WRT101 English Composition I	
	WRT201 English Composition II	3
	History Electives*	6
	Humanities Electives**  Three general education courses selected from the following fields, with no more than two courses in any one field:  Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN).	9
	Social Science Electives* Two general education courses selected from the following fields, with no more than one course in any one field: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).	6
	Mathematics, Natural Sciences, & Technology Mathematics*	<b>12-1</b> 4 3-4

Mathematics*	3-4
Mathematics or Computer Science or Information Technology*	0-3
Natural Science Electives*	8
Diversity Elective*	3
PROGRAM REQUIREMENTS	14-16
THR110 Basic Acting Techniques	3
THR120 Stage Makeup	1
THR131Intro. to Stagecraft & Lighting	3
THR113 Movement for the Performing Artist	2
or	
THR220 Scene Study	3
THR214 Audition Techniques	2
or	
THR217 Theatre Performance & Production	2
or	
THR232 Stage Management	1
or	
DAN Dance Technique Class***	1-2
THR215 Directing for the Stage	4

FREE ELECTIVES	2-6

#### RECOMMENDED SEMESTER SEQUENCE

Humanities Elective\*\*

First Sem	ester	
THR110	Basic Acting Techniques	3
THR131	Intro to Stagecraft & Lighting	_ 3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3

Second Se	emester	
THR113	Movement for the Performing Artist	2
İ	or	
THR220	Scene Study	3
MAT/CIS/	Mathematics or Computer Science	or
INF	Information Technology Elective*†	3-4
	or	
	Free Elective†	3
WRT201	English Composition II	3
	Humanities Elective**	3
	Social Science Elective*	3
		14-16

Third Sen	nester	
THR214	Audition Techniques	2
	or	
THR217	Theatre Performance & Production	2
	or	
THR232	Stage Management	1
	or	
DAN	Dance Technique Class***	1-2
HIS	History Elective*	3
	Humanities Elective**	3
	Natural Science Elective*	4
	Diversity Elective*	3
		14-15

Fourth Se	mester	
THR215	Directing for the Stage	3
	or	
THR216	Theatre Production Workshop	4
THR120	Stage Makeup	1
HIS	History Elective*	3
	Natural Science Elective*	4
	Social Science Elective*	3
	Free Elective‡	2-4
		16-17

#### Specific Program Notes

**TOTAL CREDITS** 

or
THR216 Theatre Production Workshop

\*General Education Elective(s) - see page 1.

\*\*General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1. Recommended: THR101 Introduction to the Theatre; MUS110 Music, Art, & Drama; THR109 History of the Musical Theatre; THR140 Introduction to the Cinema.

64-66

\*\*\*Dance Technique Classes – DAN102 Ballet; DAN103 Modern; DAN104 Tap; DAN105 Jazz; DAN108 Improvisation.
†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Recommended: IST123 Success 101 or one of the following: COM106 TV Production; DFT210 Computer Aided Drafting; THR 236 Lighting Design.

Program: Fine and Performing Arts - Dance Option
Degree: Associate in Arts
Gode: AA.FPA.THTR.DAN

GENERAL EDUCATION REQUIREMENTS	45-47	RECOMM	ENDED SEMESTER SEQUENCE	
Communication	9	First Seme	ester	
COM COM100 Speech Communication or	3	THR110	Basic Acting Techniques	3
COM102 Public Speaking		DAN102	Ballet	2
WRT101 English Composition I	3	MAT	Mathematics Elective*†	3-4
WRT201 English Composition II	3	COM	COM100 Speech Communication or COM102 Public Speaking	3
History Electives*	6	WRT101	English Composition I	3
		100000	Humanities Elective**	3
Humanities Electives**	9			17-18
Three general education courses selected from the following				11 10
fields, with no more than two courses in any one field:		Second S	emester	
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		THR113	Movement for the Performing Artist	2
Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR);		THR120	Stage Makeup	1
World Languages and Cultures (LAN).		DAN103	Modern Dance	1
World Languages and Cultures (LAN).		MAT/CIS/	Mathematics or Computer Science	
Social Science Electives*	6	INF	Information Technology Elective*†	3-4
Two general education courses selected from the following	0	IN	or	3-4
fields, with no more than one course in any one field:			Free Elective†	3
Economics (ECO); Geography (GEO); Political Science (POL);		WRT201	English Composition II	3
Psychology (PSY); Sociology (SOC) and Anthropology (ANT).		WICIZOT	Humanities Elective**	3
rsychology (FST), 306lology (SOC) and Antihopology (ANT).			Social Science Elective*	3
Mathematics, Natural Sciences, & Technology	12-14	*****	Oocial Ocience Liective	16-17
Mathematics*	3-4			10-17
Mathematics or Computer Science or Information Technology*	0-3	Third Sem	nester	
Natural Science Electives*	8	DAN104	Tap Dance	1
Natural Science Liectives	U	DAN105	Jazz Dance	1
Diversity Elective*	3	HIS	History Elective*	3
Diversity Liective	9		Humanities Elective**	3
PROGRAM REQUIREMENTS	15		Natural Science Elective*	4
THR110 Basic Acting Techniques	3	******	Diversity Elective*	3
THR 110 Basic Acting Techniques THR120 Stage Makeup	1	(+1)+1	Diversity Elective	15
				10
DAN124/THR124 Dance Appreciation	3 2	Fourth Co	manter	
THR113 Movement for the Performing Artist DAN102 Ballet	2	DAN108		- 4
	1		Dance Improvisation	1
DAN103 Modern Dance	•		124 Dance Appreciation	3
DAN104 Tap Dance	1	HIS	History Elective*	3
DAN105 Jazz Dance	1	*****	Natural Science Elective*	4
DAN108 Dance Improvisation	1		Social Science Elective*	3
			Free Elective:	2-4
FREE ELECTIVES	2-6			16-18

#### Specific Program Notes

\*General Education Elective(s) - see page 1.

\*\*General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1. Recommended: THR 01 Introduction to the Theatre; MUS110 Music, Art, & Drama; THR109 History of the Musical Theatre; THR140 Introduction to the Cinema.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Recommended: IST123 Success 101 or one of the following: COM106 TV Production; DFT210 Computer Aided Drafting; THR 236 Lighting Design.

Code: AA.FPA.THTR.TECH GENERAL EDUCATION REQUIREMENTS 45-47 RECOMMENDED SEMESTER SEQUENCE Communication 9 First Semester COM... COM100 Speech Communication or 3 THR110 Basic Acting Techniques 3 COM102 Public Speaking 3 THR131 Intro to Stagecraft & Lighting WRT101 English Composition I COM100 Speech Communication 3 3 COM... WRT201 English Composition II 3 or COM102 Public Speaking MAT... Mathematics Elective\*† 3-4 **History Electives\*** 6 **WRT101** English Composition I 3 15-16 **Humanities Electives\*\*** 9 Three general education courses selected from the following Second Semester fields, with no more than two courses in any one field: THR120 Stage Makeup 1 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema THR231 Stage Electrics 3 Studies [CIN]); Literature (LIT); Philosophy and Religion (PHR); MAT/CIS/ Mathematics or Computer Science or World Languages and Cultures (LAN). INF... Information Technology Elective\*† 3-4 or Social Science Electives\* 6 Free Elective† 3 English Composition II Two general education courses selected from the following WRT201 3 fields, with no more than one course in any one field; Humanities Elective\*\* 3 Economics (ECO); Geography (GEO); Political Science (POL); Social Science Elective\* 3 Psychology (PSY); Sociology (SOC) and Anthropology (ANT). 16-17 Mathematics, Natural Sciences, & Technology 12-14 Third Semester 2 Mathematics\* 3-4 THR217 Theatre Performance & Production Mathematics or Computer Science or Information Technology\* 0-3 Natural Science Electives\* **THR232** Stage Management 8 HIS... History Elective\* 3 **Diversity Elective\*** 3 Humanities Electives\*\* 6 Natural Science Elective\* 4 . . . . . . PROGRAM REQUIREMENTS 14-16 Diversity Elective\* 3 THR110 Basic Acting Techniques 17-18 3

Program: Fine and Performing Arts - Technical Theatre Production Option

Degree: Associate in Arts

# FREE ELECTIVES TOTAL CREDITS

THR120 Stage Makeup

THR231 Stage Electrics

THR215 Directing for the Stage

THR232 Stage Management

THR131Intro. to Stagecraft & Lighting

THR216 Theatre Production Workshop

THR217 Theatre Performance & Production

2-6 64-66

1

3

3

4

3

2

1

Fourth Semester

Directing for the Stage

Natural Science Elective\*

Social Science Elective\*

History Elective\*

Free Elective‡

Theatre Production Workshop

3

4

3

4

3 2-4

15-18

THR215

HIS...

#### Specific Program Notes

\*General Education Elective(s) – see page 1.

\*\*General Education Electives in Arts (ART, MUS,THR, CIN); Literature (LIT); Philosophy & Religion (PHR); or World Languages & Cultures (LAN) – see page 1. Recommended: THR101 Introduction to the Theatre; MUS110 Music, Art, & Drama; THR109 History of the Musical Theatre; THR140 Introduction to the Cinema.

†If a student's first-semester Mathematics elective is a 3-credit course, then s/he is required to select a second 3- or 4-credit elective in the second semester in Mathematics or Computer Science or Information Technology; and if a student's first-semester Mathematics elective is a 4-credit course, then s/he is required to take a 3-credit Free Elective in the second semester (which may be a second Mathematics elective).

‡Recommended: IST123 Success 101 or one of the following: COM106 TV Production; DFT210 Computer Aided Drafting; THR 236 Lighting Design.

AS Degree Program(s) in Natural Sciences or Mathematics (Aircraft Operations, Biology, Biotechnology, Chemistry, Computer Science, Mathematics, Physics)

		Curriculum Requirements		
Program: Natural Sciences and Mathematics – General Curriculum Degree: Associate in Arts Code: AS.NSM.GEN				
Area of Study	Credits	Course Description		
Communication	9	WRT101 English Composition I (3 cr.) WRT201 English Composition II (3 cr.) COM100 Speech Communication (3 cr.) or COM102 Public Speaking (3 cr.)		
Humanities	6	Two general education courses (6 cr.) to be selected from the following fields, with no more than one course (3 cr.) in any one field:  Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN])  Literature (LIT)  Philosophy and Religion (PHR)  World Languages and Cultures (LAN)		
Social Sciences	3	One general education course (3 cr.) to be selected from the following fields: Economics (ECO) Geography (GEO) Political Science (POL) Psychology (PSY) Sociology (SOC) and Anthropology (ANT)		
Mathematics, Natural Sciences, and Technology	12*	One or two 4-cr. general education courses (4-8 cr.) in Mathematics (MAT), Computer Science (CIS), or Information Technology (INF), one of which must be i Mathematics (MAT).  One or two 4-cr. general education courses (4-8 cr.) to be selected from the following fields: Biology (BIO) Chemistry (CHM) Physics (PHY)		
Total GE Credits:	30			
Restricted Program Requirements	22-24			
Program Support Requirements	9	Two general education courses (6 cr.) to be selected from the following fields, with no more than one course (3 cr.) in any one field:  Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN])  History (HIS)  Literature (LIT)  Philosophy and Religion (PHR)  World Languages and Cultures (LAN)  One general education course (3 cr.) to be selected from the following fields:  Economics (ECO)  Geography (GEO)  Political Science (POL)  Psychology (PSY)  Sociology (SOC) and Anthropology (ANT)		
Free Electives	3	Programs can make recommendations in footnotes.		

<sup>\*</sup>If a student takes 8 General Education Foundation credits in Mathematics, Computer Science, and Information Technology, then s/he must take 4 General Education Foundation credits in Natural Sciences; and if s/he takes 8 General Education Foundation credits in Natural Sciences, then s/he must take 4 General Education Foundation credits in Mathematics. Combination of Mathematics, Computer Science, Information Technology, and Natural Sciences in the Foundation = 12 credits.

**Total Credits** 

64-66

# ASSOCIATE IN SCIENCE (A.S.) DEGREE IN NATURAL SCIENCES OR MATHEMATICS

Degree: Associate in Science Code: AS.NSM.GEN **GENERAL EDUCATION REQUIREMENTS** 30 RECOMMENDED SEMESTER SEQUENCE Communication 9 First Semester COM... COM100 Speech Communication or Mathematics Elective\*† MAT... 3 4 COM102 Public Speaking Natural Sciences Elective' 4 WRT101 English Composition I 3 COM... COM100 Speech Communication 3 WRT201 English Composition II or COM102 Public Speaking 3 **WRT101** English Composition I 3 **Humanities Electives\*** Humanities Elective\* 3 6 Two general education courses selected from the following 17 fields, with no more than one course in any one field: Arts (Art [AR1], Music [MUS], Theatre Arts [THR], Cinema Second Semester Studies [CIN]); History (HIS); Literature (LIT); Philosophy and MAT/CIS/... Mathematics, Computer Science, 4 Religion (PHR); World Languages and Cultures (LAN). or Information Technology Elective\*† INF... Natural Sciences Elective\* 4 Social Science Elective\* 3 **WRT201** English Composition II 3 One general education course selected from the following 3 **Humanities Elective\*** . . . . . . fields: Economics (ECO); Geography (GEO); Political 3 Social Science Elective\* Science (POL); Psychology (PSY); Sociology (SOC) and 17 Anthropology (ANT). Third Semester Mathematics, Natural Sciences, and Technology Natural Science Electives 12 Mathematics\* 4 and/or Mathematics or Computer Science or Information Technology\* Mathematics Electives В MAT... 0 - 4Natural Science Electives\* 4-B and/or CIS... Computer Science Electives PROGRAM REQUIREMENTS 22-24 Humanities Elective\* 3 Social Science Elective\* 3 PROGRAM SUPPORT REQUIREMENTS 9 14 Two general education courses\* to be selected 6 from the following fields, with no more than one **Fourth Semester** In any one field: Arts (Art [ART], Music [MUS], Natural Science Electives . . . . . . Theatre Arts [THR], Cinema Studies [CIN]); and/or History (HIS); Literature (LIT); Philosophy and MAT... **Mathematics Electives** 10-12 Religion (PHR); World Languages and Cultures (LAN). and/or CIS.. Computer Science Electives One general education course\* to be selected 3 Humanities Elective\* 3 from the following fields: Economics (ECO); Free Elective## 3 Geography (GEO); Political Science (POL); 16-18 Psychology (PSY); Sociology (SOC) and Anthropology (ANT). FREE ELECTIVE## 3 **TOTAL CREDITS** 64-66

#### Specific Program Notes

\*General Education Elective(s) - see page 1.

Program: Natural Sciences or Mathematics - General Curriculum

†MAT280 Calculus I is required for all students in the AS Degree General Curriculum in Natural Sciences or Mathematics (AS.NSM.GEN). Each specific Natural Sciences or Mathematics Option (Aircraft Operations, Biology, Biotechnology, Chemistry, Computer Science, Mathematics, Physics) designates its own Mathematics requirements. ‡‡Recommended: IST123 Success 101.

**Note:** It is recommended that students select their advanced courses in the areas of Biology, Chemistry, Computer Science, Mathematics, or Physics.

Program: Natural Sciences or Mathematics – Aircraft Op Degree: Associate in Science Code: AS.NSM.AVT.OPR	erations Opti	ion		
GENERAL EDUCATION REQUIREMENTS	30 9	RECOMMENDED SEMESTER SEQUENCE First Semester		
Communication				
COM COM100 Speech Communication or	3	COM	COM100 Speech Communication	3
COM102 Public Speaking			or COM102 Public Speaking	
WRT101 English Composition I	3	HIS101	History of Western Civ. to the	
WRT201 English Composition II	3		Reformation	
			or	3
Humanities	6	HIS102	History of Western Civ. since the	
HIS101 History of Western Civ. to the Reformation			Reformation	
or	3	MAT150	Statistics I	3
HIS102 History of Western Civ. since the Reformation		PHY186	General Physics I	4
LIT201 American Literature to 1880		WRT101	English Composition !	3
or	3			16
LIT202 American Literature to the Present				
		Second S		
Social Science: ECO101 Macroeconomics	3	AVT100	Introduction to Aeronautics	3
		ECO101	Macroeconomics	3
Mathematics, Natural Science, and Technology	12	MAT	Mathematics Elective*	4
MAT Mathematics Elective*	4	PHY286	General Physics II	4
PHY186 General Physics I	4	WRT201	English Composition II	3
PHY286 General Physics II	4			17
PROGRAM REQUIREMENTS	24	Third Sen		
AVT100 Introduction to Aeronautics	3	AVT240	Aviation Safety	3
AVT115 Aviation Meteorology	1	LIT201	American Literature to 1880	
AVT240 Aviation Safety	3		or	3
MAT150 Statistics I	3	LIT202	American Lit 1880 to the Present	
MAT Mathematics Elective*	4	MAT	Mathematics Elective*	4
PHY114 Meteorology	4	POL101	American Government	3
WRT202 Technical Writing	3	WRT202	Technical Writing	3
Approved Elective†	3			16
PROOF AN OURDON'T PROUBLEMENTS		- 4.0		
PROGRAM SUPPORT REQUIREMENTS	9			
LIT203 World Literature to 1650		AVT115	Aviation Meteorology	1
or	3	LIT203	World Literature to 1650	_
LiT204 World Literature 1650 to the Present			or	3
POL101 American Government	3	LIT204	World Literature 1650 to the Present	
Humanities Ælective*	3	PHY114	Meteorology	4
	_		Approved Elective†	3
FREE ELECTIVE‡	3		Humanities Elective*	3
			Free Elective‡	3
TOTAL CREDITS	66			17

Specific Program Notes
\*General Education Elective(s) – see page 1. MAT180 and MAT280 are strongly recommended.
†A Humanities, Social Science, or AVT elective is strongly recommended for students planning to transfer to Vaughn College of Aeronautics and Technology.

‡Recommended: IST123 Success 101.

Program: Natural Sciences or Mathematics – Biology Opti Degree: Associate in Science Code: AS.NSM.BIO	ion			
GENERAL EDUCATION REQUIREMENTS	30	RECOMMENDED SEMESTER SEQUENCE		
Communication	9	First Semester		
COM COM100 Speech Communication or	3	BIO101 General Biology I	4	
COM102 Public Speaking	1	CHM140 General Chemistry I*	3	
WRT101 English Composition I	3	CHM141 General Chemistry I Laboratory	1	
WRT201 English Composition II	3	MAT180 Precalculus	4	
		WRT101 English Composition I	3	
Humanities Electives**	6		15	
Two general education courses selected from the following				
fields, with no more than one course in any one field:		Second Semester		
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		BIO203 General Biology II	4	
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		CHM240 General Chemistry II	3	
Religion (PHR); World Languages and Cultures (LAN).		CHM241 General Chemistry II Laboratory	1	
0 1101 51 11 11	_	MAT150 Statistics I	3	
Social Science Elective**	3	or NAATOOO Collection to	4	
One general education course selected from the following		MAT280 Calculus I	4	
fields: Economics (ECO); Geography (GEO); Political		WRT201 English Composition II Humanities Elective**	3	
Science (POL); Psychology (PSY); Sociology (SOC) and			7-18	
Anthropology (ANT).			7-10	
Mathematics, Natural Sciences, and Technology	12	Third Semester		
MAT180 Precalculus	4	BIO Biology Elective***	4	
CHM140 General Chemistry I	3	Natural Science Elective		
CHM141 General Chemistry I Laboratory	1	or	4	
Natural Science Elective**		MAT/CIS Mathematics or Computer	•	
Or	4	Science Elective**		
MAT/CIS Math or Computer Science Elective**		Humanities Elective**	3	
		Social Science Elective**	3	
		Free Elective‡	3	
PROGRAM REQUIREMENTS	23-24		17	
BIO101 General Biology I	4			
BIO203 General Biology II	4	Fourth Semester		
BIO Biology Electives†	8	BIO Biology Elective***	4	
CHM240 General Chemistry II	3	COM COM100 Speech Communication	3	
CHM241 General Chemistry II Laboratory	1	or COM102 Public Speaking		
MAT150 Statistics I	3	Humanities Electives**	6	
or		Social Science Elective**	3	
MAT280 Calculus I	4		16	
PROGRAM SUPPORT REQUIREMENTS Two general education courses** to be selected from the following fields, with no more than one In any one field: Arts (Art [ART], Music [MUS],	<b>9</b> 6			
Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN).  One general education course** to be selected	3	Specific Program Notes  *If a student needs to complete CHM100 Introduction to Chemistry before registering for CHM140 General Chemistry I, CHM100 can be used as the Natural Science Elective in the third semester.		
from the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).	3	**General Education Elective(s) – see page 1.  ***Students must choose among the following courses: BIO201, BIO202, BIO225, BIO227, BIO2 or BIO229.  ‡Recommended: IST123 Success 101; or WEX10		
FREE ELECTIVE‡	3	(2 cr.) and a WEX experience course (1 cr.): WEX WEX204, WEX205, WEX206, or WEX208; or a		
TOTAL CREDITS	65-66	general education elective.	_	

GENERAL EDUCATION REQUIREMENTS	30	RECOMM	ENDED SEMESTER SEQUENCE	
Communication	0	First Sem	estes	
COM COM100 Speech Communication or	3	BIO101	General Biology I	4
COM102 Public Speaking	3	CHM140	General Chemistry I	3
WRT101 English Composition I	3	CHM141	General Chemistry   Laboratory	1
WRT201 English Composition II	3	WRT101	English Composition I	3
THE ENGINE COMPOSITION IN	Ū		Humanities Elective*	3
Humanities Electives*	6	*****	Social Science Elective*	3
Two general education courses selected from the following				1
fields, with no more than one course in any one field:				
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		Second S		
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		BIO203	General Biology II	4
Religion (PHR); World Languages and Cultures (LAN).		CHM240	General Chemistry II	3
		CHM241	General Chemistry II Laboratory	1
Social Science Elective*	3	MAT150	Statistics I	3
One general education course selected from the following		WRT201	English Composition II	3
fields: Economics (ECO); Geography (GEO); Political		*****	Humanities Elective*	3
Science (POL); Psychology (PSY); Sociology (SOC) and				17
Anthropology (ANT).		Third D.		
Mathematica Natural Calculate and Technology	40	Third Sen		
Mathematics, Natural Sciences, and Technology MAT180 Precalculus	12 4	BIO210 MAT180	Introduction to Biotechnology Precalculus	4
CHM140 General Chemistry I	3		Humanities Electives*	6
CHM141 General Chemistry I Laboratory	1	******	Social Science Elective*	3
CHM240 General Chemistry II	3	816049	Social Science Elective	17
CHM241 General Chemistry II Laboratory	1			
,		Fourth Se	emester	
		BIO211	Introduction to Bioinformatics	4
PROGRAM REQUIREMENTS	23	MAT280	Calculus I	4
BIO101 General Biology I	4	COM	COM100 Speech Communication	3
BIO203 General Biology II	4		or COM102 Public Speaking	
BIO210 Introduction to Biotechnology	4	*****	Free Elective**	3
BIO211 Introduction to Bioinfomatics	4			14
MAT150 Statistics I	3			
MAT280 Calculus I	4			
PROGRAM SUPPORT REQUIREMENTS	9			
Two general education courses* to be selected	6			
from the following fields, with no more than one				
In any one field: Arts (Art [ART], Music [MUS],				
Theatre Arts [THR], Cinema Studies [CIN]);				
History (HIS); Literature (LIT); Philosophy and				
Religion (PHR); World Languages and Cultures (LAN).				
One general education course* to be selected	3			
from the following fields: Economics (ECO);	_			
Geography (GEO); Political Science (POL);				
Psychology (PSY); Sociology (SOC) and				
Anthropology (ANT).				
FREE ELECTIVE**	3			
TOTAL CREDITS	65			

\*General Education Elective(s) - see page 1.

<sup>\*\*</sup>Recommended: IST123 Success 101; or students may choose WEX101 Dynamics of Health and Fitness (2 cr.) plus a WEX experience course (1 cr.): WEX201, WEX202, WEX204, WEX205, WEX206, or WEX208.

GENERAL EDUCATION REQUIREMENTS	30	RECOMM	ENDED SEMESTER SEQUENCE	
Communication	9	First Sem		
COM COM100 Speech Communication or	3	CHM140	General Chemistry I	3
COM102 Public Speaking		CHM141	General Chemistry I Laboratory	1
WRT101 English Composition I	3	MAT180	Precalculus	4
WRT201 English Composition II	3	COM	COM100 Speech Communication or COM102 Public Speaking	3
Humanities Electives*	6	WRT101	English Composition I	3
Two general education courses selected from the following			Humanities Elective*	3
fields, with no more than one course in any one field:				17
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema				
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		Second S	emester	
Religion (PHR); World Languages and Cultures (LAN).		CHM240	General Chemistry II	3
		CHM241	General Chemistry II Laboratory	1
Social Science Elective*	3	MAT280	Calculus I	4
One general education course selected from the following		WRT201	English Composition II	3
fields: Economics (ECO); Geography (GEO); Political			Humanities Elective*	3
Science (POL); Psychology (PSY); Sociology (SOC) and			Free Elective†	3
Anthropology (ANT).			Liee Flective I	— <u> </u>
Anthropology (ANT).				- 17
Mathematics, Natural Sciences, and Technology	12	Third Sen	nester	
MAT180 Precalculus	4	CHM260	Organic Chemistry I	4
MAT280 Calculus I	4	MAT281	Calculus II	4
CHM140 General Chemistry I	3	PHY280	Physics I	4
CHM141 General Chemistry I Laboratory	1		Social Science Elective*	3
Chivitat General Chemistry (Laboratory	'		Social Science Elective	15
PROGRAM REQUIREMENTS	24			- 10
CHM240 General Chemistry II	3	Fourth Se	mester	
CHM241 General Chemistry II Laboratory	1	CHM262	Organic Chemistry II	4
CHM260 Organic Chemistry I	4	PHY290	Physics II	4
CHM262 Organic Chemistry II	4		Humanities Electives*	6
MAT281 Calculus II	4		Social Science Elective*	3
PHY280 Physics I	4		Occiai Ocience Liective	17
PHY290 Physics II	4			- 17
1111 200 1 Hysics II	4			
PROGRAM SUPPORT REQUIREMENTS	9			
Two general education courses* to be selected	6			
from the following fields, with no more than one				
In any one field: Arts (Art [ART], Music [MUS],				
Theatre Arts [THR], Cinema Studies [CIN]),				
History (HIS); Literature (LIT); Philosophy and				
Religion (PHR); World Languages and Cultures (LAN).				
One general advantion courses to be selected	2			
One general education course* to be selected	3			
from the following fields: Economics (ECO); Geography (GEO); Political Science (POL),				
Geography IGEOT: Political Science (POL).				
Psychology (PSY); Sociology (SOC) and				
Psychology (PSY); Sociology (SOC) and	3			
Psychology (PSY); Sociology (SOC) and Anthropology (ANT).	3 66			

Program: Natural Sciences or Mathematics - Chemistry Option

Specific Program Notes
\*General Education Elective(s) – see page 1.
†Students may choose WEX101 Dynamics of Health and Fitness (2 cr.) plus a WEX experience course (1 cr.): WEX201, WEX202, WEX204, WEX205, WEX206, or WEX208; or IST123 Success 101; or a General Education Elective.

GENERAL EDUCATION REQUIREMENTS	30	RECOMM	ENDED SEMESTER SEQUENCE	
Communication	9	First Sem	ester	
COM COM100 Speech Communication or	3	CIS165	Fundamentals of Programming	3
COM102 Public Speaking		MAT280	Calculus I	4
WRT101 English Composition I WRT201 English Composition II	3	COM	COM100 Speech Communication or COM102 Public Speaking	3
<u></u>		WRT101	English Composition I	3
Humanities Electives*	6	PHR103	Basic Logic	3
Two general education courses selected from the following fields, with no more than one course in any one field:				16
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		Second S		
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		CIS265	Advanced Programming Concepts	3
Religion (PHR); World Languages and Cultures (LAN).		CIS271	Computer Org. & Assembly Lang.	3
0.1.0.1	•	MAT281	Calculus II	4
Social Science Elective*	3	WRT201	English Composition II	3
One general education course selected from the following		,	Humanities Elective*†	3
fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and				16
Anthropology (ANT).		Third Sen	nester	
		CIS277	Data Structures & Algorithms	3
Mathematics, Natural Sciences, and Technology	12	CIS288	Discrete Math for Computer Science	4
MAT280 Calculus I	4	PHY280	Physics I**	4
Natural Science Electives*	8	*****	Humanities Elective*†	3
		417719	Social Science Elective*‡	3
PROGRAM REQUIREMENTS	22-24			17
CIS165 Fundamentals of Programming	3			
CIS265 Advanced Programming Concepts	3	Fourth Se		
CIS271 Computer Org. & Assembly Lang.	3	CIS/MAT	Computer Sci or Math Elective***	3-4
CIS277 Data Structures & Algorithms	3	PHY290	Physics II**	4
CIS288 Discrete Math for Comp. Sci.	4	*****	Social Science Elective*‡	3
MAT281 Calculus II	4	*****	Humanities Elective*†	3
CIS/MAT Computer Sci. or Math Elective	3-4	*****	Free Elective‡‡	3
				16-17
PROGRAM SUPPORT REQUIREMENTS	9			
PHR103 Basic Logic	3			
One general education course to be selected from	3			
the following fields: Arts (Art[ART], Music [MUS],				
Theatre Arts [THR], Cinema Studies [CIN]); History (HIS);				
Literature (LIT); World languages and Cultures (LAN).				
One general education course* to be selected	3			
from the following fields: Economics (ECO);				
Geography (GEO); Political Science (POL);				
Psychology (PSY); Sociology (SOC) and				
Anthropology (ANT).				
FREE ELECTIVE‡‡	3			
TOTAL CREDITS	64-66			

\*General Education Elective(s) – see page 1.
\*\*CHM140 General Chemistry I and CHM141 General Chemistry Lab I may replace PHY280; and CHM240 General Chemistry II and CHM141 General Chemistry Lab II may replace PHY290.

\*\*\*Choose one of the following: CIS289, CIS287, C1S278, C1S266, MAT282, MAT283, MAT286; PHY291.

†Recommended: PHR203 Intermediate Logic.

‡Recommended: ECO101 Macroeconomics or PSY101 General Psychology.

Program: Natural Sciences or Mathematics - Computer Science Option

‡‡One of the following is recommended: IST123 Success 101, CIS289, CIS256, CIS278, CIS287, MAT282, MAT286, PHY291.

Degree: Associate in Science Code: AS.NSM.MATH **GENERAL EDUCATION REQUIREMENTS** 30 RECOMMENDED SEMESTER SEQUENCE Communication 9 **First Semester** COM... COM100 Speech Communication or MAT280 Calculus I 4 3 COM102 Public Speaking PHR103 Basic Logic 3 WRT101 English Composition I 3 COM... COM100 Speech Communication 3 or COM102 Public Speaking WRT201 English Composition II 3 **WRT101 English Composition I** 3 **Humanities Electives\*** Natural Science Elective\*† 6 4 Two general education courses selected from the following 17 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Calculus II **MAT281** 4 Religion (PHR); World Languages and Cultures (LAN). **WRT201** English Composition II 3 EC0101 Macroeconomics 3 Social Science Elective\* 3 3 Humanities Elective\* One general education course selected from the following Natural Science Elective\*† 4 fields: Economics (ECO); Geography (GEO); Political 17 Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). Third Semester MAT282 Calculus III 4 Mathematics, Natural Science, and Technology 12 **MAT286** Linear Algebra 4 MAT280 Calculus I Humanities Elective<sup>1</sup> 3 4 MAT281 Calculus II Mathematics or Natural Science 4 3-4 ..... Natural Science Elective\* 4 Elective‡ 14-15 **PROGRAM REQUIREMENTS** 22-24 MAT282 Calculus III 4 Fourth Semester MAT283 Differential Equations Differential Equations 4 4 MAT283 MAT286 Linear Algebra Mathematics or Natural 3-4 4 Science Elective‡ Mathematics or Natural Science Electives\*\*\* 6-8 Natural Science Elective\* Social Science Elective 4 3 Humanities Elective ## 3 **PROGRAM SUPPORT REQUIREMENTS** 9 Free Elective ### 3 PHR103 Basic Logic 3 16-17 **ECO101 Macroeconomics** 3 One general education course to be selected from 3 the following fields: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); World languages and Cultures (LAN). FREE ELECTIVE ### 3 **TOTAL CREDITS** 64-66

### **Specific Program Notes**

\*General Education Elective(s) - see page 1.

Program: Natural Sciences or Mathematics - Mathematics Option

†The student must complete one of the following 8-credit sequences: CHM140/141 and CHM240/241, or PHY186 and PHY286, or PHY280 and PHY290.

‡The student must choose from among the following courses: MAT155, MAT265, MAT285, CHM140/141, CHM240/241, PHY186, PHY280, PHY290, PHY291.

‡‡One general education course to be selected from the following fields: Arts (Art [ART], Cinema Studies [CIN], Music [MUS], Theatre Arts [THR]); History (HIS); Literature (LIT); World Languages and Cultures (LAN) ‡±1Recommended: IST123 Success 101.

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CENEDAL EDUCATION DECLUDEMENTS	30	DECOMM	ENDED SEMESTED SECUENCE	
GENERAL EDUCATION REQUIREMENTS	30	RECOMM	ENDED SEMESTER SEQUENCE	
Communication	9	First Sem		
COM COM100 Speech Communication or	3	MAT280	Calculus I	4
COM102 Public Speaking		PHY280	Physics I	4
WRT101 English Composition I WRT201 English Composition II	3 3	COM	COM100 Speech Communication or COM102 Public Speaking	3
		WRT101	English Composition I	3
Humanities Electives*	6	*****	Social Science Elective*	3
Two general education courses selected from the following				17
fields, with no more than one course in any one field:				
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		Second S		
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		MAT281	Calculus II	4
Religion (PHR); World Languages and Cultures (LAN).		PHY290	Physics II	4
		WRT201	English Composition II	3
Social Science Elective*	3	*****	Humanities Elective*	3
One general education course selected from the following			Free Elective**	3
fields: Economics (ECO); Geography (GEO); Political				17
Science (POL); Psychology (PSY); Sociology (SOC) and				
Anthropology (ANT).		Third Sen		
		MAT282	Calculus III	4
Mathematics, Natural Science, and Technology	12	PHY291	Physics III	4
MAT280 Calculus I	4	******	Humanities Elective*	3
MAT281 Calculus II	4	*****	Natural Science Elective***	4
PHY280 Physics I	4			15
PROGRAM REQUIREMENTS	24	Fourth Se	emester	
PHY290 Physics II	4	PHY294	Engineering Mechanics	4
PHY291 Physics III	4		Natural Science Elective***	4
PHY294 Engineering Mechanics	4	,	Humanities Elective*	6
MAT282 Calculus III	4	*****	Social Science Elective*	3
Natural Science Elective***	4			17
Natural Science Elective***	4	· N		
PROGRAM SUPPORT REQUIREMENTS	9			
Two general education courses* to be selected	6			
from the following fields, with no more than one				
In any one field: Arts (Art [ART], Music [MUS],				
Theatre Arts [THR], Cinema Studies [CIN]);				
History (HIS); Literature (LIT); Philosophy and				
Religion (PHR); World Languages and Cultures (LAN).				
One general education course* to be selected	3			
from the following fields: Economics (ECO);				
Geography (GEO); Political Science (POL);				
Psychology (PSY); Sociology (SOC) and				
Anthropology (ANT).				
FREE ELECTIVE**	3			
TOTAL CREDITS	66			

Specific Program Notes
\*General Education Elective(s) – see page 1.

Program: Natural Sciences or Mathematics - Physics Option

<sup>\*\*</sup>CIS270 Programming for Scientific Applications (3 cr.), is strongly recommended; or WEX101 Dynamics of Health and Fitness (2 cr.) plus a WEX experience course (1 cr.): WEX201, WEX202, WEX204, WEX205, WEX206, or WEX208; or IST123 Success 101.
\*\*\*CHM140/141 General Chemistry I and CHM240/241 General Chemistry II are recommended.

# AS Degree Program in Engineering Science

THE CANADA TO A STATE OF
Program: Engineering Science
Degree: Associate in Arts
Code: AS.ENGIN.SCI

Area of Study	Credits	Course Description
Communication	9	WRT101 English Composition I (3 cr.) WRT201 English Composition II (3 cr.) COM100 Speech Communication (3 cr.) or COM102 Public Speaking (3 cr.)
Humanities	6	Two general education courses (6 cr.) to be selected from the following fields, with no more than one course (3 cr.) in any one field:  Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN])  Literature (LIT)  Philosophy and Religion (PHR)  World Languages and Cultures (LAN)
Social Sciences	3	One general education course (3 cr.) to be selected from the following fields: Economics (ECO) Geography (GEO) Political Science (POL) Psychology (PSY) Sociology (SOC) and Anthropology (ANT)
Mathematics and Natural Sciences	12*	One or two 4-cr. general education courses (4-8 cr.) in Mathematics (MAT)  One or two 4-cr. general education courses (4-8 cr.) to be selected from the following fields: Biology (BIO) Chemistry (CHM) Physics (PHY)
Total GE Credits:	30	
Restricted Program Requirements	33	
Free Electives	3	Programs can make recommendations in footnotes.
Total Credits	64-66	

**Curriculum Regulrements** 

<sup>\*</sup>If a student takes 8 General Education Foundation credits in MAT, then s/he must take 4 General Education Foundation credits in Natural Sciences; and if s/he takes 8 General Education Foundation credits in Natural Sciences, then s/he must take 4 General Education Foundation credits in MAT. Combination of MAT and Natural Sciences in the Foundation = 12 credits.

Degree: Associate in Science Code: AS.ENGIN.SCI **GENERAL EDUCATION REQUIREMENTS** 30 RECOMMENDED SEMESTER SEQUENCE Communication 9 **First Semester** COM... COM100 Speech Communication or 3 **MAT280** Calculus I COM102 Public Speaking **PHY280** Physics I 4 3 WRT101 English Composition I CHM140 General Chemistry I 3 WRT201 English Composition II 3 General Chemistry I Lab **CHM141** 1 **DFT107** Drafting I 2 English Composition I **Humanities Electives\*** 6 **WRT101** 3 Two general education courses selected from the following 17 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema **Second Semester** Studies [CIN]); History (HIS); Literature (LIT); Philosophy and PHY290 Physics II 4 Religion (PHR); World Languages and Cultures (LAN) **MAT281** Calculus II 4 CIS270 Programming for Scientific 4 Social Science Elective\* 3 **Applications** One general education course selected from the following CHM240 General Chemistry II 3 fields: Economics (ECO); Geography (GEO); Political CHM241 General Chemistry II Lab 1 Science (POL); Psychology (PSY); Sociology (SOC) and WRT201 English Composition II 3 Anthropology (ANT) 18 **Mathematics and Natural Sciences** 12 Third Semester MAT280 Calculus I PHY291 Physics III 4 4 MAT281 Calculus II 4 **MAT282** Calculus III 4 PHY280 Physics I 4 COM... COM100 Speech Communication 3 or COM102 Public Speaking **PROGRAM REQUIREMENTS** 33 Humanities Elective\*† 3 Social Science Elective\*‡ PHY290 Physics II 4 3 PHY291 Physics III 4 17 PHY294 Engineering Mechanics 4 CHM140 General Chemistry I 3 **Fourth Semester** CHM141 General Chemistry | Lab PHY294 **Engineering Mechanics** 1 4 3 CHM240 General Chemistry II MAT283 Differential Equations 4 CHM241 General Chemistry II Lab 1 3 Humanities Elective\*† ..... CIS270 Programming for Scientific Applications 3 Free Elective±± 3 2 DFT107 Drafting ( MAT282 Calculus III 4 MAT283 Differential Equations 4 FREE ELECTIVE ## 3 **TOTAL CREDITS** 66

### Specific Program Notes

Program: Engineering Science

\*General Education Elective(s) - see page 1.

†Recommended: HIS101 History of Western Civilization to the Reformation and HIS102 History of Western Civilization since the Reformation

‡Recommended: ECO101 Macro Economics ‡‡ Recommended: ECO201 Micro Economics

# AS Degree Program(s) in Professional Studies

# Curriculum Requirements

Program: Professional Studies - General Curriculum

Degree: Associate in Science Code: AS.PS.GEN

Area of Study	Credits	Course Description
Communication	9	WRT101 English Composition I (3 cr.) WRT201 English Composition II (3 cr.) COM100 Speech Communication (3 cr.) or COM102 Public Speaking (3 cr.)
Humanities	6	Two general education courses (6 cr.) to be selected from the following fields, with no more than one course (3 cr.) in any one field:  Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN])  Literature (LIT)  Philosophy and Religion (PHR)  World Languages and Cultures (LAN)
Social Sciences	3	One general education course (3 cr.) to be selected from the following fields: Economics (ECO) Geography (GEO) Political Science (POL) Psychology (PSY) Sociology (SOC) and Anthropology (ANT)
Mathematics and	11-12	One 3-cr. or 4-cr. general education course in Mathematics (MAT)  Two general education courses (8 cr.) to be selected from the following fields:
Natural Sciences	11-12	Biology (BIO) Chemistry (CHM) Physics (PHY)
General Education Elective	0-3	If needed to reach the Foundation minimum of 30-32 credits, one course from the BCC General Education course list. If not needed for that purpose, then 3-credit Free Elective.
Total GE Credits:	30-32	
AS/PS Program Support Requirements in Humanities and Social Sciences	12	Three general education courses (9 cr.) to be selected from the following fields, with no more than two courses (6 cr.) in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR]) History (HIS) Literature (LIT) Philosophy and Religion (PHR) World Languages and Cultures (LAN)  One general education course (3 cr.) to be selected from the following fields: Economics (ECO) Geography (GEO) Political Science (POL) Psychology (PSY) Sociology (SOC) and Anthropology (ANT)
AS/PS Program Requirements	15-18	,,
Free Electives	3-6	
Total Credits	64-66	

3-4 3 3 3 15-16

3

15

6 3-6 3-6 16-19

GENERAL EDUCATION REQUIREMENTS	30-32	RECOMMENDED SEMESTER SEQUENCE
Communication	9	First Semester
COM COM100 Speech Communication or	3	MAT Mathematics Elective*
COM102 Public Speaking		COM COM100 Speech Communication
WRT101 English Composition I	3	or COM102 Public Speaking
WRT201 English Composition II	3	WRT101 English Composition I
		Humanities Elective*
Humanities Electives*	6	Program Requirements
Two general education courses selected from the following		
fields, with no more than one course in any one field:		
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		Second Semester
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		WRT201 English Composition II
Religion (PHR); World Languages and Cultures (LAN)		Humanities Elective*
		Social Science Elective*
Social Science Elective*	3	General Education Elective*
One general education course selected from the following		or
fields: Economics (ECO); Geography (GEO); Political		Free Elective**
Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT)		Program Requirements
Mathematics and Natural Sciences	11-12	Third Semester
Mathematics*	3-4	Natural Science Elective*
Natural Science Electives*	8	Humanities Elective*
		Social Science Elective*
Additional General Education Elective	0-3	Program Requirements
If needed to reach the Foundation minimum of 30-32		
credits, take one course from the BCC General Education		
course list. If an additional course is not needed for that		Fourth Semester
purpose, then the student may take a 3-credit free		Natural Science Elective*
elective or no additional credit in this category.		Humanities Electives*
		Program Requirements
PROGRAM SUPPORT REQUIREMENTS	12	Free Elective**
Three general education courses (9 cr.) selected from the	9	
following fields, with no more than two courses in any one field:		
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		
Religion (PHR); World Languages and Cultures (LAN)		
One general education course (3 cr.) to be selected from	3	
the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT)		
PROGRAM REQUIREMENTS	15-18	
FREE ELECTIVES**	3-6	
TOTAL CREDITS	64-66	

Program: Professional Studies – General Curriculum Degree: Associate in Science

Specific Program Notes
\*General Education Elective(s) – see page 1.
\*\*Recommended: IST123 Success 101.

Code: AS.PS.AVT.ADM **GENERAL EDUCATION REQUIREMENTS** 30 Communication 9 COM... COM100 Speech Communication or 3 COM102 Public Speaking WRT101 English Composition I 3 WRT201 English Composition II 3 **Humanities** 6 HIS101 History of Western Civ. to the Reformation 3 HIS102 History of Western Civ. since the Reformation LIT201 American Literature to 1880 3 LIT202 American Literature to the Present Social Science: ECO101 Macroeconomics 3 **Mathematics and Natural Sciences** 12 MAT180 Precalculus 4 PHY186 General Physics I 4 PHY286 General Physics II 4 **PROGRAM REQUIREMENTS** 18 ACC101 Accounting I 3 ACC110 Financial Accounting **AVT100 Introduction to Aeronautics** 3 AVT240 Aviation Safety 3 BUS101 Introduction to Business 3 BUS110 Transportation Logistics & Supply Chain Management 3 **BUS207 Principles of Management** WRT202 Technical Writing 3 PROGRAM SUPPORT REQUIREMENTS 12 LIT203 World Literature to 1650 or 3 LIT204 World Literature 1650 to the Present LAN110 French I 3 LAN113 Spanish I LAN200 French II 3 LAN130 Spanish II POL101 American Government 3 FREE ELECTIVE or MAT280 Calculus I\* **TOTAL CREDITS** 64

Program: Professional Studies - Aviation Administration Option

Degree: Associate in Science

#### RECOMMENDED SEMESTER SEQUENCE

First Sem	ester	
ACC101	Accounting I	
	or	3
ACC110	Financial Accounting	
BUS101	Introduction to Business	3
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
MAT180	Precalculus	4
WRT101	English Composition I	3
		16

Second Se	emester	
AVT100	Introduction to Aeronautics	3
BUS110	Trans. Logistics & Supply Chain Mgmt	
	or	3
BUS207	Principles of Management	
ECO101	Macroeconomics	3
*****	Free Elective*	
	or	4
MAT280	Calculus I*	
WRT201	English Composition II	3
		16

Third Sem	ester	
HIS101	History of Western Civ. to the	-
1	Reformation	
	or	3
HIS102	History of Western Civ. since the	
L	Reformation	
LAN110	French I	
	or	3
LAN113	Spanish I	
LIT201	American Literature to 1880	
	or	3
LIT202	American Lit 1880 to the Present	
PHY186	General Physics I	4
WRT202	Technical Writing	3
		16

Fourth Se	emester	
AVT240	Aviation Safety	3
LAN200	French II	
1	or	3
LAN230	Spanish II	
LIT203	World Literature to 1650	
	or	3
LIT204	World Literature 1650 to the Present	
PHY286	General Physics II	4
POL101	American Government	3
		16

Specific Program Notes

\*MAT280 is strongly recommended for students planning to transfer to Vaughn College of Aeronautics and Technology.

ENERAL EDUCATION REQUIREMENTS	30-32	RECOMM	ENDED SEMESTER SEQUENCE	
ommunication	9	First Seme		
OM COM100 Speech Communication or	3	MAT	Mathematics Elective*	3
COM102 Public Speaking		COM	COM100 Speech Communication	
/RT101 English Composition I	3		or COM102 Public Speaking	
/RT201 English Composition II	3	WRT101	English Composition I	
			Humanities Elective*	
umanities Electives*	6	COM101	Mass Media of Communication	
wo general education courses selected from the following				15-
elds, with no more than one course in any one field:				
rts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		Second Se	emester	
tudies [CIN]); History (HIS); Literature (LIT); Philosophy and		WRT201	English Composition II	
eligion (PHR); World Languages and Cultures (LAN)		,,	Humanities Elective*	
Songton (1 th t), the last garages and calculos (2 http			Social Science Elective*	_
ocial Science Elective*	3		General Education Elective*	_
ocial science Elective one general education course selected from the following	3	*****		
		Ì	or Free Elective**	
elds: Economics (ECO); Geography (GEO); Political		0014400		
cience (POL); Psychology (PSY); Sociology (SOC) and		COM103	Intro to Radio/TV Production	
nthropology (ANT)				
lathematics and Natural Sciences	11-12	Third Sen		
fathematics*	3-4	*****	Natural Science Elective*	
latural Science Electives*	8	1	Humanities Elective*	
			Social Science Elective*	
dditional General Education Elective*	0-3	COM105	Radio Production	
needed to reach the Foundation minimum of 30-32		COM106	TV Production I	
redits, take one course from the BCC General Education		00111100	TTTTOGGMONT	
ourse list. If an additional course is not needed for that		L		
urpose, then the student must take a 3-credit free elective.		Fourth Se	montar	
urpose, then the student must take a 3-credit free elective.				
			Natural Science Elective*	
			Humanities Electives*	
ROGRAM SUPPORT REQUIREMENTS	12	COM205	Advanced Radio Production	
hree general education courses (9 cr.) selected from the	9		or	
bllowing fields, with no more than two courses in any one field:		COM208	Directing for TV	
rts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		COM207	TV Production II	
tudies [CIN]); History (HIS); Literature (LIT); Philosophy and			or	
leligion (PHR); World Languages and Cultures (LAN)		COM207	Video Post Production	
		,,,,,	Free Elective**	
ne general education course (3 cr.) to be selected from	3	L		
ne following fields: Economics (ECO); Geography (GEO);				
olitical Science (POL); Psychology (PSY); Sociology (SOC)				
nd Anthropology (ANT)				
,				
ROGRAM REQUIREMENTS	18			
OM101 Mass Media of Communication	3			
OM103 Intro to Radio/TV Production	3			
OM105 Radio Production	3			
OM106 TV Production 1	3			
OM205 Advanced Radio Production	— <u> </u>			
Or	3			
OM208 Directing for TV	٦			
OM207 TV Production II				
	3			
Of OM207 Video Post Braduation	3			
OM207 Video Post Production				
REE ELECTIVES**	3-6			
OTAL CREDITS	65-66			

Degree: Associate in Science Code: AS.PS.BUS.ADM GENERAL EDUCATION REQUIREMENTS 30-32 RECOMMENDED SEMESTER SEQUENCE Communication **First Semester** 9 COM... COM100 Speech Communication or 3 ACC110 Financial Accounting 3 COM102 Public Speaking BUS101 Intro to Business Administration 3 WRT101 English Composition I 3 MAT... Mathematics Elective\*† 3-4 WRT201 English Composition II COM100 Speech Communication 3 COM... 3 or COM102 Public Speaking **Humanities Electives\*** 6 WRT101 English Composition I 3 Two general education courses selected from the following 15-16 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester Studies [CIN]); History (HIS); Literature (LIT); Philosophy and ACC210 Managerial Accounting 3 Religion (PHR); World Languages and Cultures (LAN). Business Elective± 3 English Composition II 3 **WRT201** Social Science Course: ECO101 Macroeconomics 3 Humanities Electives\* 6 EC0101 Macroeconomics 3 Mathematics and Natural Sciences 11-12 18 Mathematics\*† 3 - 4Natural Science Electives\* 8 **Third Semester** Business Elective‡ 3 Additional General Education Elective 0-3 ECO201 Microeconomics 3 If needed to reach the Foundation minimum of 30-32 credits, take one course from the BCC General Education **PSY101** General Psychology 3 course list. If an additional course is not needed for that OF Sociology purpose, then the student must take a 3-credit free elective. SOC101 3 Humanities Electives\* 6 PROGRAM SUPPORT REQUIREMENTS Natural Science Elective\* 12 4 Three general education courses (9 cr.) selected from 16 the following fields, with no more than two courses in any one field: Arts (Art [ART], Music [MUS], Theatre Fourth Semester Arts [THR], Cinema Studies [CtN]); History (HIS); **Business Elective**‡ 3 Literature (LIT); Philosophy and Religion (PHR); Humanities Elective\* 3 World Languages and Cultures (LAN), Natural Science Elective\* 4 General Education Elective\* ..... One of the following Social Science courses: 3 3 or ECO201 Microeconomics\* Free Elective ## PSY101 General Psychology 3 Free Elective ### SOC101 Sociology 16 PROGRAM REQUIREMENTS 18 **ACC110 Financial Accounting** 3 ACC210 Managerial Accounting 3 **BUS101 Intro to Business Administration** 3 ..... Business Electives‡ 9

#### **Specific Program Notes**

**FREE ELECTIVES** 

**TOTAL CREDITS** 

\*General Education Elective - See Page 1.

†General Education Elective in Mathematics – before selecting your Mathematics elective, check the requirements of the schools you are considering for transfer. If you are uncertain about where you plan to transfer, the following courses are transferable to business programs at a number of local colleges: MAT150, MAT155, MAT180, or MAT223.

3-6

64-66

‡Any BUS course, or INF101, or BNF201. Before selecting your Business electives, check the requirements of the schools you are considering for transfer. If you are uncertain about where you plan to transfer, the following courses are transferable to business programs at a number of local colleges: BUS201, BUS207, BUS203, BUS2034, or INF101.

‡‡Recommended: BUS463 Co-op Work Experience (Business Administration.)

Program: Professional Studies - Business Administration - General Option

‡‡‡Recommended: IST123 Success 101 or WEX101 (2 cr.) and a WEX experience course (1 cr.): WEX201, WEX204, WEX205, WEX206, or WEX208.

Code: AS.PS.BUS.ACCT **GENERAL EDUCATION REQUIREMENTS** 30-32 RECOMMENDED SEMESTER SEQUENCE Communication First Semester COM... COM100 Speech Communication or Intro to Business Administration 3 BUS101 3 COM102 Public Speaking ECO101 Macroeconomics 3 MAT... 3 Mathematics Elective\*† WRT101 English Composition I 3-4 WRT201 English Composition II 3 COM... COM100 Speech Communication 3 or COM102 Public Speaking **Humanities Electives\*** 6 WRT101 English Composition I 3 Two general education courses selected from the following 15-16 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Financial Accounting 3 ACC110 Religion (PHR); World Languages and Cultures (LAN). BUS201 Marketing Principles 3 ECO201 Microeconomics 3 Social Science Course: ECO101 Macroeconomics WRT201 English Composition II 3 3 Humanities Electives\* 6 **Mathematics and Natural Sciences** 11-12 18 Mathematics\*† 3-4 Natural Science Electives\* Third Semester 8 ACC210 Managerial Accounting 3 **Business Elective**‡ Additional General Education Elective 0-3 3 ..... If needed to reach the Foundation minimum of 30-32 Humanities Electives' 6 Natural Science Elective\* credits, take one course from the BCC General Education 4 16 course list. If an additional course is not needed for that purpose, then the student must take a 3-credit free elective. Fourth Semester Intermediate Accounting I PROGRAM SUPPORT REQUIREMENTS 12 ACC202 3 Three general education courses (9 cr.) selected from Humanities Elective\* 3 Natural Science Elective\* the following fields, with no more than two courses in 4 any one field: Arts (Art [ART], Music [MUS], Theatre General Education Elective\* . . . . . . Arts [THR], Cinema Studies [CIN]); History (HIS); 3 or Literature (LIT); Philosophy and Religion (PHR); Free Elective‡‡ World Languages and Cultures (LAN). Free Elective ## 3 ,,.,. 16 Social Science Course: ECO201 Microeconomics 3 **PROGRAM REQUIREMENTS** 18 ACC110 Financial Accounting 3 ACC210 Managerial Accounting 3 3 ACC202 Intermediate Accounting I

Program: Professional Studies - Business Administration - Accounting Option

Degree: Associate in Science

#### Specific Program Notes

**BUS201 Marketing Principles** 

..... Business Elective‡

**FREE ELECTIVES** 

**TOTAL CREDITS** 

\*General Education Elective - See Page 1.

BUS101 Intro to Business Administration

†General Education Elective in Mathematics - before selecting your Mathematics elective, check the requirements of the schools you are considering for transfer. If you are uncertain about where you plan to transfer, the following courses are transferable to business programs at a number of local colleges: MAT150, MAT155, MAT180, or MAT223. **#BUS207 or INF101.** 

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±‡Recommended: IST123 Success 101 or WEX101 (2 cr.) and a WEX experience course (1 cr.): WEX201, WEX204, WEX205, WEX206, or WEX208.

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Program: Professional Studies - Hospitality Option Degree: Associate in Science Code: AS.PS.BUS.HOSP **GENERAL EDUCATION REQUIREMENTS** 30-32 RECOMMENDED SEMESTER SEQUENCE Communication **First Semester** COM... COM100 Speech Communication or Financial Accounting 3 ACC110 COM102 Public Speaking Intro to Business Administration BUS101 WRT101 English Composition I 3 HRM101 Intro to Hospitality Management WRT201 English Composition II MAT... Mathematics Elective\* 3 WRT101 English Composition | **Humanities Electives\*\*** 6 Two general education courses selected from the following fields, with no more than one course in any one field: Second Semester Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Managerial Accounting ACC210 Studies [CIN]); History (HIS); Literature (LIT); Philosophy and COM... COM100 Speech Communication or COM102 Public Speaking Religion (PHR); World Languages and Cultures (LAN). WRT201 English Composition II Social Science Course: ECO101 Macroeconomics Humanities Electives\*\* 3 EC0101 Macroeconomics **Mathematics and Natural Sciences** 11-12 Mathematics\* 3-4 Natural Science Electives\*\* **Third Semester** 8 Hotel/Restaurant/Hospitality . . . . . . Elective\*\*\* **Additional General Education Elective** 0-3 If needed to reach the Foundation minimum of 30-32 ECO201 Microeconomics credits, take one course from the BCC General Education course list. If an additional course is not needed for that **PSY101** General Psychology purpose, then the student must take a 3-credit free elective. or Sociology SOC101 PROGRAM SUPPORT REQUIREMENTS Humanities Electives\*\* 12 Three general education courses (9 cr.) selected from Natural Science Elective\* ..... the following fields, with no more than two courses in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); **Fourth Semester** Literature (LIT); Philosophy and Religion (PHR); Business Elective\*\*\*\* World Languages and Cultures (LAN). Humanities Elective\*\* Natural Science Elective\* . . . . . One of the following Social Science courses: 3 General Education Elective® ..... ECO201 Microeconomics\* or Free Elective† PSY101 General Psychology SOC101 Sociology Free Electivet **PROGRAM REQUIREMENTS** 18 ACC110 Financial Accounting 3 ACC210 Managerial Accounting 3 BUS101 Intro to Business Administration 3 HRM101 Intro to Hospitality Management 3 ..... Hotel/Restaurant/Hospitality\*\*\* 3 ..... Business Electives\*\*\*\* 3 **FREE ELECTIVES** 3-6 **TOTAL CREDITS** 65-66

Specific Program Notes

\*General Education Elective - See Page 1. General Education Elective in Mathematics – before selecting your Mathematics elective, check the requirements of the schools you are considering for transfer. If you are uncertain about where you plan to transfer, the following courses are transferable to business programs at a number of local colleges: MAT150, MAT155, MAT180, or MAT223.

\*\*General Education Elective - See Page 1. Recommended Humanities Electives: six credits of Literature; three credits of Philosophy; and six credits of one World Language.

\*\*\*HRM104, ACC206, or HRM/LGL219.

\*\*\*\*BUS201, BUS207, or BUS/HRM129.

†Recommended: IST123 Success 101 or INF101 Introduction to Information Technology.

Code: AS.PS.BUS.INTL GENERAL EDUCATION REQUIREMENTS 30-32 RECOMMENDED SEMESTER SEQUENCE First Semester Communication 9 COM... COM100 Speech Communication or Financial Accounting 3 ACC110 3 COM102 Public Speaking BUS101 Intro to Business Administration 3 WRT101 English Composition I 3 Mathematics Elective\*† MAT... 3-4 WRT201 English Composition II 3 COM... COM100 Speech Communication 3 or COM102 Public Speaking WRT101 English Composition I 3 **Humanities Electives\*** 6 Two general education courses selected from the following 15-16 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema **Second Semester** Studies [CIN]); History (HIS); Literature (LIT); Philosophy and ACC210 Managerial Accounting 3 Religion (PHR); World Languages and Cultures (LAN). BUS262 3 Fundamentals of Internat'l Business **WRT201** English Composition II 3 Social Science Course: ECO101 Macroeconomics 3 Humanities Electives\* 6 ECO101 Macroeconomics 3 **Mathematics and Natural Sciences** 11-12 18 Mathematics\*† Natural Science Electives\* **Third Semester** 8 Business International Trade Elective‡ 3 ECO201 **Additional General Education Elective** 0-3 Microeconomics 3 If needed to reach the Foundation minimum of 30-32 or PSY101 General Psychology 3 credits, take one course from the BCC General Education course list. If an additional course is not needed for that or purpose, then the student must take a 3-credit free elective. SOC101 Sociology 3 Humanities Electives\* 6 PROGRAM SUPPORT REQUIREMENTS Natural Science Elective\* 12 4 Three general education courses (9 cr.) selected from 9 16 the following fields, with no more than two courses in any one field: Arts (Art [ART], Music [MUS], Theatre Fourth Semester Arts [THR], Cinema Studies [CIN]); History (HIS); Business Elective‡‡ 3 Literature (LIT); Philosophy and Religion (PHR); Humanities Elective<sup>4</sup> 3 World Languages and Cultures (LAN). Natural Science Elective\* 4 General Education Elective\* One of the following Social Science courses: 3 3 ٥ľ ECO201 Microeconomics\* Free Elective ### PSY101 General Psychology Free Elective #### 3 SOC101 Sociology 16 PROGRAM REQUIREMENTS 18 **ACC110 Financial Accounting** 3 ACC210 Managerial Accounting 3 **BUS101 Intro to Business Administration** 3 **BUS262 Fundamentals of International Business** 3 ..... Business International Trade Elective‡ 3 ..... Business Elective ## 3 **FREE ELECTIVES** 3-6 **TOTAL CREDITS** 64-66

Program: Professional Studies - Business Administration - International Trade Option

Degree: Associate in Science

#### Specific Program Notes

\*General Education Elective - See Page 1.

†General Education Elective in Mathematics – before selecting your Mathematics elective, check the requirements of the schools you are considering for transfer. If you are uncertain about where you plan to transfer, the following courses are transferable to business programs at a number of local colleges: MAT150, MAT155, MAT180, or MAT223. ‡BUS202, BUS207, BNF208.

±±BUS201, BUS207, INF101.

‡‡‡Recommended: BUS463 Co-op Work Experience with an international trade position.

‡‡‡‡Recommended: IST123 Success 101 or WEX101 (2 cr.) and a WEX experience course (1 cr.): WEX201, WEX204, WEX205, WEX206, or WEX208.

Program: Professional Studies - Business Administration - Management Option Degree: Associate in Science Code: AS.PS.BUS.MGMT

GENERAL EDUCATION REQUIREMENTS	30-32
Communication	9
COM COM100 Speech Communication or COM102 Public Speaking	3
WRT101 English Composition I	3
WRT201 English Composition II	3
Humanities Electives* Two general education courses selected from the following fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN).	6
Social Science Course: ECO101 Macroeconomics	3
Mathematics and Natural Sciences	11-12
Mathematics*†	3-4
Natural Science Electives*	8
Additional General Education Elective If needed to reach the Foundation minimum of 30-32 credits, take one course from the BCC General Education course list. If an additional course is not needed for that purpose, then the student must take a 3-credit free elective.	0-3
PROGRAM SUPPORT REQUIREMENTS Three general education courses (9 cr.) selected from the following fields, with no more than two courses in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN).	<b>12</b> 9
One of the following Social Science courses: ECO201 Microeconomics* PSY101 General Psychology SOC101 Sociology	3
PROGRAM REQUIREMENTS ACC110 Financial Accounting ACC210 Managerial Accounting BUS101 Intro to Business Administration BUS207 Principles of Management Business Electives‡ FREE ELECTIVES	18 3 3 3 3 6

#### RECOMMENDED SEMESTER SEQUENCE

First Semo	ester	
ACC110	Financial Accounting	3
BUS101	Intro to Business Administration	3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
		15-16

Second Semester ACC210 Managerial Accounting

		18
ECO101	Macroeconomics	3
	Humanities Electives*	6
WRT201	English Composition II	3
BUS207	Principles of Management	3
ACC210	Managerial Accounting	3

**Third Semester** 

Business Elective‡	3
Microeconomics	3
or	
General Psychology	3
or	
Sociology	3_
Humanities Electives*	_ 6
Natural Science Elective*	4
	16
	Microeconomics or General Psychology or Sociology Humanities Electives*

# **Fourth Semester**

 Business Elective‡	3
 Humanities Elective*	3
 Natural Science Elective*	4
 General Education Elective*	
or	3
 Free Elective‡‡	
 Free Elective‡‡‡	3
	16

#### **Specific Program Notes**

**TOTAL CREDITS** 

\*General Education Elective - See Page 1.

†General Education Elective in Mathematics - before selecting your Mathematics elective, check the requirements of the schools you are considering for transfer. If you are uncertain about where you plan to transfer, the following courses are transferable to business programs at a number of local colleges: MAT150, MAT155, MAT180, or MAT223.

64-66

‡BUS170, BUS201, BUS205, BUS208, BUS209, BUS223, BUS224, INF101.

‡‡Recommended: BUS463 Co-op Work Experience with a managerial position.

‡‡‡Recommended: IST123 Success 101 or WEX101 (2 cr.) and a WEX experience course (1 cr.): WEX201, WEX204, WEX205, WEX206, or WEX208.

Program: Professional Studies - Business Administration - Marketing Option

Degree: Associate in Science Code: AS.PS.BUS.MKTG

GENERAL EDUCATION REQUIREMENTS	30-32
Communication	9
COM COM100 Speech Communication or COM102 Public Speaking	3
WRT101 English Composition I WRT201 English Composition II	3 3
Humanities Electives* Two general education courses selected from the following fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN).	6
Social Science Course: ECO101 Macroeconomics	3
Mathematics and Natural Sciences Mathematics*† Natural Science Electives*	<b>11-12</b> 3-4 8
Additional General Education Elective If needed to reach the Foundation minimum of 30-32 credits, take one course from the BCC General Education course list. If an additional course is not needed for that purpose, then the student must take a 3-credit free elective.	0-3
PROGRAM SUPPORT REQUIREMENTS  Three general education courses (9 cr.) selected from the following fields, with no more than two courses in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN).	<b>12</b> 9
One of the following Social Science courses: ECO201 Microeconomics* PSY101 General Psychology SOC101 Sociology	3
PROGRAM REQUIREMENTS ACC110 Financial Accounting ACC210 Managerial Accounting BUS101 Intro to Business Administration BUS201 Marketing Principles BUS Business Marketing Elective‡ Business Elective‡‡	18 3 3 3 3 3 3
FREE ELECTIVES	3-6

#### RECOMMENDED SEMESTER SEQUENCE

#### **First Semester**

ACC110	Financial Accounting	3
BUS101	Intro to Business Administration	3
MAT	Mathematics Elective*†	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
		15-16

#### Second Semester

ACC210	Managerial Accounting	3
BUS201	Marketing Principles	3
WRT201	English Composition II	3
	Humanities Electives*	6
ECO101	Macroeconomics	3
		18

#### Third Semester

TITITU OCIL	103(0)	
BUS	Business Marketing Elective:	3
ECO201	Microeconomics	3
	or	
PSY101	General Psychology	3
	or	
SOC101	Sociology	3
*****	Humanities Electives*	6
	Natural Science Elective*	4
		16

# Fourth Semester

1 Ourth c	3611163161	
*****	Business Elective‡‡	3
	Humanities Elective*	3
	Natural Science Elective*	4
	General Education Elective*	
	or	3
	Free Elective‡‡‡	
	Free Elective‡‡‡‡	3
		16

# Specific Program Notes

**TOTAL CREDITS** 

\*General Education Elective - See Page 1.

†General Education Elective in Mathematics – before selecting your Mathematics elective, check the requirements of the schools you are considering for transfer. If you are uncertain about where you plan to transfer, the following courses are transferable to business programs at a number of local colleges: MAT150, MAT155, MAT180, or MAT223. ‡BUS203, BUS210, BUS250.

64-66

‡‡BUS207, BUS223, BUS271, INF101.

###Recommended: BUS463 Co-op Work Experience with a marketing position.

‡‡‡‡Recommended: IST123 Success 101 or WEX101 (2 cr.) and a WEX experience course (1 cr.): WEX201, WEX204, WEX205, WEX206, or WEX208.

Program: Professional Studies - Nonprofit Management Option Degree: Associate in Science Code: AS.PS.BUS.NONPRF.MGT GENERAL EDUCATION REQUIREMENTS 30-32 RECOMMENDED SEMESTER SEQUENCE Communication **First Semester** COM... COM100 Speech Communication or 3 3 ACC110 Financial Accounting COM102 Public Speaking **BUS115** 3 Intro to Nonprofit Organizations WRT101 English Composition I 3 COM... COM100 Speech Communication 3 WRT201 English Composition II 3 or COM102 Public Speaking ECQ101 3 Macroeconomics Humanities Electives\*\* 6 WRT101 English Composition I 3 Two general education courses selected from the following 15 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester Studies [CIN]); History (HIS); Literature (LIT); Philosophy and 3 ACC210 Managerial Accounting Religion (PHR); World Languages and Cultures (LAN). ECO201 Microeconomics 3 or Social Science Course: ECO101 Macroeconomics 3 **PSY101** General Psychology 3 or Sociology **Mathematics and Natural Sciences** 11-12 SOC101 3 Mathematics' Mathematics Elective\* 3-4 3-4 MAT... Natural Science Electives\*\* 8 Humanities Elective\*\* 3 **WRT201** English Composition II 3 Additional General Education Elective 0 - 3Nonprofit Course Elective\*\*\* 3 If needed to reach the Foundation minimum of 30-32 18-19 credits, take one course from the BCC general education course list. If an additional course is not needed for that **Third Semester** purpose, then the student must take a 3-credit free elective. Business Administration Elective \*\*\*\*\* 3 Humanities Electives\* 9 PROGRAM SUPPORT REQUIREMENTS Natural Science Elective 12 4 Three general education courses (9 cr.) selected from 16 the following fields, with no more than two courses in any one field; Arts (Art [ART], Music [MUS], Theatre **Fourth Semester** Arts [THR], Cinema Studies [CIN]); History (HIS); Business Administration Elective\*\*\*\*\* 3 Literature (LIT); Philosophy and Religion (PHR); Humanities Elective\*\* 3 ..... World Languages and Cultures (LAN). Natural Science Elective\*\* 4 General Education Elective\*\* . . . . . . One of the following Social Science courses: 3 3 or ECO201 Microeconomics Free Elective† **PSY101 General Psychology** Free Elective‡ 3 SOC101 Sociology 16 PROGRAM REQUIREMENTS 18 **ACC110 Financial Accounting** 3 ACC210 Managerial Accounting 3 **BUS115 Intro to Nonprofit Organizations** 3 ..... Business Administration Electives\*\*\* 6 ..... Nonprofit Course Elective\*\* 3

### **Specific Program Notes**

**FREE ELECTIVE**‡

**TOTAL CREDITS** 

\*General Education Elective in Mathematics - See Page 1. Before selecting your Mathematics elective, check the requirements of the schools you are considering for transfer. If you are uncertain about where you plan to transfer, the following courses are transferable to business programs at a number of local colleges: MAT150, MAT155, MAT180, or MAT223.

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\*\*General Education Elective – See Page 1. Students seeking careers in theatre management should select THR101 and THR109 among their Humanities electives.

\*\*\*Select BUS116, LGL209, ACC115 or BUS117, CRJ113, LIT220, POL101, or SOC102. Students seeking careers in theatre management should select BUS116, LGL209, or ACC115.

\*\*\*\*Select from: BUS129, BUS201, BUS207, or BUS208.

†Recommended: General Education course or Co-Op in vocational area of interest.

‡Recommended: IST123 Success 101, INF101, or SOC113. Students seeking careers in theatre management should select INF114, BUS250, THR110, or THR131.

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Program: Professional Studies – Criminal Justice Option Degree: Associate in Science Code: AS.PS.CRIMJ		
GENERAL EDUCATION REQUIREMENTS	30-32	RECOMMENDED SEMESTER SEQUENCE
Communication	9	First Semester
COM COM100 Speech Communication or	3	CRJ101 Introduction to Criminal Justice
COM102 Public Speaking		CRJ113 The Juvenile Justice Process
WRT101 English Composition I	3	WRT101 English Composition I
WRT201 English Composition II	3	Humanities Elective*†
		Social Science Elective*
Humanities Electives*	6	
Two general education courses selected from the following		
fields, with no more than one course in any one field:		Second Semester
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		CRJ109 Contemporary Issues in Policing
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		WRT201 English Composition II
Religion (PHR); World Languages and Cultures (LAN).		Humanities Electives*
Carial Calanas Floathart	2	Social Science Elective*
Social Science Elective*	3	Free Elective**
One general education course selected from the following fields: Economics (ECO); Geography (GEO); Political		
Science (POL); Psychology (PSY); Sociology (SOC) and		Third Semester
Anthropology (ANT).		CRJ105 Police Administration
Antiropology (AIV).		COM COM100 Speech Communication
Mathematics and Natural Sciences	11-12	or COM102 Public Speaking
Mathematics*	3-4	MAT Mathematics Elective*
Natural Science Electives*	8	Natural Science Elective*
		Humanities Elective*
Additional General Education Course	3	
MAT/CIS Math/Computer Science Elective (3 cr.)*		
, , ,		Fourth Semester
PROGRAM SUPPORT REQUIREMENTS	12	CRJ103 Criminal Law
Three general education courses (9 cr.) selected from the	9	CRJ107 Criminology
following fields, with no more than two courses in any one field:		MAT/CIS Math/Computer Science Elective*
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		Natural Science Elective*
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		Humanities Elective*
Religion (PHR); World Languages and Cultures (LAN).		
One general education course (3 cr.) to be selected from the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).	3	
PROGRAM REQUIREMENTS	18	
CRJ101 Introduction to Criminal Justice	3	
CRJ103 Criminal Law	3	
CRJ105 Police Administration	3	
CRJ107 Criminology	3	
CRJ109 Contemporary Issues in Policing	3	
CRJ113 The Juvenile Justice Process	3	
FREE ELECTIVE**	3	
TOTAL CREDITS	65-66	

# Specific Program Notes

\*General Education Elective(s) – see page 1. Recommended Humanities electives: HIS111, HIS112, PHR103. Recommended Social Science electives: SOC101, PSY101.

\*\*Recommended: IST123 Success 101; or WEX101 Dynamics of Health and Fitness (2 cr.) plus a WEX experience course (1 cr.):

WEX201, WEX202, WEX204, WEX205, WEX206, or WEX208.

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Program: Professional Studies – Education Option Degree: Associate in Science Code: AS.PS.EDU		
GENERAL EDUCATION REQUIREMENTS	30-32	RECOMMENDED SEMESTER SEQUENCE
Communication	9	First Semester
COM COM100 Speech Communication or	3	EDU101 Introduction to Education
COM102 Public Speaking		MAT Mathematics Elective*
WRT101 English Composition I	3	COM100 Speech Communication
WRT201 English Composition II	3	COM COM100 Speech Communication or COM102 Public Speaking
Humanities Electives*	6	Humanities Elective*
Two general education courses selected from the following		
fields, with no more than one course in any one field:		
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		Second Semester
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		EDU461 Educational Co-op
Religion (PHR); World Languages and Cultures (LAN).		WRT201 English Composition II
	_	Humanities Elective*
Social Science Elective*	3	Social Science Elective*†
One general education course selected from the following fields: Economics (ECO); Geography (GEO); Political		General Education Elective*†† or
Science (POL); Psychology (PSY); Sociology (SOC) and		Free Elective††
Anthropology (ANT).		PSY101 General Psychology
Mathematica and Material College	44.40	
Mathematics and Natural Sciences Mathematics*	11-12	Third Compates
Natural Science Electives*	3-4 8	Third Semester  EDU103 Principles & Practices in Education
Natural Science Electives	0	EDU102 Introduction to Special Education
Additional General Education Elective	0-3	Natural Science Elective*
If needed to reach the Foundation minimum of 30-32	0-3	2.1 (2)
credits, take PSY201 Child Psychology. If an additional		Out 1 Out and Charles Add to
course is not needed for that purpose, then the student		Social Science Elective TTT
must take a 3-credit free elective.		
		Fourth Semester
PROGRAM SUPPORT REQUIREMENTS	12	EDU110 Foundations of Multicultural Ed.
Three general education courses (9 cr.) selected from the	9	Natural Science Elective*
following fields, with no more than two courses in any one field:		Humanities Electives*
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		Free Elective(s)††††
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		
Religion (PHR); World Languages and Cultures (LAN).		
One general education course (3 cr.) to be selected from	3	
the following fields: Economics (ECO); Geography (GEO);		
Political Science (POL); Psychology (PSY); Sociology (SOC)		
and Anthropology (ANT).		
PROGRAM REQUIREMENTS	15-16	
EDU101 Introduction to Education	3	
EDU461 Educational Co-op	1	
EDU103 Principles & Practices in Education	3	
EDU102 Introduction to Special Education	3	
EDU110 Foundations of Multicultural Education	3	
PSY101 General Psychology	3	
FREE ELECTIVES	3-6	
TOTAL CREDITS	64-66	

Specific Program Notes
\*General Education Elective(s) – see page 1.

†SOC102 Introduction to Human Services recommended.
†PSY201 Child Psychology recommended.
††SOC102 Sociology of the Family recommended.
†††Recommended: IST123 Success 101 or PSY202 Psychology of Adolescence.

Degree: Associate in Science Code: AS.PS.EXER **GENERAL EDUCATION REQUIREMENTS** 30-32 RECOMMENDED SEMESTER SEQUENCE **First Semester** Communication 9 COM... COM100 Speech Communication or Cardiopulmonary Resuscitation & 3 3 WEX159 COM102 Public Speaking **Emergency First Aid** WRT101 English Composition I 3 WEX164 **Exercise Science** 3 **WRT101** 3 WRT201 English Composition II 3 English Composition I MAT... Mathematics Elective\* 3-4 **Humanities Electives\*** 6 **Humanities Elective\*** 3 Two general education courses selected from the following 15-16 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema **Second Semester** Studies [CIN]); History (HIS); Literature (LIT); Philosophy and **WEX182** Fitness Measurement 3 Religion (PHR); World Languages and Cultures (LAN). **WEX184** Sports Medicine I - Theory 3 and Practice COM... 3 Social Science Elective\* 3 COM100 Speech Communication One general education course selected from the following or COM102 Public Speaking WRT201 English Composition II fields: Economics (ECO); Geography (GEO); Political 3 Science (POL); Psychology (PSY); Sociology (SOC) and Social Science Elective\* 3 Anthropology (ANT). General Education Elective\* .... 3 Free Elective\*\* **Mathematics and Natural Sciences** 11-12 18 Mathematics\* 3-4 Natural Science Electives\* 8 **Third Semester** Additional General Education Elective\* 0-3 WEX106 Nutrition for Exercise & Fitness 3 If needed to reach the Foundation minimum of 30-32 Natural Science Elective\* 4 credits, take one course from the BCC General Education **Humanities Elective\*** 6 ..... course list. If an additional course is not needed for that Social Science Elective\* 3 purpose, then the student must take a 3-credit free elective. 16 PROGRAM SUPPORT REQUIREMENTS Fourth Semester 12 Three general education courses (9 cr.) selected from the 9 **WEX183** Programs & Principles of 3 Conditioning following fields, with no more than two courses in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Natural Science Elective\* 4 Studies [CIN]); History (HIS); Literature (LIT); Philosophy and **Humanities Electives\*** 6 Religion (PHR); World Languages and Cultures (LAN). Free Elective\*\* 3 16 3 One general education course (3 cr.) to be selected from the following fields: Economics (ECO); Geography (GEO): Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). PROGRAM REQUIREMENTS 18 WEX159 Cardiopulmonary Resuscitation & Emergency First Aid 3 3 WEX164 Exercise Science WEX182 Fitness Measurement 3 WEX184 Sports Medicine I - Theory and Practice 3 WEX106 Nutrition for Exercise & Fitness 3 WEX183 Programs & Principles of Conditioning 3 FREE ELECTIVES\*\* 3-6 **TOTAL CREDITS** 65-66

#### Specific Program Notes

\*General Education Elective(s) – see page 1.

Program: Professional Studies - Exercise Science Option

<sup>\*\*</sup>Recommended: IST123 Success 101 or another course recommended by the program concentration (may include WEX101 and WEX200 level courses).

GENERAL EDUCATION REQUIREMENTS	30-32	RECOMME	ENDED SEMESTER SEQUENCE	
Communication	9	First Seme	ster	
COM COM100 Speech Communication or	3	BIO109	Anatomy & Physiology I	
COM102 Public Speaking		MOA140	Medical Terminology	
WRT101 English Composition I	3	WRT101	English Composition I	
WRT201 English Composition II	3		Humanities Electives*	
				1
Humanities Electives*	6	0-44-4-5-	4	
Two general education courses selected from the following		Second Se		
fields, with no more than one course in any one field:		BIO209	Anatomy & Physiology II	
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		HSC1XX	Cross-Cultural Healthcare	
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		PSY101	General Psychology	
Religion (PHR); World Languages and Cultures (LAN).		WRT201	English Composition II	
Secial Science Courses DOVADA Consul Development	•		Humanities Elective*	
Social Science Course: PSY101 General Psychology	3			11
Mathematics and Natural Sciences	11-12	Third Seme	ester	
MAT150 Statistics I	3		XX Healthcare Ethics & Law	
BIO109 Anatomy & Physiology I	4		XX Intro to Health Administration	
BIO209 Anatomy & Physiology II	4	SOC101	Sociology	
		MAT150	Statistics I	
Additional General Education Elective*	3		Humanities Elective*	
	-	******	General Education Elective*	- 3
PROGRAM SUPPORT REQUIREMENTS	12			1
Three general education courses (9 cr.) selected from the	9			
following fields, with no more than two courses in any one field	:	Fourth Sen	nester	
Arls (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		HSC2XX	Community Health	;
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		HSC2XX	Nutrition	- (
Religion (PHR); World Languages and Cultures (LAN).		COM	COM100 Speech Communication	- ;
			or COM102 Public Speaking	
One general education course (3 cr.) in the Social Sciences:	3		Humanities Elective*	
SOC101 Sociology			Free Elective**	
				1
PROGRAM REQUIREMENTS	18			
HSC1XX Cross-Cultural Healthcare	3			
HSC/LGL2XX Healthcare Ethics & Law	3			
HSC/BUS2XX Intro to Health Administration	3			
HSC2XX Community Health	3			
HSC2XX Nutrition	3			
MOA140 Medical Terminology	3			
FREE ELECTIVE**	3			
TOTAL CREDITS	65			

\*General Education Elective(s) – see page 1.
\*\*Recommended: IST123 Success 101 or another course recommended by the program director.

Specific Program Notes

15-16

Degree: Associate in Science Code: AS.PS.INFO		
Code. Ac. C.INI C		
GENERAL EDUCATION REQUIREMENTS	30-32	RECOMMENDED SEMESTER SEQUENCE
Communication	9	First Semester
COM COM100 Speech Communication or	3	
COM102 Public Speaking		INF101 Intro to Information Technology 3 INF Programming Language 3
WRT101 English Composition I	3	Fundamentals Elective*
WRT201 English Composition II	3	MAT Mathematics Elective***† 3-4
		COM COM100 Speech Communication 3
Humanities Electives***	6	or COM102 Public Speaking
Two general education courses selected from the following		WRT101 English Composition I 3
fields, with no more than one course in any one field:		15-16
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		Second Semester
Religion (PHR); World Languages and Cultures (LAN).		BUS101 Introduction to Business 3
		INF Advanced Programming Language 3
Social Science Elective***	3	Elective**
One general education course selected from the following		WRT201 English Composition II 3
fields: Economics (ECO); Geography (GEO); Political		Humanities Elective* 6
Science (POL); Psychology (PSY); Sociology (SOC) and		General Education Elective***‡
Anthropology (ANT).		or 3
		Free Elective‡‡
Mathematics and Natural Sciences	11-12	18
Mathematics***†	3-4	
Natural Science Electives***	8	Third Semester
	0.0	INF Restricted INF Elective 3
Additional General Education Elective***	0-3	Natural Science Elective*** 4
If needed to reach the Foundation minimum of 30-32		Humanities Electives*** 6
credits, take one course from the BCC General Education		Social Science Elective***‡‡‡ 3
course list. If an additional course is not needed for that		16
purpose, then the student must take a 3-credit free elective.		Harrist Commission
DROCDAM CURRORT REQUIREMENTS	40	Fourth Semester
PROGRAM SUPPORT REQUIREMENTS	12	INF108 Systems Analysis & Design 3 Natural Science Elective*** 4
Three general education courses (9 cr.) selected from the	9	II and the state of the state o
following fields, with no more than two courses in any one field:		
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		Free Elective‡‡ 3
Religion (PHR); World Languages and Cultures (LAN).		16
One general education course (3 cr.) to be selected from	3	
the following fields; Economics (ECO); Geography (GEO);	·	Specific Program Notes
Political Science (POL); Psychology (PSY); Sociology (SOC)		*Programming Language Fundamentals Elective –
and Anthropology (ANT).		Select one: INF145, INF152, INF153.
		**Advanced Programming Language Elective -
PROGRAM REQUIREMENTS	18	Select one: INF224, INF246, INF268.
INF101 Intro to Information Technology	3	***General Education Elective(s) – see page 1.
INF108 Systems Analysis & Design	3	†Recommended Mathematics Elective - Select one of
INF Programming Language Fundamentals Elective*	3	the following: MAT180, MAT223, or MAT280.
INF Advanced Programming Language Elective**	3	‡Recommended: MAT150 or MAT223.
INF Restricted INF Elective	3	‡‡Recommended: IST123 Success 101 or WEX101
BUS101 Introduction to Business	3	Dynamics of Health and Fitness (2 credits) and a
		WEX Dynamics of Health and Fitness Experience
FREE ELECTIVES‡‡	3-6	course (1 credits).
TOTAL CREDITS	CE CO	‡‡‡Recommended: ECO101 Macroeconomics.
TOTAL CREDITS	65-66	♦INF Restricted Elective [courses cannot duplicate as
		Restricted Electives when selected as Programming
		Electives] – Select one: INF145, INF152, INF153, INF160, or INF217.
		ואו וטט, טו ווארבוו.

Program: Professional Studies – Information Technology Option

3-4 15-16

Program: Professional Studies - Journalism Option			
Program: Professional Studies – Journalism Option  Degree: Associate in Science			
Code: AS.PS.JOUR			
GENERAL EDUCATION REQUIREMENTS	30-32	RECOMM	ENDED SEMESTER SEQUENCE
Communication	9	First Sem	ester
COM COM100 Speech Communication or	3	COM	COM100 Speech Communication
COM102 Public Speaking			or COM102 Public Speaking
WRT101 English Composition I	3	COM101	Mass Media of Communication
WRT201 English Composition II	3	MAT	Mathematics Elective*
44 40 = 4	_	WRT101	English Composition I
Humanities Electives*	6		Humanities Elective*
Two general education courses selected from the following			
fields, with no more than one course in any one field:		Conned C	
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and		Second Se	Introduction to Journalism
Religion (PHR); World Languages and Cultures (LAN)		WRT201	English Composition II
Religion (FTR), World Languages and Colletes (LAN)			Humanities Elective*
Social Science Elective*	3	******	Social Science Elective*
One general education course selected from the following	3		General Education Elective*
fields: Economics (ECO); Geography (GEO); Political		*	Of
Science (POL); Psychology (PSY); Sociology (SOC) and			Free Elective**
Anthropology (ANT)			
, ,,,			
Mathematics and Natural Sciences	11-12	Third Sem	
Mathematics*	3-4	COM203	Print Journalism Production
Natural Science Electives*	8	COM2XX	Copy Editing
			or
Additional General Education Elective*	0-3		40 Introduction to Multimedia
If needed to reach the Foundation minimum of 30-32		1	Natural Science Elective*
credits, take one course from the BCC General Education		******	Humanities Elective*
course list. If an additional course is not needed for that			Social Science Elective*
purpose, then the student must take a 3-credit free elective.			
PROGRAM SUPPORT REQUIREMENTS	12	Fourth Se	mester
Three general education courses (9 cr.) selected from the	9	COM206	Writing for the Mass Media
following fields, with no more than two courses in any one field:	Ü	COM210	Public Relations
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema			Natural Science Elective*
Studies [CIN]); History (HIS); Literature (LIT); Philosophy and			Humanities Electives*
Religion (PHR); World Languages and Cultures (LAN)			Free Elective**
One general education course (3 cr.) to be selected from	3		
the following fields: Economics (ECO); Geography (GEO);			
Political Science (POL); Psychology (PSY); Sociology (SOC)			
and Anthropology (ANT)			
PROGRAM REQUIREMENTS	18		
COM101 Mass Media of Communication	3		
COM201 Introduction to Journalism	3		
COM203 Print Journalism Production	3		
COM206 Writing for the Mass Media	3		
COM210 Public Relations	3		
COM2XX Copy Editing			
or	3		
COM140/INF140 Introduction to Multimedia			
FREE ELECTIVES**	3-6		

**TOTAL CREDITS** 

65-66

Specific Program Notes
\*General Education Elective(s) – see page 1.
\*\*Recommended: IST123 Success 101; ART184 Digital Photography; or ART197 Computer Imaging.

Program: Professional Studies - Labor Studies Option Degree: Associate in Science Code: AS.PS.LABOR GENERAL EDUCATION REQUIREMENTS 30-32 RECOMMENDED SEMESTER SEQUENCE 9 First Semester Communication COM... COM100 Speech Communication or 3 COM... COM100 Speech Communication 3 COM102 Public Speaking or COM102 Public Speaking WRT101 English Composition I 3 MAT.. Mathematics Elective\*† 3-4 WRT201 English Composition II 3 Humanities Elective\* 3 Social Science Elective\* 3 WRT101 English Composition I **Humanities Electives\*** 6 3 Two general education courses selected from the following 15-16 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Second Semester Studies [CIN]); History (HIS); Literature (LIT); Philosophy and BUS101 Introduction to Business Religion (PHR); World Languages and Cultures (LAN) 3 BUS115 Intro to Nonprofit Organizations Social Science Elective\* 3 ECO105 3 Labor Economics One general education course selected from the following HIS. Restricted History Elective± 3 Natural Science Elective\* fields: Economics (ECO); Geography (GEO); Political 4 Science (POL); Psychology (PSY); Sociology (SOC) and WRT201 English Composition II 3 Anthropology (ANT) 16 **Mathematics and Natural Sciences** 11-12 Third Semester Mathematics\*† HIS. Restricted History Elective‡ 3 3-4 PHR111 Social & Political Philosophy Natural Science Electives\* 8 3 POL116 Labor Law 3 Additional General Education Elective 0 - 3Natural Science Elective\* 4 . . . . . if needed to reach the Foundation minimum of 30-32 Free Elective ### 3 credits, take one course from the BCC General Education 16 course list. If an additional course is not needed for that purpose, then the student must take a 3-credit free elective. **Fourth Semester** LGL236 Employment Law±± 2 PROGRAM SUPPORT REQUIREMENTS 12 POL104 State & Local Government 3 Collective Bargaining Two Restricted Electives in History (HIS)‡ 6 POL122 3 Industrial Psychology PHR111 Social & Political Philosophy 3 PSY109 3 POL104 State & Local Government 3 Humanities Elective\* 3 General Education Elective\* PROGRAM REQUIREMENTS 17 3 Free Elective ### **BUS101 Introduction to Business** 3 17 **BUS115 Intro to Nonprofit Organizations** ECO105 Labor Economics 3 LGL236 Employment Law±± 2 POL116 Labor Law 3 POL122 Collective Bargaining 3 PSY109 Industrial Psychology 3 **FREE ELECTIVES**### 3-6 **TOTAL CREDITS** 64-65

# Specific Program Notes

\*General Education Elective(s) – see page 1.

†Choose a 3- or 4-credit General Education course in Mathematics – see page 1. MAT223 is recommended for students who wish to pursue degrees after they transfer in Business or in Human Resources and Employment Relations Management. The sequence of MAT150 and MAT250 is recommended for students who wish to pursue degrees after they transfer in research areas of the Social Sciences.

‡Choose a General Education History course from the following: HIS112, HIS113, HIS114, HIS116

#LGL101 is a prerequisite for LGL236. If a student does not complete LGL101 as a free elective, then this prerequisite may be waived by special permission from the Academic Department Chair of Legal and Related Studies ###Recommended: IST123 Success 101 or BUS208 Human Resources Management.

I	Saladies – Social Work Option	
Degree: Associate in		
Code: AS.PS.SOC.W	n	
GENERAL EDUCATI	ON REQUIREMENTS	30-32
OLIVER EDOOM II	OH REGOREMENTO	30-32
Communication		9
	ech Communication or	3
COM102 Pub		1
WRT101 English Com	position 1	3
WRT201 English Com		3
	•	
Humanities Electives	s*	6
Two general education	n courses selected from the following	
fields, with no more th	an one course in any one field:	
Arts (Art [ART], Music	[MUS], Theatre Arts [THR], Cinema	
Studies [CIN]); History	(HIS); Literature (LIT); Philosophy and	
Religion (PHR); World	Languages and Cultures (LAN)	
Social Science: SOC	101 Sociology	3
Mathematics and Na	tural Sciences	11-12
Mathematics*		3-4
Natural Science Electi	ves*	8
Additional General E		0-3
	Foundation minimum of 30-32	
	eral education courses listed below	
under "Program Requ	irements" can be applied here.	
DDOCDAM CUDDOD	TOPOUIDEMENTO	40
PROGRAM SUPPOR	I REQUIREMENTS	12
Humanities Flectives	- three general education	9
	from the following fields:	9
	[MUS], Theatre Arts [THR],	
	); History (HIS); Literature (LIT);	
	on (PHR); World Languages and	
Cultures (LAN)	on (i thi ()) trails congessions	
Social Science: PSY1	01 General Psychology	3
	,	
PROGRAM REQUIRE	EMENTS	15-18
PSY102 Intro to Abno	rmal Psychology	3
SOC102 Introduction		3
SOC103 Sociology of		3
SOC113 Social Proble		3
SOC222 Ethnic & Min	ority Group Relations	_
SOC121 Changing Ba	los if Momon	3
SOC121 Changing Ro	Experience (Sociology)	3
SOCHOS CO-OP WORK	Expendince (Suciology)	ა
FREE ELECTIVES**		3-6
		-
TOTAL CREDITS		64-66

Program: Professional Studies - Social Work Option

# RECOMMENDED SEMESTER SEQUENCE

First Semester

MAT	Mathematics Elective*	3-4
COM	COM100 Speech Communication	3
	or COM102 Public Speaking	
WRT101	English Composition I	3
******	Humanities Elective*	3
SOC101	Sociology	3
		15-16

**Second Semester** 

WRT201	English Composition II	3
	Humanities Elective*	3
PSY101	General Psychology	3
SOC102	Introduction to Human Services	3
SOC103	Sociology of the Family	3
		15

Third Semester

PSY102	Intro to Abnormal Psychology	3
SOC113	Social Problems	3
SOC463	Co-op Work Experience (Sociology)	3
	Natural Science Elective*	4
*****	Humanities Elective*	_3
		16

Fourth Semester

SOC222	Ethnic & Minority Group Relations	
	Οľ	3
SOC121	Changing Roles if Women	
*****	Natural Science Elective*	4
	Humanities Electives*	6
*****	Free Electives**	3-6
		16-19

# Specific Program Notes

<sup>\*</sup>General Education Elective(s) – see page 1.
\*\*Recommended: IST123 Success 101 or another Social Science elective.

# **AFA Degree Programs**

#### **Curriculum Requirements**

Degree: Associate in Fine Arts

Code: AFA

Associate in Fine Arts (AFA) degree programs are designed as transfer programs leading eventually to the Bachelor of Music or Bachelor of Fine Arts degree at the four-year college/university level.

To receive the Associate in FINE ARTS (AFA) degree, a student must earn a minimum of 64 credits and complete all courses and specific requirements listed within the student's chosen curriculum. Each AFA curriculum must contain the following general education and other program requirements:\*

Area of Study	Credite	Course Description
Communication	6	WRT101 English Composition I (3 cr.) WRT201 English Composition II (3 cr.) or WRT202 Technical Writing (3 cr.)
Humanities	6	Two general education courses (6 cr.) to be selected from the following fields, with no more than one course (3 cr.) in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]) Literature (LIT) Philosophy and Religion (PHR) World Languages and Cultures (LAN)
Social Sciences	3	One general education course (3 cr.) to be selected from the following fields: Economics (ECO) Geography (GEO) Political Science (POL) Psychology (PSY) Sociology (SOC) and Anthropology (ANT)
Mathematics, Natural Sciences, and Technology	3-4	One general education course (3-4 cr.) to be selected from the following fields: Mathematics (MAT) Computer Science (CIS) Information Technology (INF) Biology (BIO) Chemistry (CHM) Physics (PHY)
Unassigned General Education Credits	3	To be assigned in accordance with the needs of the program.
Total GE Credits:	21-22	
Other Requirements	38-45	Restricted Program Requirements and Program Support Requirements.
Free Electives	0-6	Programs can make recommendations in footnotes.
Total Credits	64-66	

Program: Music – Music Business Option Degree: Associate in Fine Arts Code: AFA.MUSC.BUS		This program is PENDING STATE APPROVAL, which is expected in Fall 2012.	
GENERAL EDUCATION REQUIREMENTS	21-22	RECOMMENDED SEMESTER SEQUENCE	
Communication	6	First Semester	
WRT101 English Composition 1	3	MUS131 Class Piano I	2
WRT WRT201 English Composition II or	3	MUS152 Introduction to the Music Business	3
WRT202 Technical Writing		MUS163 Careers in Music	3
		MUA1 Applied Music I*	1
Humanities Electives*	6	MUS1 Performance Ensemble I**	1
Two general education courses selected from the following		Humanities Elective***†	3
fields, with no more than one course in any one field:		WRT101 English Composition I	3
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema			16
Studies [CiN]); History (HIS); Literature (LIT); Philosophy			
and Religion (PHR); World Languages and Cultures (LAN).		Second Semester	
3 (		MUS231 Class Piano II	2
Social Science Course	3	MUA2 Applied Music II*	1
ECO101 Macroeconomics	3	MUS2 Performance Ensemble II**	1
200 TO T MILOTOGOSTIONNOS	Ü	BUS101 Introduction to Business	3
Mathematics, Natural Science, & Technology	3-4	MAT Mathematics Elective***	3-4
MAT Mathematics Elective***	3-4	WRT WRT 201 English Composition II or	3
WATER MINISTER CONTROL OF THE CONTRO	3-4	WRT 201 English Composition if of	١
Additional General Education Elective:***	3	Humanities Elective***	3
Additional Ocheral Eddoction Elective,	3		6-17
PROGRAM REQUIREMENTS	41		0-17
MUA1 Applied Music I*	1	Third Semester	
MUA2 Applied Music II, III, & IV (1, 1, 1 cr.)*	3	MUS132 Music Theory I	2
MUS1 Performance Ensemble I**	1	MUS134 Ear Training & Musicianship I	2
MUS2 Performance Ensemble II, III, & IV (1, 1, 1 cr.)**	3	MUS241 Class Piano III	2
MUS131 Class Piano I	2	MUS252 Music in the Marketplace	3
MUS231 241, 242 Class Piano II, III, & IV (2, 2, 2 cr.)	6	MUA2 Applied Music III*	1
MUS132 Music Theory I	2	MUS2 Performance Ensemble III**	
MUS232 Music Theory II	2	ECO101 Macroeconomics	3
,			3
MUS134 Ear Training & Musicianship I MUS234 Ear Training & Musicianship II	2	General Education Elective***	17
	2		
MUS152 Introduction to the Music Business MUS163 Careers in Music	3	Court Court	
	3	Fourth Semester	
MUS252 Music in the Marketplace	3	MUS232 Music Theory II	_2
MUS262 Concert Promotion & Production	3	MUS234 Ear Training & Musicianship II	2
MUS/MUA Music or Applied Music Electives‡	5	MUS242 Class Piano IV	2
DDOODAN CUDDODT DECUUDENENTS		MUS262 Concert Promotion & Production	3
PROGRAM SUPPORT REQUIREMENTS	3	MUA2 Applied Music IV*	_1
BUS101 Introduction to Business	3	MUS2 Performance Ensemble IV**	1
		Music (MUS) or Applied Music (MUA) Electives‡	5
TOTAL CREDITS	65-66		16

\*Applied music courses include half-hour private lessons with an instructor in Bass (MUA101, MUA231, MUA232, MUA233); Guitar (MUA102, MUA234, MUA235, MUA236); Percussion (MUA103, MUA237, MUA238, MUA239); Piano (MUA104, MUA240, MUA241, MUA242); Strings (MUA105, MUA243, MUA244, MUA244, MUA245); Voice (MUA106, MUA246, MUA247, MUA248); or Woodwinds/Brass (MUA107, MUA249, MUA250, MUA251).

\*\*Performance ensembles include Chamber Ensemble (MUS125, MUS258, MUS259, MUS260); Chorus (MUS121, MUS255, MUS256, MUS257); Jazz Ensemble (MUS140, MUS246, MUS247, MUS249); and Pop/Rock Ensemble (MUS120, MUS220, MUS221, MUS222). \*\*\*General Education Elective(s) – see page 1.

†Music courses that may fulfill 3 credits of the humanities requirement are: MUS101 Music Appreciation; MUS107 History of Western Music Before 1750; MUS108 History of Western Music After 1750; MUS109 History of Musical Theatre; MUS110 Music Art & Drama. ‡Recommended music electives: MUS119 Songwriting Workshop; MUS150 Intro to MIDI Sequencing & Synthesis; MUS151 Intro to Digital Audio Recording; or any combination of MUS or MUA classes and/or ensembles totaling at least 2 credits. MUS103 Fundamentals of Music is recommended for students with no or minimal music theory background prior to taking MUS132 and MUS133.

Program: Music – Music Technology Option Degree: Associate in Fine Arts Code: AFA.MUSC.TECH			rogram is PENDING STATE APPRO is expected in Fall 2012.	OVAL,
GENERAL EDUCATION REQUIREMENTS	22	RECOMM	ENDED SEMESTER SEQUENCE	
Communication	6	First Seme		
WRT101 English Composition I	3	MUS131	Class Piano I	2
WRT WRT201 English Composition II or	3	MUS132	Music Theory I	2
WRT202 Technical Writing		MUS134	Ear Training & Musicianship I	2
		MUS151	Intro to Digital Audio Recording	3
Humanities Electives**	6	MUA1	Applied Music I*	1
Two general education courses selected from the following		PHY185	Introduction to Physics	4
fields, with no more than one course in any one field:		WRT101	English Composition I	3_
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema				17
Studies [CIN]); History (HIS); Literature (LIT); Philosophy				
and Religion (PHR); World Languages and Cultures (LAN).		Second Se		
		MUS231	Class Piano II	2_
Social Science Elective**	3	MUS232	Music Theory II	2
One general education course selected from the following		MUS234	Ear Training & Musicianship II	2
fields: Economics (ECO); Geography (GEO); Political		MUS251	Studio Recording Techniques	3
Science (POL); Psychology (PSY); Sociology (SOC) and		MUA2.,	Applied Music II*	1_
Anthropology (ANT).		WRT	WRT 201 English Composition II or WRT 202 Technical Writing	
Mathematics, Natural Science, & Technology	4	*****	Humanities Elective**†	3
PHY185 Introduction to Physics	4			16
Additional General Education Elective:*	3	Third Sem	actor	
Additional General Education Liective.	3	MUS150	Intro to MIDI Sequencing &	3
PROGRAM REQUIREMENTS	36-37	1000100	Synthesis	Ŭ
MUA1 Applied Music I*	1	MUS261	Advanced Studio Recording	3
MUA2 Applied Music II*	i	MUS1	Performance Ensemble I***	1
MUS131, 231 Class Piano I and II	2, 2		Music (MUS) or Applied Music	2-3
MUS132, 232 Music Theory I and II	2, 2	1	(MUA) Electives‡	
MUS134 Ear Training & Musicianship I	2		Humanities Elective**	3
MUS150 Intro to MIDI Sequencing & Synthesis	3		Free Elective‡‡	3
MUS151 Intro to Digital Audio Recording	3			15-16
MUS234 Ear Training & Musicianship II	2	-		
MUS250 Electronic Music Composition	3	Fourth Se	mester	
MUS251 Studio Recording Techniques	3	MUS250	Electronic Music Composition	3
MUS261 Advanced Studio Recording	3	MUS262	Concert Promotion & Production	3
MUS262 Concert Promotion & Production	3	MUS2	Performance Ensemble II***	1
MUS1 Performance Ensemble I***	1		Social Science Elective**	3
MUS2 Performance Ensemble II***	1		General Education Elective**	_3
MUS/MUA Music or Applied Music Elective‡	2-3	*****	Free Elective‡‡	3
				16
FREE ELECTIVES‡‡	6			
TOTAL CREDITS	64-65			

"Applied music courses include half-hour private lessons with an instructor in Bass (MUA101, MUA231, MUA232, MUA233); Guitar (MUA102, MUA234, MUA235, MUA236); Percussion (MUA103, MUA237, MUA238, MUA239); Piano (MUA104, MUA240, MUA241, MUA242); Strings (MUA105, MUA243, MUA244, MUA245); Voice (MUA106, MUA246, MUA247, MUA248); or Woodwinds/Brass (MUA107, MUA249, MUA250, MUA251).

\*\*General Education Elective(s) - see page 1.

\*\*\*Porformance ensembles include Chamber Ensemble (MUS125, MUS258, MUS259, MUS260); Chorus (MUS121, MUS255, MUS256, MUS257); Jazz Ensemble (MUS140, MUS246, MUS247, MUS249), and Pop/Rock Ensemble (MUS120, MUS220, MUS221, MUS222). †Music courses that may fulfill 3 credits of the humanities requirement are: MUS101 Music Appreciation; MUS107 History of Western Music Before 1750; MUS108 History of Western Music After 1750; MUS109 History of Musical Theatre; MUS110 Music Art & Drama. ‡Recommended music electives: MUS152 Intro to the Music Business; MUS163 Careers in Music; any combination of MUA classes and/or ensembles totaling at least 2 credits. MUS103 Fundamentals of Music is recommended for students with no or minimal music theory background prior to taking MUS132 and MUS133.

‡‡Recommended free electives: COM102 Public Speaking; COM105 Radio Production; COM106 TV Production; COM111 Video Post Production; COM207 TV Production II; MUS252 Music In the Marketplace.

### AAS Programs - Basic Structure\*

# Curriculum Requirements

Degree: Associate in Applied Science

Code: AAS

Associate in Applied Science (AAS) degree programs are designed to prepare students for employment in their chosen fields of endeavor. Such programs are not designed to prepare students for transfer into bachelor's degree programs in four-year colleges and universities although some such programs may have transfer agreements with select four-year schools for graduates wishing to continue their education at the bachelor's degree level.

Career programs leading to the AAS degree are organized according to the following categories: Art, Business Administration, Business Technologies, Human Services, and Music.

To receive the Associate in Applied Science (AAS) degree, a student must earn a minimum of 64 credits and complete all courses and specific requirements listed within the student's chosen curriculum. Each AAS curriculum must contain the following general education and other program requirements:\*

Area of Study	Credits	Course Description
Communication	6	WRT101 English Composition I (3 cr.) WRT201 English Composition II (3 cr.) or WRT202 Technical Writing (3 cr.)
Humanities	6	Two general education courses (6 cr.) to be selected from the following fields, with no more than one course (3 cr.) in any one field:  Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN])  Literature (LIT)  Philosophy and Religion (PHR)  World Languages and Cultures (LAN)
Social Sciences	3	One general education course (3 cr.) to be selected from the following fields: Economics (ECO) Geography (GEO) Political Science (POL) Psychology (PSY) Sociology (SOC) and Anthropology (ANT)
Mathematics, Natural Sciences, and Technology	3-4	One general education course (3-4 cr.) to be selected from the following fields: Mathematics (MAT) Computer Science (CIS) Information Technology (INF) Biology (BIO) Chemistry (CHM) Physics (PHY)
Unassigned General Education Credits	3	To be assigned in accordance with the needs of the program.
Total GE Credits:	21-22	
Other Requirements	38-45	Restricted Program Requirements and Program Support Requirements.
Free Electives	0-6	Programs can make recommendations in footnotes.
Total Credits	64-66	Note: Some AAS programs require more than 66 credits for licensing/accreditation purposes.

<sup>\*</sup>AAS degree programs in Health Professions and Career Technologies have a different requirement structure than do "Basic Structure" AAS programs. See page 79, below.

Program: Art – Computer Animation Degree: Associate in Applied Science Code: AAS.ART.ANIM				
GENERAL EDUCATION REQUIREMENTS		RECOMMENDED SEMESTER SEQUENCE		
Communication	6	First Semester		
WRT101 English Composition I	3	ART105 History of Animation*	3	
WRT WRT201 English Composition II or	3	ART122 Two-Dimensional Design	3	
WRT202 Technical Writing		ART189 Computer 2D Illustration	3	
		ART197 Computer Imaging	3	
Humanities Electives**	6	WRT101 English Composition (	3	
Two general education courses selected from the following			15	
fields, with no more than one course in any one field:				
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		Second Semester		
Studies [CIN]); History (HIS); Literature (LIT); Philosophy		ART123 Life Drawing I	_	
and Religion (PHR); World Languages and Cultures (LAN).		or .	3	
0. 110 1	•	ART124 Drawing Fundamentals		
Social Science Elective**	3	ART192 Computer 3D Animation I	3	
One general education course selected from the following		MUS151 Introduction to Audio Recording	3	
fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and		WRT WRT201 English Composition II	3	
Anthropology (ANT).		or WRT202 Technical Writing Math/Computer Science/Natural	3-4	
Anunopology (AIVT).		Science/Technology Elective**	3-4	
Mathematics, Natural Science, & Technology**	3-4	Sciences reclindingly Elective	15-16	
One general education course to be selected from the	0 4		13-10	
following fields: Mathematics (MAT); Computer Science (CIS)		Third Semester		
Information Technology (INF); Biology (BIO); Chemistry (CHM):		ART290 Computer 2D Animation I	3	
Physics (PHY).	,	ART293 Computer 3D Animation II	3	
· // (· //· //-		ART Studio Art Elective***	3	
Additional General Education Course:	3	CIN/THR140 Introduction to the Cinema	3	
CIN140/THR140 Introduction to the Cinema	3	Humanities Elective**	3	
		Social Science Elective**	3	
PROGRAM REQUIREMENTS	44		18	
ART105 History of Animation*	3			
ART122 Two-Dimensional Design	3	Fourth Semester		
ART123 Life Drawing I		ART261 Computer 2D Animation II	3	
or	3	ART271 Portfolio Presentation	2	
ART124 Drawing Fundamentals		ART298 Interactive Multimedia	3	
ART189 Computer 2D Illustration	3	ART Studio Art Elective***		
ART192 Computer 3D Animation I	3	or	3	
ART261 Computer 2D Animation II	3	ART463 Co-Op Work Experience [ART]		
ART290 Computer 2D Animation I	3	CIN150 Special Topics in Cinema I****	3	
ART293 Computer 3D Animation II	3	Humanities Elective**	3	
ART197 Computer Imaging	3		17	
ART271 Portfolio Presentation	2			
ART298 Interactive Multimedia	3			
ART Studio Art Elective  ART Studio Art Elective	3			
l .	3			
or ART463 Co-Op Work Experience [ART]	١ ،			
CIN150 Special Topics in Cinema I	3			
MUS151 Introduction to Audio Recording	3			
1135 TO F ITH GOOD TO FACILITY TO CONTINUE	Ü			
TOTAL CREDITS	65-66			

\*As an alternative to ART105 History of Animation, students may take CIN150 Special Topics in Cinema I whenever the Special Topic is History of Animation.

"General Education Elective(s) - see page 1.

\*\*\*Sludio Art Electives: ART123, ART124, ART127, ART181, ART184, ART192, ART189, ART197, ART223, ART226, ART228, ART229, ART259, ART260, ART281, ART287, ART288, ART290, ART291, ART292, ART298.

\*\*\*\*Any topic other than History of Animation.

Degree: Associate in Applied Science Code: AAS.ART.GRPH	
GENERAL EDUCATION REQUIREMENTS	21-22
Communication	6
WRT101 English Composition I	3
WRT WRT201 English Composition II or WRT202 Technical Writing	3
Humanities Electives**	6
Two general education courses selected from the following	
fields, with no more than one course in any one field:	
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema	
Studies [CIN]); History (HIS); Literature (LIT); Philosophy	
and Religion (PHR); World Languages and Cultures (LAN).	
Social Science Elective**	3
One general education course selected from the following	3
fields: Economics (ECO); Geography (GEO); Political	
Science (POL); Psychology (PSY); Sociology (SOC) and	
Anthropology (ANT).	
Mathematics, Natural Science, & Technology**	3-4
One general education course to be selected from the	
following fields: Mathematics (MAT); Computer Science (CIS)	
Information Technology (INF); Biology (BIO); Chemistry (CHM);	
Physics (PHY).	
Additional General Education Course:	3
ART Art History Elective*	3
PROGRAM REQUIREMENTS	44
ART122 Two-Dimensional Design	3
ART123 Life Drawing I	
or	3
ART124 Drawing Fundamentals	
ART189 Computer 2D Illustration ART197 Computer Imaging	3 3
ART197 Computer imaging ART226 Letterform and Type	3
ART259 Computer Graphics for the Web Developer	3
ART260 Graphic Design I	3
ART261 Graphic Design II	3
ART287 Computer Layout I	3
ART288 Computer Layout II	
ART271 Portfolio Presentation	3 2
ART Studio Art Electives***	9_
LAST OF BUILDING	7

Program: Art - Graphic Design/Computer Graphics

### RECOMMENDED SEMESTER SEQUENCE

#### First Semester

ART122	Two-Dimensional Design	3
ART123	Life Drawing I	
	or	3
ART124	Drawing Fundamentals	
ART189	Computer 2D Illustration	3
ART197	Computer Imaging	3
WRT101	English Composition I	3
	•	15

#### **Second Semester**

ART226	Letterform and Type	3
ART259	Computer Graphics for the Web	3
	Developer	
ART	Art History Elective*	3
WRT	WRT201 English Composition II	3
	or WRT202 Technical Writing	_
	Math/Computer Science/Natural	3-4
	Science/Technology Elective**	
		15-16

### **Third Semester**

ART260	Graphic Design I	3
ART287	Computer Layout I	3
ART	Studio Art Electives***	6
	Humanities Elective**	3
	Social Science Elective**	3
		18

# Fourth Semester

		17
	Humanities Elective**	3
ART463	Co-Op Work Experience [ART]	
	or	3
ART	Studio Art Elective***	
ART	Studio Art Elective***	3
ART271	Portfolio Presentation	2
ART288	Computer Layout II	3
ART261	Graphic Design II	3

#### Specific Program Notes

**TOTAL CREDITS** 

ART... Studio Art Elective\*\*\*

ART463 Co-Op Work Experience [ART]

\*General Education Humanities Electives in Art History: ART102, ART103, ART104, ART107, ART110.

\*\*General Education Elective(s) - see page 1.

3

65-66

<sup>\*\*\*</sup>Studio Art Electives: ART123, ART124, ART127, ART181, ART184, ART192, ART189, ART197, ART223, ART226, ART228, ART229, ART259, ART260, ART281, ART287, ART288, ART290, ART291, ART292, ART298.

Degree: Associate in Applied Science Code: AAS BUS ACCT				
GENERAL EDUCATION REQUIREMENTS		RECOMMENDED SEMESTER SEQUENCE		
Communication	6	First Semester		
WRT101 English Composition I	3	ACC101	Accounting I	3
WRT WRT201 English Composition II or	3	ACC120	Computerized Accounting	3
WRT202 Technical Writing		BUS101	Introduction to Business	3
		INF114	Microsoft Office	3
Humanities Electives*	6	WRT101	English Composition I	3
Two general education courses selected from the following				1.
fields, with no more than one course in any one field:				
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		Second S	emester	
Studies [CIN]); History (HIS); Literature (LIT); Philosophy		ACC201	Accounting II	:
and Religion (PHR); World Languages and Cultures (LAN).		BUS233	Business Law I	:
3 ( · · · ),		ECO101	Macroeconomics	
Social Science Course: ECO101 Macroeconomics	3	COM	COM100 Speech Communication or COM102 Public Speaking	
Mathematics, Natural Science, & Technology MAT… Mathematics Elective†	3-4	WRT	WRT201 English Composition II or WRT202 Technical Writing	3
			Humanities Elective*	3
Additional General Education Course:	3			18
COM COM100 Speech Communication or				
COM102 Public Speaking		Third Sen	nester	
		ACC202	Intermediate Accounting I	:
PROGRAM REQUIREMENTS	43	ACC	Restricted Accounting Elective**	7
ACC101 Accounting I	3	400401	Restricted Business Elective***	
ACC120 Computerized Accounting	3	BNF201	Principles of Finance	-
ACC201 Accounting II	3	MAT	Mathematics Elective*†	3-
ACC202 Intermediate Accounting I	3			15-1
ACC203 Intermediate Accounting II	3			
ACC215 Special Topics in Accounting	3	Fourth Se	emester	
ACC Restricted Accounting Electives‡	6	ACC203	Intermediate Accounting II	
BNF201 Principles of Finance	3	ACC215	Special Topics in Accounting	
BUS101 Introduction to Business	3	ACC	Restricted Accounting Elective**	
BUS233 Business Law I	3	*****	Restricted Business Elective***	
Restricted Business Electives‡	6	INF228	Excel for Problem Solving	
INF114 Microsoft Office	3	*****	Humanities Elective*	;
INF228 Excel for Problem Solving	1			1

\*General Education Course List - see page 1.

\*\*Select ACC107, ACC115, or ACC463.

Note: Students interested in transferring to a four-year institution should refer to AS.PS.BUS.ACCT.

<sup>\*\*\*</sup>Select from BNF102, BNF202, BNF203, BUS234, BUS207, BUS170, BUS201, BUS205, BUS116, BUS262. †Select MAT150, MAT155, MAT180, or MAT223.

# ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE PROGRAMS IN BUSINESS ADMINISTRATION

Program: Business Administration - Banking and Finance Degree: Associate in Applied Science Code: AAS.BUS.BANK **GENERAL EDUCATION REQUIREMENTS** 21-22 RECOMMENDED SEMESTER SEQUENCE Communication 6 First Semester WRT101 English Composition I 3 ACC101 Accounting I 3 WRT... WRT201 English Composition II or 3 **BNF101** Principles of Banking 3 WRT202 Technical Writing BUS101 Introduction to Business 3 3 BUS103 **Business Mathematics Humanities Electives\*** 6 **WRT101** English Composition I 3 Two general education courses selected from the following 15 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema **Second Semester** Studies [CIN]); History (HIS); Literature (LIT); Philosophy ACC201 Accounting II 3 and Religion (PHR); World Languages and Cultures (LAN). INF101 Intro to Information Technology 3 ECO101 Macroeconomics 3 Social Science Course: ECO101 Macroeconomics 3 COM100 Speech Communication COM... 3 or COM102 Public Speaking Mathematics, Natural Science, & Technology 3-4 WRT... WRT201 English Composition II 3 MAT... Mathematics Elective\*† or WRT202 Technical Writing 15 **Additional General Education Course:** 3 COM... COM100 Speech Communication or **Third Semester** COM102 Public Speaking BNF201 Principles of Finance 3 BNF203 Cash Management 3 **PROGRAM REQUIREMENTS** 39 **BUS233** Business Law I 3 ACC101 Accounting I 3 Humanities Elective\* 3 ACC201 Accounting II 3 Mathematics Elective† 3-4 MAT... **BNF101 Principles of Banking** 3 15-16 **BNF201 Principles of Finance** 3 **BNF202 Asset Management** 3 **Fourth Semester BNF203 Cash Management** 3 BNF202 Asset Management 3 **BNF208 International Finance** 3 **BNF208** International Finance 3 **BUS101 Introduction to Business** 3 Restricted Business Elective I\*\* 3 **BUS103 Business Mathematics** 3 Restricted Business Elective II\*\*\* 3 BUS233 Business Law I 3 3 Humanities Elective\* ..... ..... Restricted Business Elective I\*\* 3 Free Elective(s) 4 ..... Restricted Business Elective II\*\*\* 3 19 INF101 Intro to Information Technology 3 FREE ELECTIVE(s) 4 **TOTAL CREDITS** 64-65

# Specific Program Notes

\*General Education Course List – see page 1.

\*\*Select BNF102, BUS201, or BUS207.

†Select MAT150, MAT155, or MAT223.

<sup>\*\*\*</sup>Select fBNF463, BNF207, BUS234, or BUS262.

GENERAL EDUCATION REQUIREMENTS 21-22		RECOMMENDED SEMESTER SEQUENCE			
Communication	6	First Semester			
WRT101 English Composition I	3	BUS101	Introduction to Business	3	
WRT WRT201 English Composition II or	3	INF114	Microsoft Office	3	
WRT202 Technical Writing		INF163	Internet Concepts & Applications	3	
		MAT	Mathematics Elective*	3-4	
Humanities Electives**	6	WRT101	English Composition I	3	
Two general education courses selected from the following				15-16	
fields, with no more than one course in any one field:					
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		Second S	emester		
Studies [CIN]); History (HIS); Literature (LIT); Philosophy		ACC101	Accounting I	3	
and Religion (PHR); World Languages and Cultures (LAN).		BUS107	e-Tailing	3	
		BUS104	Customer Service	3	
Social Science Course: ECO101 Macroeconomics	3	BUS105	Business Communications	3	
		INF146	Web Development	3	
Mathematics, Natural Science, & Technology MAT Mathematics Elective*	3-4	WRT	WRT201 English Composition II or WRT202 Technical Writing	3	
				18	
Additional General Education Course:	3	144			
COM COM100 Speech Communication or		Third Sen	nester		
COM102 Public Speaking		ACC201	Accounting II	3	
		BUS210	e-Marketing	3	
		BUS205	Entrepreneurship		
PROGRAM REQUIREMENTS	43		or	3	
ACC101 Accounting I	3	BUS110	Transportation Logistics and		
ACC201 Accounting II	3		Supply Chain Management		
BUS101 Introduction to Business	3	COM	COM100 Speech Communication	3	
BUS104 Customer Service	3		or COM102 Public Speaking		
BUS105 Business Communications	3	******	Humanities Elective**	3	
BUS107 e-Tailing	3			15	
BUS205 Entrepreneurship					
or	3	Fourth Semester			
<b>BUS110 Transportation Logistics and Supply Chain Manage</b>		BUS207	Principles of Management	3	
BUS207 Principles of Management	3	BUS211	Internet Law	3	
BUS210 e-Marketing	3	BUS271	e-Commerce	3	
BUS211 Internet Law	3	INF228	Excel for Problem Solving	1	
BUS271 e-Commerce	3	ECO101	Macroeconomics	3	
INF114 Microsoft Office	3	reser	Humanities Elective**	3	
INF146 Web Development	3			16	
INF163 Internet Concepts & Applications	3				

\*Select one of the following: MAT150, MAT155, MAT180, or MAT223.

<sup>\*\*</sup>General Education Elective(s) - see page 1.

Program: Business Administration - Management Information Systems Degree: Associate in Applied Science Code: AAS.BUS.INFO.SYS RECOMMENDED SEMESTER SEQUENCE **GENERAL EDUCATION REQUIREMENTS** 21-22 Communication 6 First Semester WRT101 English Composition I BUS101 Introduction to Business 3 3 WRT... WRT201 English Composition II or 3 INF101 Intro to Information Technology 3 WRT202 Technical Writing INF... Programming Language 3 Fundamentals Elective\* **Humanities Electives\*\*\*** Mathematics Elective† 3-4 6 MAT... Two general education courses selected from the following WRT101 English Composition I 3 fields, with no more than one course in any one field: 15-16 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy **Second Semester** 3 and Religion (PHR); World Languages and Cultures (LAN). ACC101 Accounting I **BUS207** Principles of Management 3 INF... Social Science Course: ECO101 Macroeconomics 3 3 Advanced Programming Language Elective\*\* Microsoft Office 3 Mathematics, Natural Science, & Technology\* INF114 3-4 WRT201 English Composition II MAT... Mathematics Elective† WRT... 3 or WRT202 Technical Writing Additional General Education Course: ECO101 Macroeconomics 3 3 COM... COM100 Speech Communication or 18 COM102 Public Speaking Third Semester Accounting II 3 ACC201 PROGRAM REQUIREMENTS 43 BUS201 Marketing Principles 3 ACC101 Accounting 1 INF217 Database for Applications [Oracle] 3 3 ACC201 Accounting II 3 COM... COM100 Speech Communication 3 **BUS101 Introduction to Business** or COM102 Public Speaking 3 **BUS201 Marketing Principles** 3 Humanities Elective\*\*\* 3 BUS207 Principles of Management 3 15 BUS271 e-Commerce 3 **Fourth Semester** 3 BUS210 e-Marketing Restricted Elective‡ INF... Programming Language Fundamentals Elective 3 BUS271 e-Commerce INF... Advanced Programming Language Elective 3 3 ог e-Marketing INF101 Intro to Information Technology 3 BUS210 3 INF114 Microsoft Office 3 **INF160** Networking Technologies and INF160 Networking Technologies and **Data Communications** 3 3 **Data Communications INF208** Systems Analysis and Design‡‡ INF208 Systems Analysis and Design## 3 **INF228** Excel for Problem Solving Humanities Elective\*\* INF217 Database for Applications [Oracle] 3 3 INF228 Excel for Problem Solving 16 1 ..... Restricted Elective‡ 3 **TOTAL CREDITS** 64-65

### **Specific Program Notes**

- \*Programming Language Fundamentals Elective INF145, INF152, INF153.
- \*\*Advanced Programming Language Elective INF224, INF246, INF268.
- \*\*\*General Education Elective(s) see page 1.
- †Select one of the following: MAT150, MAT155, MAT180, or MAT223.
- ‡Select one of the following: BUS263, ACC120, ACC202, BNF201, BUS105, BUS110, BUS233, BUS262
- ‡‡This course is offered only during the spring semester.

### ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE BUSINESS TECHNOLOGIES PROGRAMS IN HOTEL/RESTAURANT/HOSPITALITY

Program: Business Technologies - Hotel/Restaurant/Hospitality - General

Degree: Associate in Applied Science

Code: AAS.BT.HR.GEN

Business Technologies, Hotel/Restaurant/Hospitality -- General Students interested in Hotel/Restaurant/Hospitality and related studies, but are not certain in which specific area they wish to specialize, should enroll in this program. **GENERAL EDUCATION REQUIREMENTS** 21-22 RECOMMENDED SEMESTER SEQUENCE Communication 6 First Semester WRT101 English Composition I BUS101 Introduction to Business 3 3 WRT... WRT201 English Composition II or 3 **HRM101** Intro to Hospitality Management 3 WRT202 Technical Writing **HRM102** Food Protection and Safety 3 Professional Food Preparation **HRM103** 3 **Humanities Electives\*\*\*** 6 **Techniques** Two general education courses selected from the following **HRM106** Menu Planning and Nutrition 1 fields, with no more than one course in any one field: **Nutrition Today WEX163** 3 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema 16 Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). Second Semester BUS103 **Business Mathematics** 3 Social Science Elective\*\*\* 3 Hotel/Restaurant/Hospitality 5 One general education course selected from the following Electives\* Restricted Electives\*\* fields: Economics (ECO); Geography (GEO); Political 6 WRT101 Science (POL); Psychology (PSY); Sociology (SOC) and English Composition I 3 Anthropology (ANT). 17 Mathematics, Natural Science, & Technology\*\*\* 3-4 Third Semester One general education course to be selected from the Hotel/Restaurant/Hospitality 6 \*\*\*\*\* following fields: Mathematics (MAT); Computer Science (CIS) Electives\* Information Technology (INF); Biology (BIO); Chemistry (CHM); Humanities Elective\*\*\* 3 Physics (PHY). Math/Computer Science/Natural 3-4 -----Science/Technology Elective\*\* Additional General Education Elective\*\*\* **WRT201** 3 **English Composition II** 3 15-16 **PROGRAM REQUIREMENTS** 44 **BUS101 Introduction to Business** 3 **Fourth Semester BUS103 Business Mathematics** 3 HRM217 Issues in the Hospitality Industry 2 HRM101 Intro to Hospitality Management 3 Hotel/Restaurant/Hospitality 3 ..... HRM102 Food Protection and Safety 3 Elective\* HRM103 Professional Food Preparation Techniques 3 Restricted Elective\*\* 3 Humanities Elective\*\*\* HRM106 Menu Planning and Nutrition 1 3 Social Science Elective\*\* HRM217 Issues in the Hospitality Industry 2 3 ..... Hotel/Restaurant/Hospitality Electives\* 14 General Education Elective\*\*\* 3 ..... Restricted Electives\*\* 9 17 WEX163 Nutrition Today 3

#### **Specific Program Notes**

**TOTAL CREDITS** 

\*Hotel/Restaurant/Hospitality Electives may be satisfied by courses in Accounting, Business Administration, and Hotel/Restaurant/Hospitality.

\*\*The Restricted Elective requirements may be satisfied by course in Accounting, Business Administration, and Hotel/Restaurant/Hospitality.

\*\*\*General Education Elective(s) - see page 1.

Students enrolled in this program ARE <u>NOT</u> REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

16

Program: Business Technologies - Hotel/Restaurant/Hospitality - Catering and Banquet Management

Degree: Associate in Applied Science

**GENERAL EDUCATION REQUIREMENTS** 

Code: AAS.BT.HR.CATER

Business Technologies, Hotel/Restaurant/Hospitality - Catering and Banquet Management Students interested specifically in the management and operation of a facility offering catering and banquet services should enroll in this program option. Students will understand the regulations and standards that concern the hospitality industry and be proficient in food preparation and production, purchasing, and all phases of decorating and serving food. Graduates are eligible for jobs and supervisory or middle management positions in the banquet department of hotels, restaurants, food service companies, and related areas of the hospitality industry.

21-22

#### Communication 6 WRT101 English Composition I 3 WRT... WRT201 English Composition II or 3 WRT202 Technical Writing **Humanities Electives\*** 6 Two general education courses selected from the following fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN). Social Science Elective\* 3 One general education course selected from the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). Mathematics, Natural Science, & Technology\* 3-4 One general education course to be selected from the following fields: Mathematics (MAT); Computer Science (CIS) Information Technology (INF); Biology (BIO); Chemistry (CHM); Physics (PHY). Additional General Education Elective\* 3 **PROGRAM REQUIREMENTS** 44 ACC206 Hospitality Accounting 3 **BUS101 Introduction to Business** 3 **BUS103 Business Mathematics** 3 HRM101 Intro to Hospitality Management 3 HRM102 Food Protection and Safety 3 HRM103 Professional Food Preparation Techniques 3 HRM106 Menu Planning and Nutrition 1 HRM108 Computer Applications for the Hospitality Industry 1 HRM201 Food and Beverage Cost Control HRM202 Quantity Food Production & Service\*\* 3 HRM203 Beverage Management 2 HRM204 Food Purchasing 2 HRM205 Restaurant Service Management 3 HRM206 Commercial Restaurant Operation\*\*\* 3 HRM207 Hotel Sales & Convention Planning 1 HRM213 Classical Garde-Manger\*\* 3 HRM214 Banquet & Catering Management 2

#### RECOMMENDED SEMESTER SEQUENCE

First Sem	ester	
BUS101	Introduction to Business	3
HRM101	Intro to Hospitality Management	3
HRM102	Food Protection and Safety	3
HRM103	Professional Food Preparation	3
	Techniques	
HRM106	Menu Planning and Nutrition	1
WRT101	English Composition I	3

**Second Semester** 

ACC206	Hospitality Accounting	3
BUS103	Business Mathematics	3
HRM108	Computer Applications for the Hospitality Industry	1
HRM462	Co-Op Work Experience (H/R/H)	2
WRT201	English Composition II	3
	General Education Elective*	3
		15

Third Semester

LIDIAGOO	Compliant Control Control	
HRM202	Quantity Food Production and	3
	Service**	
HRM203	Beverage Management	2
HRM204	Food Purchasing	2
HRM205	Restaurant Service Management	3
HRM214	Banquet & Catering Management	2
	Humanities Elective*	3
*****	Social Science Elective*	3
		18

Fourth Semester

HRM201	Food and Beverage Cost Control	1
HRM206	Commercial Restaurant	3
	Operation***	
HRM207	Hotel Sales & Convention Planning	1
HRM213	Classical Garde-Manger**	3
HRM217	Issues in Hospitality Industry	2
	Humanities Elective*	3
	Math/Computer Science/Natural	3-4
	Science/Technology Elective*	
		16-17

#### Specific Program Notes

**TOTAL CREDITS** 

\*General Education Course List - see page 1.

\*\*Class offered only during fall semester.

HRM217 Issues in the Hospitality Industry HRM462 Co-Op Work Experience (H/R/H)

Students enrolled in this program ARE <u>NOT</u> REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

2

2

<sup>\*\*\*</sup>Class offered only during spring semester.

Program: Business Technologies – Hotel/Restaurant/Hospitality – Culinary Entrepreneurship Degree: Associate in Applied Science

Code: AAS.BT.HR.CUL.EPR

**GENERAL EDUCATION REQUIREMENTS** 

Business Technologies, Hotel/Restaurant/Hospitality - Culinary Entrepreneurship This program option consists of foundation classes for culinary students or professionals who are looking for alternative ways to earn income in the culinary industry. This program is geared to professionals who want to break out of a particular niche or specialty within the culinary industry or to students enrolled in traditional cooking and hospitality programs who want broader exposure to the industry than is provided in the typical culinary arts curriculum.

21-22

GENERAL EDUCATION REQUIREMENTS	21-22
Communication	6
WRT101 English Composition I	3
WRT WRT201 English Composition II or	3
WRT202 Technical Writing	
Humanities Electives*	6
Two general education courses selected from the following	Ū
fields, with no more than one course in any one field:	
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema	
Studies [CIN]); History (HIS); Literature (LIT); Philosophy	
and Religion (PHR); World Languages and Cultures (LAN).	
Social Science Elective*	3
One general education course selected from the following	3
fields: Economics (ECO); Geography (GEO); Political	
Science (POL); Psychology (PSY); Sociology (SOC) and	
Anthropology (ANT).	
, and opening ( and ),	
Mathematics, Natural Science, & Technology*	3-4
One general education course to be selected from the	
following fields: Mathematics (MAT); Computer Science (CIS)	
Information Technology (INF); Biology (BIO); Chemistry (CHM);	
Physics (PHY).	
Additional General Education Elective*	3
PROGRAM REQUIREMENTS	43
ACC206 Hospitality Accounting	3
BUS101 Introduction to Business	3
BUS205 Entrepreneurship	3
HRM101 Intro to Hospitality Management	3
HRM102 Food Protection	3
HRM103 Professional Food Preparation Techniques	3
HRM106 Menu Planning and Nutrition	1
HRM108 Computer Applications/Hospitality Industry	1
HRM110 Introduction to Baking	3
HRM129/BUS129 Event Planning & Management I	3
HRM201 Food and Beverage Cost Control	1
HRM205 Restaurant Service Management	3
HRM213 Classical Garde-Manager**	3
HRM214 Banquet and Catering Management HRM219/LGL219 Hospitality Law	3
HRM462 Co-Op Work Experience (H/R/H)	2
HRT115 Floral Design	3
THE TO FIGURE DUSINGS	

#### RECOMMENDED SEMESTER SEQUENCE

First Semester

BUS101	Introduction to Business	3
HRM101	Intro to Hospitality Management	3
HRM102	Food Protection and Safety	3
HRM103	Professional Food Preparation	3
	Techniques	
HRM106	Menu Planning and Nutrition	1
HRM110	Introduction to Baking	3
		16

**Second Semester** 

OCCOUNT O	011100101	
HRM108	Computer Applications/	1
	Hospitality Industry	
HRM201	Food and Beverage Cost Control	1
HRM214	Banquet & Catering Management	2
HRM/LGL:	219 Hospitality Law	3
WRT101	English Composition I	3
*****	Humanities Elective*	3
	Social Science Elective*	3
		16

Third Semester

ACC206	Hospitality Accounting	3
HRM205	Restaurant Service Management	3
WRT201	English Composition II	3
	Math/Computer Science/Natural	3-4
	Science/Technology Elective*	
******	General Education Elective*	3
		15-16

Fourth Semester

BUS205	Entrepreneurship	3
HRM/BUS	129 Event Planning & Management I	3
HRM213	Classical Garde-Manger**	3
HRM462	Co-Op Work Experience (H/R/H)	2
HRT115	Floral Design	3
	Humanities Elective*	3
		17

#### **TOTAL CREDITS**

64-65

#### **Specific Program Notes**

- \*General Education Course List see page 1.
- \*\*Class offered only during fall semester.

CAREER PROGRAMS

Program: Business Technologies - Hotel/Restaurant/Hospitality - Event Planning and Management

Degree: Associate in Applied Science

Code: AAS.BT.HR.EVENT

Business Technologies, Hotel/Restaurant/Hospitality - Event Planning and Management Option Students who choose this option should have strong organizational and communication skills. Business relies on successful events to encourage growth and promote enthusiasm throughout an industry in regards to their company. The Event Planner coordinates and organizes meetings, luncheons and other special events. Some Event Planners ensure that the company conducting the meeting or event is aware to the facility's services and limitations. The Event Planner also must contact a facility representative and other vendors and organize other details for the event.

3

3-4

3

GENERAL EDUCATION REQUIREMENTS	21-22
Communication	6
WRT101 English Composition I	3
WRT WRT201 English Composition II or	3
WRT202 Technical Writing	
Humanities Electives**	6

Two general education courses selected from the following fields, with no more than one course in any one field:
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN).

#### Social Science Elective\*\*

One general education course selected from the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).

# Mathematics, Natural Science, & Technology\*\* One general education course to be selected from the following fields: Mathematics (MAT); Computer Science (CIS) Information Technology (INF); Biology (BIO); Chemistry (CHM); Physics (PHY).

#### Additional General Education Elective\*\*

PROGRAM REQUIREMENTS	44
ACC206 Hospitality Accounting	3
BUS101 Introduction to Business	3
BUS201 Marketing Principles	3
BUS205 Entrepreneurship	3
BUS207 Principles of Management	3
HRM101 Intro to Hospitality Management	3
HRM102 Food Protection and Safety	3
HRM104 Front Office Procedures	2
HRM129/BUS129 Event Planning & Management I	3
HRM229/BUS229 Event Planning & Management II	3
HRM203 Beverage Management	2
HRM205 Restaurant Service Management	3
HRM207 Hotel Sales and Convention Planning	1
HRM214 Banquet & Catering Management	2
HRM217 Issues in the Hospitality Industry	2
HRM219/LGL219 Hospitality Law	3
HRM462 Co-Op Work Experience (H/R/H)	2
TOTAL CREDITS	65-66

#### RECOMMENDED SEMESTER SEQUENCE

#### **First Semester**

BUS101	Introduction to Business	3
HRM101	Intro to Hospitality Management	3
HRM102	Food Protection and Safety	3
HRM104	Front Office Procedures	2
WRT101	English Composition I	3
	Humanities Elective**	3
		17

#### Second Semester

BUS205	Entrepreneurship	3
BUS207	Principles of Management	3
HRM/BUS129 Event Planning & Management I		
HRM203	Beverage Management	2
HRM214	Banquet & Catering Management	2
WRT201	English Composition II	3
		16

#### **Third Semester**

ACC206	Hospitality Accounting	3
HRM205	Restaurant Service Management	3
HRM207	Hotel Sales and Convention Plannin	g 1
HRM/BUS:	229 Event Planning & Management II	3
	Math/Computer Science/Natural	3-4
	Science/Technology Elective**	
	Social Science Elective**	3
		16-17

#### **Fourth Semester**

BUS201	Marketing Principles	3
HRM217	Issues in the Hospitality Industry	2
HRM/LGL	219 Hospitality Law	3
HRM462	Co-Op Work Experience (H/R/H)	2
	Humanities Elective**	3
	General Education Elective**	3
		16

#### **Specific Program Notes**

\*\*Class offered only during fall semester.

<sup>\*\*</sup>General Education Course List - see page 1.

### ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE BUSINESS TECHNOLOGIES PROGRAMS IN HOTEL/RESTAURANT/HOSPITALITY

Program: Business Technologies - Hotel/Restaurant/Hospitality - Hospitality Management

Degree: Associate in Applied Science Code: AAS.BT.HR.HOSP

Business Technologies, Hotel/Restaurant/Hospitality - Hospitality Management Students interested specifically in the management of people, goods, and services in the hospitality industry, should enroll in this program option. Students will understand the regulations and standards that concern the hospitality industry and be proficient in food preparation, purchasing, and all phases of hospitality work, supervision and management. Graduates are eligible for jobs and supervisory or middle management positions in hotels, restaurants, food service companies, and related areas of the hospitality industry.

GENERAL EDUCATION REQUIREMENTS		RECOMMENDED SEMESTER SEQUENCE		
Communication	6	First Semester		
WRT101 English Composition I	3 _	BUS101 Introduction to Business 3		
WRT WRT201 English Composition II or	3	HRM101 Intro to Hospitality Management 3		
WRT202 Technical Writing		HRM102 Food Protection and Safety 3		
	,	HRM103 Professional Food Preparation 3		
Humanities Electives**	6	Techniques		
Two general education courses selected from the following		HRM106 Menu Planning and Nutrition 1		
fields, with no more than one course in any one field:		WRT101 English Composition I 3		
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		16		
Studies [CIN]); History (HIS); Literature (LIT); Philosophy				
and Religion (PHR); World Languages and Cultures (LAN).		Second Semester		
		ACC206 Hospitality Accounting 3		
Social Science Elective**	3	BUS103 Business Mathematics 3		
One general education course selected from the following		HRM217 Issues in the Hospitality Industry 2		
fields: Economics (ECO); Geography (GEO); Political		HRM462 Co-Op Work Experience (H/R/H) 2		
Science (POL); Psychology (PSY); Sociology (SOC) and		WRT201 English Composition II 3		
Anthropology (ANT).		Humanities Elective** 3		
,		16		
Mathematics, Natural Science, & Technology**	3-4			
One general education course to be selected from the		Third Semester		
following fields: Mathematics (MAT); Computer Science (CIS)		HRM104 Front Office Procedures 2		
Information Technology (INF); Biology (BIO); Chemistry (CHM);		HRM108 Computer Applications/ 1		
Physics (PHY).		Hospitality Industry		
		HRM202 Quantity Food Production/Service* 3		
Additional General Education Elective**	3	HRM204 Food Purchasing 2		
		HRM205 Restaurant Service Management 3		
PROGRAM REQUIREMENTS	44	HRM/LGL219 Hospitality Law 3		
ACC206 Hospitality Accounting	3	Social Science Elective** 3		
BUS101 Introduction to Business	3	17		
BUS103 Business Mathematics	3			
HRM101 Intro to Hospitality Management	3	Fourth Semester		
HRM102 Food Protection	3	HRM201 Food and Beverage Cost Control 1		
HRM103 Professional Food Preparation Techniques	3	HRM203 Beverage Management 2		
HRM104 Front Office Procedures	2	HRM206 Commercial Restaurant Operation*** 3		
HRM106 Menu Planning and Nutrition	1	HRM207 Hotel Sales & Convention Planning 1		
HRM108 Computer Applications/	1	Math/Computer Science/Natural 3-4		
HRM201 Food and Beverage Cost Control	1	Science/Technology Elective**		
HRM202 Quantity Food Production and Service *	3	Humanities Elective** 3		
HRM203 Beverage Management	2	General Education Elective** 3		
HRM204 Food Purchasing	2	16-17		
HRM205 Restaurant Service Management	3			
HRM206 Commercial Restaurant Operation***	3			
HRM207 Hotel Sales & Convention Planning	1			
HRM217 Issues in the Hospitality Industry	2			
HRM219/LGL219 Hospitality Law	3	Specific Program Notes		
HRM462 Co-Op Work Experience (H/R/H)	2	*Class offered only during fall semester.		
		**General Education Elective(s) see page 1.		
TOTAL CREDITS	65-66	***Class offered only during spring semester.		

#### Specific Program Notes, continued

Students who enter this program in the spring should reverse the THIRD and FOURTH semesters, that is, take the FOURTH semester before the THIRD semester.

#### ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE **BUSINESS TECHNOLOGIES - INFORMATION TECHNOLOGY - OFFICE TECHNOLOGY**

Program: Business Technologies - Information Technology - Office Technology Degree: Associate in Applied Science Code: AAS.BT.OFF.TECH

GENERAL EDUCATION REQUIREMENTS	21-22
Communication	6
WRT101 English Composition I	3
WRT WRT201 English Composition II or	3
WRT202 Technical Writing	
Humanities Electives**	6

#### **Humanities Electives\*\***

Two general education courses selected from the following fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN).

#### Social Science Elective\*\*

One general education course selected from the following fields: Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).

#### Mathematics, Natural Science, & Technology\*\*

One general education course to be selected from the following fields: Mathematics (MAT); Computer Science (CIS) Information Technology (INF); Biology (BIO); Chemistry (CHM); Physics (PHY).

#### Additional General Education Elective\*\*

PROGRAM REQUIREMENTS	43
INF100 Keyboarding*	3
INF101 Intro to Information Technology	3
INF114 Microsoft Office	3
INF119 Document Processing with Microsoft Word	3
INF140 Introduction to Multimedia	3
INF146 Web Development	3
INF217 Database for Applications [Oracle]	3
INF228 Excel for Problem Solving	1
ACC120 Computerized Accounting	3
BUS101 Introduction to Business	3
BUS103 Business Mathematics	3
BUS105 Business Communications	3
BUS271 e-Commerce	3
Restricted Electives***	6
TOTAL CREDITS	64-65

#### RECOMMENDED SEMESTER SEQUENCE

#### First Semester

INF100	Keyboarding*	3
INF101	Intro to Information Technology	3
INF114	Microsoft Office	3
BUS101	Introduction to Business	3
WRT101	English Composition I	3
		15

#### **Second Semester**

3

3-4

3

INF119	Document Processing with	3
	Microsoft Word	
INF140	Introduction to Multimedia	3
INF146	Web Development	3
BUS103	Business Mathematics	3
BUS105	Business Communications	3
WRT	WRT201 English Composition II	3
	or WRT202 Technical Writing	
		18

#### **Third Semester**

INF217	Database for Applications [Oracle]	3
ACC120	Computerized Accounting	3
	Humanities Elective**	3
	Math/Computer Science/Natural	3-4
	Science/Technology Elective**	
	General Education Elective**	3
		15-16

#### **Fourth Semester**

INF228	Excel for Problem Solving	1
BUS271	e-Commerce	3
	Restricted Electives***	6
	Humanities Elective**	3
	Social Science Elective**	3
		16

#### **Specific Program Notes**

\*Credit by Exam may be available.

<sup>\*\*</sup>General Education Elective(s) - see page 1.

<sup>\*\*\*</sup>Restricted Electives - Select two: INF108; INF150; INF160; INF253; or WEX101 and INF165.

GENERAL EDUCATION REQUIREMENTS	21-22	RECOMMENDED SEMESTER SEQUENCE		
Communication	6	First Sem	ester	
WRT101 English Composition I	3	COM.,.	COM100 Speech Communication	3
WRT WRT201 English Composition II or	3		or COM102 Public Speaking	
WRT202 Technical Writing		SOC102	Intro to Human Services	
		WRT101	English Composition I	
Humanities Electives*	6	PSY101	General Psychology	
Two general education courses selected from the following		0,000.00	Math/Computer Science/Natural	3-
fields, with no more than one course in any one field:			Science/Technology Elective*	
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema				15-1
Studies [CIN]); History (HIS); Literature (LIT); Philosophy				
and Religion (PHR); World Languages and Cultures (LAN)		Second S		
		EDU101	Introduction to Education	
Social Science: PSY101 General Psychology	3	EDU120	Early Childhood Education I	
		PSY201	Child Psychology	
Mathematics, Natural Science, & Technology*	3-4	EDU110	Foundations of Multicultural Ed	
One general education course to be selected from the		WRT	WRT201 English Composition II	
following fields: Mathematics (MAT); Computer Science (CIS			or WRT202 Technical Writing	
Information Technology (INF); Biology (BIO); Chemistry (CH	M);	424414	Humanities Elective*	
Physics (PHY).		-		1
Additional General Education Elective*	3	Third Semester		
		EDU124	Curriculum Materials & Methods	
PROGRAM REQUIREMENTS	41	EDU130	Infants & Toddlers in Early	;
PSY201 Child Psychology	3		Childhood Education	
SOC102 Introduction to Human Services	3	EDU220	Early Childhood Education II	
EDU101 Introduction to Education	3	EDU222	Supervised Field Work Exp I	
EDU120 Early Childhood Education I	3	EDU223	Field Work Seminar I	
COM100 Speech Communication	3		General Education Elective*	
EDU110 Foundations of Multicultural Education	3			1
EDU124 Curriculum Materials & Methods	3			
EDU130 Infants and Toddlers in Early Childhood Ed	3	Fourth Se		
EDU220 Early Childhood Education II	3	EDU126	Developing & Implementing	
EDU222 Supervised Field Work Experience I	2		Curriculum	
EDU223 Field Work Seminar I	2	EDU132	Parenting of Very Young Children	_ ;
EDU126 Developing & Implementing Curriculum	3	EDU224	Supervised Field Work Exp II	
EDU132 Parenting of Very Young Children	3	EDU225	Field Work Seminar II	
EDU224 Supervised Field Work Experience II	2	******	Humanities Elective*	
EDU225 Field Work Seminar II	2			1
PROGRAM SUPPORT REQUIREMENTS				
COM COM100 Speech Communication or COM102 Public Speaking	3			

Specific Program Notes
\*General Education Elective(s) – see page 1.

Program: Human Services - Correctional Studies Degree: Associate in Applied Science Code: AAS.HS.CORR **GENERAL EDUCATION REQUIREMENTS** 21-22 RECOMMENDED SEMESTER SEQUENCE Communication 6 First Semester WRT101 English Composition I CRJ101 Introduction to Criminal Justice\* 3 3 WRT... WRT201 English Composition II or 3 3 **CRJ102** Introduction to Corrections\* WRT202 Technical Writing **WRT101** English Composition I 3 Humanities Elective\* 3 **Humanities Electives\*\*** Social Science Elective\*\*† 3 6 Dynamics of Health & Fitness 2 Two general education courses selected from the following **WEX101** fields, with no more than one course in any one field: 17 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy Second Semester Topics in Criminal Justice and Religion (PHR); World Languages and Cultures (LAN). 3 **CRJ108 CRJ113** The Juvenile Justice Process 3 Social Science Elective\*\* POL104 State & Local Government 3 3 One general education course selected from the following 3 SOC101 Sociology\*\*\* fields: Economics (ECO); Geography (GEO); Political **WRT201** English Composition II 3 WEX... Science (POL); Psychology (PSY); Sociology (SOC) and Dynamics of Health & Fitness Exp 1 Anthropology (ANT). (WEX201, 204, 205, 206, or 208) 16 Mathematics, Natural Science, & Technology\*\* 3-4 One general education course to be selected from the Third Semester CRJ107 following fields: Mathematics (MAT); Computer Science (CIS) Criminology\*\*\* 3 Information Technology (INF); Biology (BIO); Chemistry (CHM); CRJ114 Correctional Administration\* 3 Physics (PHY). 3 LIT220 Social Aspects of Literature SOC103 Sociology of the Family 3 Additional General Education Course: Math/Computer Science/Natural 3-4 3 COM... COM100 Speech Communication or Science/Technology Elective\*\* COM102 Public Speaking 15-16 **PROGRAM REQUIREMENTS** 39 **Fourth Semester** CRJ101 Introduction to Criminal Justice\* 3 **CRJ115** Correctional Law\* 3 CRJ102 Introduction to Corrections\* 3 **PSY102** Intro to Abnormal Psychology 3 CRJ103 Criminal Law 3 or CRJ107 Criminology\*\*\* 3 **PSY104** Psychology of Human Relations CRJ108 Topics in Criminal Justice Social Problems 3 3 SOC113 CRJ113 The Juvenile Justice Process COM100 Speech Communication 3 COM... 3 CRJ114 Correctional Administration\* 3 or COM102 Public Speaking 3 CRJ115 Correctional Law\* Humanities Elective\*\*‡ 3 . . . . . . POL104 State & Local Government 3 Free Elective‡‡ 2 17 PSY102 Intro to Abnormal Psychology 3 PSY104 Psychology of Human Relations SOC101 Sociology 3 SOC103 Sociology of the Family Specific Program Notes 3 SOC113 Social Problems 3 \*Highly recommended: take CRJ102 before taking CRJ114 and CRJ115. \*\*General Education Elective(s) - see page 1. PROGRAM SUPPORT REQUIREMENTS 3 \*\*\*Highly recommended: take SOC101 before taking WEX101 Dynamics of Health & Fitness 2 WEX... Dynamics of Health & Fitness Exp CRJ107. 1 tHighly recommended: PSY101. FREE ELECTIVE 2 ‡Highly recommended: PHR102. ‡‡Highly recommended: CRJ463 Coo-Op Education **TOTAL CREDITS** 65-66 [Corrections].

#### Specific Program Notes, continued

GENERAL EDUCATION REQUIREMENTS 21-22		RECOMMENDED SEMESTER SEQUENCE			
Communication	6	First Seme	ester		
WRT101 English Composition I	3	CRJ101	Introduction to Criminal Justice*	:	
WRT WRT201 English Composition II or	3	SOC101	Sociology**		
WRT202 Technical Writing		WRT101	English Composition I	:	
			Humanities Elective***†	(	
Humanities Electives***	6	******	Social Science Elective***‡	;	
Two general education courses selected from the following		WEX101	Dynamics of Health & Fitness		
fields, with no more than one course in any one field:				1	
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema					
Studies [CIN]); History (HIS); Literature (LIT); Philosophy		Second S			
and Religion (PHR); World Languages and Cultures (LAN).		CRJ109	Contemporary Issues in Policing	- (	
		CRJ113	The Juvenile Justice Process	3	
Social Science Elective***	3	POL104	State & Local Government		
One general education course selected from the following		SOC103	Sociology of the Family	3	
fields: Economics (ECO); Geography (GEO); Political		WRT201	English Composition II	3	
Science (POL); Psychology (PSY); Sociology (SOC) and		WEX	Dynamics of Health & Fitness Exp		
Anthropology (ANT).		-	(WEX201, 204, 205, 206, or 208)		
				1	
Mathematics, Natural Science, & Technology***	3-4				
One general education course to be selected from the		Third Sem			
following fields: Mathematics (MAT); Computer Science (CIS)		CRJ105	Police Administration*	- 3	
Information Technology (INF); Biology (BIO); Chemistry (CHM);		CRJ111	Criminal Investigation	3	
Physics (PHY).		LIT220 SOC113	Social Aspects of Literature Social Problems	- 1	
Additional General Education Course:	2		Math/Computer Science/Natural	3-	
COM COM100 Speech Communication or	3		Science/Technology Elective***	3~	
COM102 Public Speaking			Science/ reciniology Elective	15-1	
PROGRAM REQUIREMENTS	39	Fourth Se	mester		
CRJ101 Introduction to Criminal Justice*	3	CRJ103	Criminal Law*	-	
CRJ103 Criminal Law*	3	CRJ107	Criminology**	- 3	
CRJ105 Police Administration*	3	COM	COM100 Speech Communication		
CRJ107 Criminology**	3		or COM102 Public Speaking		
CRJ109 Contemporary Issues in Policing	3	PSY102	Intro to Abnormal Psychology		
CRJ111 Criminal Investigation	3		or	3	
CRJ113 The Juvenile Justice Process	3	PSY104	Psychology of Human Relations		
POL104 State & Local Government	3		Humanities Elective***#		
PSY102 Intro to Abnormal Psychology		*****	Free Elective	2	
or	3			1	
PSY104 Psychology of Human Relations					
SOC101 Sociology**	3				
SOC103 Sociology of the Family	3				
SOC113 Social Problems	3				
PROGRAM SUPPORT REQUIREMENTS	3				
WEX101 Dynamics of Health & Fitness	2				
	1				
WEX Dynamics of Health & Fitness Exp	•				
WEX Dynamics of Health & Fitness Exp	2				

#### **Specific Program Notes**

\*Highly recommended: take CRJ101 before taking CRJ103 and CRJ105.
\*\*Highly recommended: take SOC101 before taking CRJ107.

\*\*\*General Education Elective(s) - see page 1.

†Highly recommended: PHR102.

‡Highly recommended: PSY101.

‡‡Highly recommended: HIS112.

Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

Degree: Associate in Applied Science Code: AAS.LS.PARALGL		<u> </u>
GENERAL EDUCATION REQUIREMENTS	21-22	RECOMMENDED SEMESTER SEQUENCE
Communication	6	First Semester
WRT101 English Composition I	3	LGL101 Fundamentals of Law
WRT WRT201 English Composition II or	3	LGL103 Legal Research and Writing
WRT202 Technical Writing		LGL110 Legal Ethics
		REA101 Principles of Real Estate I
Humanities Electives*	6	WRT101 English Composition I
Two general education courses selected from the following		Social Science Elective*
fields, with no more than one course in any one field:		
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy		Second Semester
and Religion (PHR); World Languages and Cultures (LAN).		LGL200 Business Communications for
and rengion (Firty, World Languages and Cultures (Line).		Paralegals**
Social Science Elective*	3	LGL203 Paralegalism & Legal Procedure**
One general education course selected from the following		LGL220 Computer Assisted Legal Research
fields: Economics (ECO); Geography (GEO); Political		WRT201 English Composition II
Science (POL); Psychology (PSY); Sociology (SOC) and		Humanities Elective*
Anthropology (ANT).		
Mathematics, Natural Science, & Technology*	3-4	Third Semester
One general education course to be selected from the		LGL202 NJ and Federal Courts**
following fields: Mathematics (MAT); Computer Science (CIS)		LGL205 Mechanics of Prop Transactions**
Information Technology (INF); Biology (BIO); Chemistry (CHM);		LGL207 Wills and Administration**
Physics (PHY).		LGL208 Mechanics of Family Law**
		Math/Computer Science/Natural 3
Additional General Education Course:	3	Science/Technology Elective*
COM COM100 Speech Communication or		Humanities Elective*†
COM102 Public Speaking		18-
PROGRAM REQUIREMENTS	44	Fourth Semester
LGL101 Fundamentals of Law	3	LGL206 Mechanics of Commercial
LGL103 Legal Research and Writing	3	Transactions**
LGL110 Legal Ethics	3	LGL210 Legal Accounting I**
LGL200 Business Communications for Paralegals	3	LGL234 Personal Injury and Product
LGL202 NJ and Federal Courts	3	Lîability**
LGL203 Paralegalism and Legal Procedure	3	LGL462 Co-Op Work Exp [Paralegal]
LGL205 Mechanics of Property Transactions	3	COM COM100 Speech Communication
LGL206 Mechanics of Commercial Transactions	3	or COM102 Public Speaking
LGL207 Wills and Administration	3	
LGL208 Mechanics of Family Law Transactions	3	
LGL210 Legal Accounting I	3	
LGL220 Computer Assisted Legal Research LGL234 Personal Injury and Product Liability	3 3	
GL462 Co-On Work Eve (Paralegal)	2	

**TOTAL CREDITS** 

Specific Program Notes
\*General Education Elective(s) – see page 1.

LGL462 Co-Op Work Exp [Paralegal]

REA101 Principles of Real Estate I

†PHR105 Professional Ethics is recommended.

Students enrolled in this program ARE NOT REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

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<sup>\*\*</sup>Specialized course that may be offered only in the evening.

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Program: Music - Music Business Option Degree: Associate in Applied Science Code: AAS.MUSC.MUS.BUS **GENERAL EDUCATION REQUIREMENTS** 21-22 RECOMMENDED SEMESTER SEQUENCE 6 Communication First Semester WRT101 English Composition I 3 BUS101 Introduction to Business WRT... WRT201 English Composition II or 3 MUS152 Introduction to the Music Business WRT202 Technical Writing MUS163 Careers in Music MUS... Music Elective 2-3 **Humanities Electives\*** 6 WRT101 English Composition I Two general education courses selected from the following **Humanities Elective\*** . . . . . . fields, with no more than one course in any one field: 17-18 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy Second Semester and Religion (PHR); World Languages and Cultures (LAN). Music in the Marketplace MUS252 MUS... Music Elective Social Science Course 3 BUS... **Business Elective ECO101 Macroeconomics** 3 INF... Information Technology Elective Mathematics, Natural Science, & Technology\* 3-4 or One general education course to be selected from the COM... Communication Elective following fields: Mathematics (MAT); Computer Science (CIS) COM101 Mass Media of Communication Information Technology (INF); Biology (BIO); Chemistry (CHM); WRT... WRT201 English Composition II Physics (PHY). or WRT202 Technical Writing 15 3 Additional General Education Elective:\* Third Semester **PROGRAM REQUIREMENTS** 43-44 MUS262 Concert Promotion & Production MUS... ACC110 Financial Accounting Music Elective 3 **Business Communications BUS101 Introduction to Business** 3 BUS105 **BUS105 Business Communications** 3 ECO101 Macroeconomics COM101 Mass Media of Communication 3 Math/Computer Science/Natural 3-4 ..... MUS152 Introduction to the Music Business 3 Science/Technology Elective\* 3 MUS163 Careers in Music 15-16 MUS252 Music in the Marketplace 3 3 MUS262 Concert Promotion & Production Fourth Semester 2 MUS462 Co-Op Work Exp [Music] MUS462 Co-Op Work Exp [Music] MUS... Music Electives 11-12 ACC110 Financial Accounting BUS... Business Elective BUS... Business Elective or or INF... Information Technology Elective 6 INF... Information Technology Elective COM... Communication Elective COM... Communication Elective MUS... Music Elective Humanities Elective\* General Education Elective\*

#### Specific Program Notes

**TOTAL CREDITS** 

\*General Education Elective(s) - see page 1.

Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

#### AAS Degree Programs - Health Professions and Career Technologies

#### **Curriculum Requirements**

Degree: Associate in Science

Code: AAS

As stated above (p. 61), Associate in Applied Science (AAS) degree programs are designed to prepare students for employment in their chosen fields of endeavor. Such programs are not designed to prepare students for transfer into bechelor's degree programs in four-year colleges and universities although some such programs may have transfer agreements with select four-year schools for graduates wishing to continue their education at the bachelor's degree level.

The career AAS degree programs presented in this section are organized according to the following categories: Health Professions and Career Technologies.

To receive the Associate in Applied Science (AAS) degree, a student must earn a minimum of 64 credits and complete all courses and specific requirements listed within the student's chosen curriculum. Each AAS curriculum in Health Professions or Career Technologies must contain the following general education and other program requirements:

Area of Study	Credita	Course Description
Communication	6	WRT101 English Composition I (3 cr.) WRT201 English Composition II (3 cr.) or WRT202 Technical Writing (3 cr.)
Humanities and Social Sciences	6	Two general education courses (6 cr.) to be selected from the following fields, with no more than one course (3 cr.) in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]) Literature (LIT) Philosophy and Religion (PHR) World Languages and Cultures (LAN)  Economics (ECO) Geography (GEO) Political Science (POL) Psychology (PSY) Sociology (SOC) and Anthropology (ANT)
Mathematics, Natural Sciences, and Technology	7-8	Two general education courses (7-8 cr.) to be selected from the following fields: Mathematics (MAT) Computer Science (CIS) Information Technology (INF) Biology (BIO) Chemistry (CHM) Physics (PHY)
General Education Credits	0-3	To be assigned in accordance with the needs of the program.
Total GE Credits:	20-22	
Other Requirements	38-45	Restricted Program Requirements and Program Support Requirements.
Free Electives	0-6	Programs can make recommendations in footnotes.
Total Credits	64-66	Note: Some AAS programs require more than 66 credits for licensing/accreditation purposes.

Program: Health Professions - Dental Hygiene

Degree: Associate in Applied Science

Code: AAS.HP.DENTL

Program Length: 24 months; Preadmission Test: Dental Hygiene Admissions Exam; GPA for admissions eligibility: 2.50

High School prerequisite courses: Chemistry, with lab; Biology, with lab; Algebra; College substitutions: BIO109; MAT035; CHM100;

Application Deadline: February 1; Program Admits: Fall semester

Note: High School Biology is waived if College Biology, preferably BIO109, is successfully completed. Eligible candidates are invited to sit for the Dental Hygiene Admissions Examination.

GENERAL EDUCATION REQUIREMENTS	20	RECOMM	ENDED SEMESTER SEQUENCE	
Communication	6	First Sem	ester	
WRT101 English Composition I	3	BIO104	Microbiology	4
WRT201 English Composition II	3	BIO109	Anatomy & Physiology I	4
		DHY101	Oral Hygiene I	3
Humanities* and Social Sciences	6	DHY108	Dental & Oral Anatomy &	2
One general education course selected from the	3		Physiology	_
Following fields: Arts (Art [ART], Music [MUS],		DHY109	Oral Embryology & Histology	2
Theatre Arts [THR], Cinema Studies [CIN]);		WRT101	English Composition I	3
History (HIS); Literature (LIT); Philosophy and				18
Religion (PHR); World Languages and Cultures (LAN).				
, , , , , , , , , , , , , , , , , , ,		Second S	emester	
PSY101 General Psychology	3	BIO209	Anatomy & Physiology II	4
,		DHY201	Oral Hygiene II	3
Mathematics, Natural Sciences, & Technology	8	DHY205	Dental Radiology	3
BIO109 Anatomy & Physiology I	4	DHY209	Periodontology I	1
BIO209 Anatomy & Physiology II	4	WEX101	Dynamics of Health & Fitness	2
		WRT201	. English Composition II	3
PROGRAM REQUIREMENTS	36			16
DHY101 Oral Hygiene I	3			
DHY201 Oral Hygiene II	3	Summer !	Session	
DHY202 Oral Hygiene III	4	CHM110	Basic Biochemistry	4
DHY203 Oral Hygiene IV	4	DHY200	Pharmacology for Dental Hygiene	2
DHY108 Dental & Oral Anatomy & Physiology	2	DHY220	Local Anesthesia	1
DHY109 Oral Embryology & Histology	2			7
DHY200 Pharmacology for Dental Hygiene	2			
DHY204 Dental Materials	2	Third Sen	nester	
DHY205 Dental Radiology	3	DHY202	Oral Hygiene III	4
DHY206 Community Oral Health I	2	DHY204	Dental Materials	2
DHY216 Community Oral Health II	1	DHY206	Community Oral Health I	2
DHY207 General & Oral Pathology	3	DHY207	General & Oral Pathology	3
DHY209 Periodontology I	1	DHY219	Periodontology II	1
DHY219 Periodontology II	1	COM	COM100 Speech Communication	3
DHY214 Nutrition in Dental Health	2		or COM102 Public Speaking	
DHY220 Local Anesthesia	1	WEX	Dynamics of Health & Fitness Exp	1
			(WEX201, 204, 205, 206, or 208)	
PROGRAM SUPPORT REQUIREMENTS	17			16
BIQ104 Microbiology	4			
CHM110 Basic Biochemistry	4	Fourth Se	mester	
SOC101 Sociology	3	DHY203	Oral Hygiene IV	4
COM COM100 Speech Communication	3	DHY214	Nutrition in Dental Health	2
or COM102 Public Speaking		DHY216	Community Oral Health II	1
WEX101 Dynamics of Health & Fitness	2	PSY101	General Psychology	3
WEX Dynamics of Health & Fitness Experience	1	SOC101	Sociology	3
, , , , , , , , , , , , , , , , , , , ,		******	Humanities Elective*	3
TOTAL CREDITS	73			16

#### Specific Program Notes

\*General Education Course List - see page 1.

### ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE PROGRAMS IN HEALTH PROFESSIONS

Program: Health Professions - Diagnostic Medical Sonography

Degree: Associate in Applied Science

Code: AAS.HP.DMS

Program length: 24 months; GPA for admissions eligibility: 2.50

Pre-Admissions Test: Diagnostic Medical Sonography Admissions Exam

Application Prerequisites: High school students are required to have taken advanced placement Biological Science (AP test documentation required,) high school advanced placement Physics (AP test documentation required,) and high school Algebra. If you have not taken these courses in high school, you need to take BIO109 Anatomy & Physiology I, PHY185 Introduction to Physics, and MAT035 or MAT031/032 Algebra

Application Deadline: February 1; Program Admits: Fall semester

Note: This regional program utilizes clinical education centers throughout the State of New Jersey. Students might be required to travel to distant sites and provide their own transportation.

GENERAL EDUCATION REQUIREMENTS	20-22
Communication WRT101 English Composition I	<b>6</b> 3
WRT WRT201 English Composition II or WRT202 Technical Writing	3
Humanities* and Social Sciences One 3-credit general education Humanities elective to be selected from the following fields: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN).	6 3
Social Science Course: PSY101 General Psychology	3
Mathematics, Natural Sciences, & Technology BIO109 Anatomy & Physiology I BIO209 Anatomy & Physiology II	8 4 4
PROGRAM REQUIREMENTS  DMS101 Ultrasound Physics and Instrumentation I DMS201 Ultrasound Physics and Instrumentation II DMS102 Clinical Medicine & Patient Care DMS113 Abdominal Sonography I DMS213 Abdominal Sonography II DMS215 Cross-Sectional Anatomy DMS204 Introduction to Medical Imaging DMS205 Obstetric and Gynecological Sonography DMS214 Echocardiography I DMS217 Echocardiography II DMS218 Ultrasound Clinic I DMS219 Ultrasound Clinic II-Abdomen DMS220 Ultrasound Clinic III-OB/GYN DMS221 Ultrasound Clinic IV-Echocardiography DMS222 Ultrasound Clinic V-Vascular DMS226 OB Sonography II DMS228 Advanced Ultrasound Practices DMS229 Vascular Imaging DMS230 Comprehensive Review	43 2 2 2 3 3 4 1 3 3 3 1 2 2 2 1 3 3 1 2 2 3 3 3 3 3 3
TOTAL CREDITS	66

#### RECOMMENDED SEMESTER SEQUENCE

First Sem	ester	
BIO109	Anatomy & Physiology I	4
DMS101	Ultrasound Physics and Instrumentation I	2
DMS102	Clinical Medicine & Patient Care	2
DMS113	Abdominal Sonography I	3
DMS115	Cross-Sectional Anatomy	4
WRT101	English Composition I	3
		18

Second Semester BIO209 Anatom

BIO209	Anatomy & Physiology II	4_
DMS201	Ultrasound Physics and	2
ļ	Instrumentation II	
DMS204	Introduction to Medical Imaging	1_
DMS205	Obstetric and Gynecological	3
	Sonography	
DMS213	Abdominal Sonography II	3_
DMS218	Ultrasound Clinic I	1
WRT201	. English Composition II	3
		17

 Summer Semester

 DMS219
 Ultrasound Clinic II-Abdomen
 2

 2
 2

Third Semester

DMS214	Echocardiography I	3
DMS220	Ultrasound Clinic III-OB/GYN	2
DMS226	OB Sonography II	3
DMS229	Vascular Imaging	2
	Humanities Elective*	3
		13

Fourth Semester

DMS221	Ultrasound Clinic IV-	2
!	Echocardiography	
DMS227	Echocardiography II	3
DMS228	Advanced Ultrasound Practices	1
PSY101	General Psychology	3
	Free Elective	3
		12

Summer Semester

DMS222	Ultrasound Clinic V-Vascular	1
DMS230	Comprehensive Review	3
		4

#### **Specific Program Notes**

\*General Education Course List - see page 1.

### ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE PROGRAMS IN HEALTH PROFESSIONS

Program: Health Professions - Health Science

Degree: Associate in Applied Science

Code: AAS.HP.HEALTH.SCI GPA for admissions eligibility: 2.50 Application Deadline: February 1 Program Admits: Fall and Spring semester

Note: Qualified students will be awarded 30 transfer credits. The credits will be applied to the degree in Health Science upon the completion of the curriculum. It is essential to understand that this program does not entitle the graduate eligibility to advanced certification or licensure within the Health Professions discipline.

Students who enter into this program must be aware of the Bergen Community College policy on the number of credits that must be taken at the College. Students enrolled in the AAS degree in Health Sciences must satisfy the English, Mathematics and algebra basic skills requirements.

Applicant must have graduated from a program that has acceptable accreditation agencies that is comparable to our Health Professions disciplines. Transcripts and credentials will be evaluated by an appointed admissions committee.

#### **GENERAL EDUCATION REQUIREMENTS** 20-22 6 Communication WRT101 English Composition I 3 WRT... WRT201 English Composition II or 3 WRT202 Technical Writing 6 **Humanities and Social Sciences\*†** Two general education courses selected from the following fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CINI): History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN); Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). Mathematics, Natural Sciences, & Technology\* 8 Natural Science Electives\*± 8 PROGRAM SUPPORT REQUIREMENTS 12 ..... Humanities Elective\* 3 ..... Social Science Elective\*† 3 ..... Mathematics/Computer Science Elective\* WEX101 Dynamics of Health & Fitness 2 WEX... Dynamics of Health & Fitness Experience 1

#### RECOMMENDED SEMESTER SEQUENCE

#### First Semester

WRT101	English Composition I	3
*****	Humanities Elective*	3
******	Social Science Elective*†	3
******	Mathematics/Computer Science	3
	Elective*	
	Natural Science Elective*‡	4
WEX101	Dynamics of Health & Fitness	2
		18

#### **Second Semester**

WRT201	English Composition II	3
	Humanities Elective*	3
*****	Social Science Elective*†	3
	Natural Science Elective*‡	4
WEX	Dynamics of Health & Fitness Exp (WEX201, 204, 205, 206, or 208)	1
	Free Elective*	3
		17

#### **Specific Program Notes**

**FREE ELECTIVE** 

**TOTAL CREDITS** 

\*General Education Course List -- see page 1.

†Recommended Social Science Electives: PSY101 General Psychology, PSY102 Abnormal Psychology, SOC101 Introduction to Sociology, SOC103 Sociology and the Family, SOC113 Social Problems.

3

35

‡Recommended Natural Science Electives: BIO103 Microbiology, BIO104 General Biology, BIO109 Anatomy and Physiology I, BIO203 General Biology II, BIO209 Anatomy and Physiology II, CHM100 Introduction to Chemistry, CHM112 College Chemistry, PHY185 Introduction to Physics.

Upon completion of the first and second semester courses, the 30 credits accepted for licensure/certificate will be granted. Students will have earned 65 credits necessary to complete the degree requirements.

GENERAL EDUCATION REQUIREMENTS	20-22	RECOMM	ENDED SEMESTER SEQUENCE	
Communication	6	First Sem	ester	
WRT101 English Composition I	3_	WRT101	English Composition I	_3
NRT WRT201 English Composition II or	3	BIO109	Anatomy & Physiology I	4
WRT202 Technical Writing	1	INF100	Keyboarding I	3
		MOA140	Medical Terminology	3
-lumanities* and Social Sciences	6	MOA141	Intro to Medical Assisting	3
One general education course selected from the	3			16
Following fields: Arts (Art [ART], Music [MUS],				
Theatre Arts [THR], Cinema Studies [CIN]),		Second S		
History (HIS); Literature (LIT); Philosophy and		WRT	WRT201 English Composition II	3
Religion (PHR); World Languages and Cultures (LAN).			or WRT202 Technical Writing	
		WEX101	Dynamics of Health & Fitness	2
PSY101 General Psychology	3	BIO209	Anatomy & Physiology II	4
		INF119	Document Processing with MW	3
Mathematics, Natural Sciences, & Technology	8	MOA240	Clinical Office Practice	4
BIO109 Anatomy & Physiology I	4			16
BIO209 Anatomy & Physiology II	4			
		Third Sen	nester	
PROGRAM REQUIREMENTS	33	WEX159	CPR & Emergency	3
MOA140 Medical Terminology	3	MOA218	Medical Economics	2
MOA141 Intro to Medical Assisting	3	MOA241	Clinical Lab Technology	4
MOA145 Med Office Assisting Overview	3	MOA243	Med Office Asst Externship I	1
MOA200 Pharmacology for MOA	2	MOA203	Med Asst Admin Procedures I	3
MOA201 Diagnostic & Procedural Coding	4		Humanities Elective*	3
MOA203 Med Asst Admin Procedures I	3			16
MOA204 Med Asst Admin Procedures II	3			
MOA218 Medical Economics	2	Fourth Se	mester	
MOA240 Clinical Office Practice	4	PSY101	General Psychology	3
MOA241 Clinical Lab Technology	4	MOA200	Pharmacology for MOAs	2
MOA243 Med Office Asst Externship I	1	MOA145	Med Office Assisting Overview	3
MOA244 Med Office Asst Externship II	1	MOA201	Diagnostic & Procedural Coding	4
		MOA244	Med Office Asst Externship II	1
PROGRAM SUPPORT REQUIREMENTS	11	MOA204	Med Asst Admin Procedures II	3
NF100 Keyboarding I	3			16
NF119 Document Processing with MW	3			
WEX101 Dynamics of Health & Fitness	2			
NEX159 CPR & Emergency	3			

#### Specific Program Notes

\*General Education Course List - see page 1.

Program: Health Professions - Medical Office Assistant

Program: Health Professions - Radiography Degree: Associate in Applied Science

Code: AAS.HP.RAD Program Length: 24 months

Preadmission Test: Radiography Admissions Exam

GPA for admissions eligibility: 2.50
High School prerequisite courses: 1 year science [College Placement Biology and Lab]; 1 year Algebra [Algebra II].

College substitutions: BIO109; MAT035 Application Deadline: February 1 Program Admits: Fall semester

Note: High school Biology is waived if college Biology, preferably BIO109, is successfully completed.

GENERAL EDUCATION REQUIREMENTS	20-22	RECOMM	ENDED SEMESTER SEQUENCE	
Communication	6	First Sem	ester	
WRT101 English Composition	3	BIO109	Anatomy & Physiology I	4
WRT WRT201 English Composition II or	3	RAD180	Introduction to Radiography	3
WRT202 Technical Writing		RAD181	Radiography I	5
		RAD182	Radiography Clinical I	1
Humanities and Social Sciences*	6	WRT101	English Composition I	3
Two general education courses selected from the following				16
fields, with no more than one course in any one field:				
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		Second S	emester	
Studies [CIN]); History (HIS); Literature (LIT); Philosophy		BIO209	Anatomy & Physiology II	4
and Religion (PHR); World Languages and Cultures (LAN);		RAD276	Principles of Imaging Equipment	3
Economics (ECO); Geography (GEO); Political Science (POL);		RAD281	Radiography II	4
Psychology (PSY); Sociology (SOC) and Anthropology (ANT).		RAD282	Radiography Clinical II	2
, 3, (,, 3, (,		WRT	WRT201 English Composition II	3
Mathematics, Natural Sciences, & Technology	8		or WRT202 Technical Writing	
BIO109 Anatomy & Physiology I	4			16
BIO209 Anatomy & Physiology II	4			
		Summer 3	Semester	
		RAD283	Intermediate Radiography Clinical	3
PROGRAM REQUIREMENTS	44	RAD280	Principles of Image Production	3
RAD180 Introduction to Radiography	3			6
RAD181 Radiography I	5			-
RAD182 Radiography Clinical I	1	Third Sen	nester	
RAD281 Radiography II	4	RAD183	Radiographic Pathology	2
RAD282 Radiography Clinical II	2	RAD184	Advanced Imaging Equipment &	2
RAD285 Radiography III	4		Patient Care Practices	
RAD286 Radiography Clinical III	2	RAD285	Radiography III	4
RAD288 Radiography IV	4	RAD286	Radiography Clinical III	2
RAD289 Radiography Clinical IV	3	MAT150	Statistics I	3
RAD183 Radiographic Pathology	2			13
RAD184 Advanced Imaging Equipment & Patient Care Practice				
RAD275 Therapeutic & Imaging Modalities	1	Fourth Se		
RAD276 Principles of Imaging Equipment	3	RAD275	Therapeutic & Imaging Modalities	1
RAD283 Intermediate Radiography Clinical	3	RAD288	Radiography IV	4
RAD280 Principles of Image Production	3	RAD289	Radiography Clinical IV	3
RAD290 Senior Student Seminar	3		Humanities Elective*	3
		*****	Social Science Elective*	3
PROGRAM SUPPORT REQUIREMENTS	6			14
MAT150 Statistics I	3			
		Summer		
		RAD290	Senior Student Seminar	_ 3
TOTAL CREDITS	68			3

#### Specific Program Notes

\*General Education Course List - see page 1.

Program: Health Professions - Respiratory Care

Degree: Associate in Applied Science

Code: AAS.HP.RESP

Program Length: 24 months; GPA for admissions eligibility: 2.00; High School prerequisite courses: Chemistry with lab; Biology with lab; Algebra; College substitutions: BIO109; CHM100; MAT035

Application Deadline: February 1; Program Admits: Fall semester

Pre-admission Test: Respiratory Care Admissions Examination – beginning with Fall 2013 applications Note: High school Biology is waived if college Biology, preferably BIO109, is successfully completed.

GENERAL EDUCATION REQUIREMENTS	20	RECOMMENDED SEMESTER SEQUENCE
Communication	6	First Semester
WRT101 English Composition I	3	BIO109 Anatomy & Physiology I 4
WRT201 English Composition II	3	RSP110 Respiratory Care Pharmacology 2
·		RSP119 Introduction to Respiratory Care 4
Humanities and Social Sciences*	6	RSP121 Respiratory Care Clinical 1
Two general education courses selected from the following		Externship I (16 hrs/wk x 7 wks =
fields, with no more than one course in any one field:		112 hrs)
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		WRT101 English Composition I 3
Studies [CIN]); History (HiS); Literature (LIT); Philosophy		14
and Religion (PHR); World Languages and Cultures (LAN);		Canand Camantar
Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).		Second Semester BIO209 Anatomy & Physiology II 4
rsychology (PST), Sociology (SOC) and Anthropology (ANT).		CHM112 College Chemistry 4
Mathematics, Natural Sciences, & Technology	8	RSP210 Cardiopulmonary Diseases and 3
BIO109 Anatomy & Physiology I	4	Disorders
BIO209 Anatomy & Physiology II	4	RSP220 Fundamentals of Respiratory 3
	•	Critical Care
		RSP222 Cardiopulmonary Anatomy and 2
PROGRAM REQUIREMENTS	45	Physiology
BIO104 Microbiology	4	RSP225 Respiratory Care Clinical 2
CHM112 College Biochemistry	4	Externship II (16 hrs/wk = 240 hrs)
RSP110 Respiratory Care Pharmacology	2	18
RSP119 Introduction to Respiratory Care	4	
RSP210 Cardiopulmonary Diseases and Disorders	3	Summer Session
RSP220 Fundamentals of Respiratory Critical Care	3	RSP226 Respiratory Care Clinical 2 Externship III (40 hrs/wk = 240 hrs -
RSP222 Cardiopulmonary Anatomy and Physiology RSP240 Diagnostic Monitoring & Patient Assessment	2 4	Based on 6 weeks)
RSP241 Neonatal and Pediatric Respiratory Care	3	Dased on a weeks)
RSP250 Respiratory Critical Care	4	
RSP260 Special Topics in Respiratory Care	3	Third Semester
The second secon	_	BIO104 Microbiology 4
Clinical Externship Courses		RSP231 Respiratory Care Clinical 2
RSP121 Respiratory Care Clinical Externship I	1	Externship IV (16 hrs/wk = 240 hrs)
RSP125 Respiratory Care Clinical Externship II	2	RSP240 Diagnostic Monitoring and 4
RSP226 Respiratory Care Clinical Externship III	2	Patient Assessment
RSP231 Respiratory Care Clinical Externship IV	2	RSP250 Respiratory Critical Care 4
RSP235 Respiratory Care Clinical Externship V	2	WRT201 English Composition II 3
		17
TOTAL CREDITS	65	Fourth Semester
	•	RSP235 Respiratory Care Clinical 2
		Externship V (16 hrs/wk = 240 hrs)
		RSP241 Neonatal and Pediatric 3
		Respiratory Care
		RSP260 Special Topics in Respiratory Care 3
		Humanities Elective* 3
		Social Science Elective* 3
		14

#### Specific Program Notes

\*General Education Course List - see page 1.

Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by Placement

Successful completion of program and exit examinations are required for graduation.

## ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE PROGRAMS IN HEALTH PROFESSIONS

Program: Health Professions - Veterinary Technology

Degree: Associate in Applied Science

Code: AAS.HP.VET Program Length: 24 months

Preadmission Test: Veterinary Technology Admissions Exam

GPA for admissions eligibility: 2.00

Prerequisites: BIO115; VET102; VET103; CHM112; WRT101

Application Deadline: November 1; Program Admits: Spring semester

Note: Applicants will only be accepted once the prerequisites stated above have been successfully completed. Applicants are strongly encouraged to meet with a program official regarding application procedures. Travel is required for all students enrolled in this program.

GENERAL EDUCATION REQUIREMENTS	20-22	RECOMMENDED SEMESTER SEQUENCE
Communication	6	First Semester
WRT101 English Composition I	3	VET102 Intro to Veterinary Technology 1
WRT201 English Composition II	3	VET103 Veterinary Medical Terminology 1
The state of the s		BIO115 Vertebrate Anatomy & Physiology I 4
Humanities and Social Sciences*	6	CHM112 College Chemistry 4
Two general education courses selected from the following		WRT101 English Composition I 3
fields, with no more than one course in any one field:		13
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		
Studies [CIN]); History (HIS); Literature (LIT); Philosophy		Second Semester
and Religion (PHR); World Languages and Cultures (LAN);		VET104 Research Animal Technology 3
Economics (ECO); Geography (GEO); Political Science (POL);		VET110 Nutrition & Principles of Feeding 2
Psychology (PSY); Sociology (SOC) and Anthropology (ANT).		VET112 Veterinary Pharmacology 3
		BIO215 Vertebrate Anatomy & Physiology II 4
Mathematics, Natural Science, & Technology	8	WRT201 English Composition II 3
BIO104 Microbiology	4	15
CHM112 College Chemistry	4	
		Summer Session
PROGRAM REQUIREMENTS	38	BIO104 Microbiology 4
VET102 Introduction to Veterinary Technology	1	VET220 Veterinary Tech Externship I† 1
VET103 Veterinary Medical Terminology	1	Humanities Elective* 3
VET104 Research Animal Technology	3	8
VET110 Nutrition and Principles of Feeding	2	
VET112 Veterinary Pharmacology	3	Third Semester
VET203 Veterinary Nursing I	3	VET203 Veterinary Nursing I 3
VET204 Veterinary Dental Techniques	3	VET2XX Veterinary Dental Techniques 3
VET205 Clinical Laboratory Procedures I	3	VET205 Clinical Laboratory Procedures 1 3
VET207 Diagnostic Imaging	3	VET207 Diagnostic Imaging 3
VET214 Veterinary Nursing II	3	12
VET216 Veterinary Office Management	2	
VET217 Clinical laboratory Procedures II	3	Fourth Semester
VET219 Surgical Assistance and Anesthesia	3	VET214 Veterinary Nursing II 3
VET218 Farm Animal Nursing	3	VET217 Clinical Laboratory Procedures II 3
VET220 Veterinary Technology Externship I	1	VET216 Veterinary Office Management 2
VET221 Veterinary Technology Externship II	1	VET219 Surgical Assistance & Anesthesia 3
	_	Social Science Elective* 3
PROGRAM SUPPORT REQUIREMENTS	8	14
BIO115 Vertebrate Anatomy and Physiology I	4	0
BIO215 Vertebrate Anatomy and Physiology II	4	Summer Session
		VET218 Farm Animal Nursing†† 3
TOTAL OPERATOR		VET221 Veterinary Tech Externship II† 1
TOTAL CREDITS	66	4

#### Specific Program Notes

"General Education Elective(s) - see page 1.

†Student enrollment in VET 220 and VET 221 requires permission from the Academic Department Chair.

††VET218 is taught off-campus.

NOTE: BIO115, CHM112, WRT101, VET102, and VET103 are prerequisite courses that each student must take in order to be eligible for program admission.

Program: Nursing, Day Session Degree: Associate in Applied Science

Code: AAS.NURS.DAY

Program Length: 2 academic years

Preadmission Test: Nursing Program Admissions Exam

GPA for admissions eligibility: 2.50

High School prerequisite courses: Chemistry and Biology with lab; Algebra College substitutions: CHM100; BIO109; MAT035 or MAT031/032

Application Deadline: February 1 for fall admission. Program Admits: Fall semester.

The day nursing program accepts students for fall only.

The total number of credits required for the AAS degree is 69: 33 nursing credits and 36 general credits.

Exit Examination: A nationally standardized examination will be given. Only those students who achieve a passing score and have met all other degree requirements will be certified by the Director to take the NCLEX-RN.

GENERAL EDUCATION REQUIREMENTS	20	RECOMMENDED SEMESTER SEQUENCE
Communication	6	First Semester
WRT101 English Composition I	3	BIO109 Anatomy & Physiology I 4
WRT201 English Composition II	3	NUR181 Physical Assessment 1
		NUR182 Pharmacology for Nurses 1
Humanities* and Social Sciences	6	NUR183 Basic Concepts & Skills of Nursing 6
One general education course selected from the	3	PSY101 General Psychology 3
Following fields: Arts (Art [ART], Music [MUS],		WRT101 English Composition I 3
Theatre Arts [THR], Cinema Studies [CIN]);		18
History (HIS); Literature (LIT); Philosophy and		
Religion (PHR); World Languages and Cultures (LAN).		Second Semester
		BIO209 Anatomy & Physiology II 4
PSY101 General Psychology	3	NUR281 Adult Health Nursing A 4
		NUR282 Adult Health Nursing B 4
Mathematics, Natural Sciences, & Technology	8	PSY106 Developmental Psychology 3
BIO109 Anatomy & Physiology I	4	WRT201 English Composition II 3
BIO209 Anatomy & Physiology II	4	18
PROGRAM REQUIREMENTS	37	Third Semester
BIO104 Microbiology	4	BIO104 Microbiology 4
NUR181 Physical Assessment	1	NUR284 Maternal-Child Health Nursing 5
NUR182 Pharmacology for Nurses	1	NUR285 Mental Health Nursing 4
NUR183 Basic Concepts & Skills of Nursing	6	SOC101 Sociology 3
NUR281 Adult Health Nursing A	4	16
NUR282 Adult Health Nursing B	4	
NUR290 Adult Health Nursing C	4	Fourth Semester
NUR291 Adult Health Nursing D	4	NUR290 Adult Health Nursing C 4
NUR284 Maternal-Child Health Nursing	5	NUR291 Adult Health Nursing D 4
NUR285 Mental Health Nursing	4	Humanities Elective* 3
		Humanities Elective 3
PROGRAM SUPPORT REQUIREMENTS	12	(need not be General Ed course)
Humanities Elective (need not be Gen Ed course)	3	14
PSY106 Developmental Psychology	3	
SOC101 Sociology	3	
TOTAL CREDITS	66	

#### Specific Program Notes

\*General Education Course List – see page 1.

### ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE PROGRAMS IN HEALTH PROFESSIONS

Program: Nursing, Evening Session Degree: Associate in Applied Science

Code: AAS.NURS.EVE

Program Length: 2 academic years; Preadmission Test: Nursing Program Admissions Exam GPA for admissions eligibility: 2.50; High School prerequisite courses: Chemistry and Biology with lab; and Algebra; College substitutions; CHM100; BIO109; MAT035 or MAT031/032; College prerequisite courses: BIO109 and BIO209; WRT101 and WRT201; PSY101 and PSY106; SOC101.

Application Deadline: October 1 for spring admission. Program Admits: Spring semester.

Exit Examination: A nationally standardized examination will be given. Only those students who achieve a passing score and have met all other degree requirements will be cortified by the Director of Nursing to take the NCLEX-RN.

GENERAL EDUCATION REQUIREMENTS	20	RECOMM	ENDED SEMESTER SEQUENCE	
Communication	6	First Sem	ester	
WRT101 English Composition I	3	BIO109	Anatomy & Physiology I†	4
WRT201 English Composition II	3	PSY101	General Psychology†	3
		WRT101	English Composition I†	3
Humanities* and Social Sciences	6			10
One general education course selected from the	3			
Following fields: Arts (Art [ART], Music [MUS],		Second S		
Theatre Arts [THR], Cinema Studies [CIN]);		BIO209	Anatomy & Physiology II†	4
History (HIS); Literature (LIT); Philosophy and		PSY106	Developmental Psychology†	3
Religion (PHR); World Languages and Cultures (LAN).		WRT201	English Composition II†	3
				10
PSY101 General Psychology	3			
		Summer S		
Mathematics, Natural Sciences, & Technology	8	SOC101	Sociology†	3
BIO109 Anatomy & Physiology I	4			3
BIO209 Anatomy & Physiology II	4			
		Third Sen		
PROGRAM REQUIREMENTS	37	NUR181	Physical Assessment	1
BIO104 Microbiology	4	NUR182	Pharmacology for Nurses	1
NUR181 Physical Assessment	1	NUR183	Basic Concepts & Skills of Nursing	6
NUR182 Pharmacology for Nurses	1			8
NUR183 Basic Concepts & Skills of Nursing	6			
NUR281 Adult Health Nursing A	4	Fourth Se		
NUR282 Adult Health Nursing B	4	NUR281	Adult Health Nursing A	4
NUR290 Adult Health Nursing C	4	NUR282	Adult Health Nursing B	4
NUR291 Adult Health Nursing D	4	L		8
NUR284 Maternal-Child Health Nursing	5			
NUR285 Mental Health Nursing	4		ester / Summer	
		BIO104	Microbiology	4
PROGRAM SUPPORT REQUIREMENTS	9			4
Humanities Electives (need not be Gen Ed course)	3	0: 4: 0		
PSY106 Developmental Psychology	3	Sixth Sen		
SOC101 Sociology	3	NUR284	Maternal-Child Health Nursing	5
		NUR285	Mental Health Nursing	4
TOTAL CREDITS	66			9
		Couranth C	S	
		Seventh S	Humanities Elective*	
Casalida Bassasa Natas		*****	Humanities Elective	3
Specific Program Notes	1		(need not be General Ed course)	3
*General Education Course List – see page 1.	,		(need not be General Ed course)	6
†Evening nursing applicants cannot be accepted until ge				
co-requisites (8 courses) have been completed. The Eve	ning			
nursing program accepts students for spring only.		Seventh S		
		NUR290	Adult Health Nursing C	4
Students enrolled in this program ARE REQUIRED to successful		NUR291	Adult Health Nursing D	4
complete a course in basic algebra if indicated by Placement Te	esting.			8

## ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE PROGRAMS IN HEALTH PROFESSIONS AND CAREER TECHNOLOGIES

Program: Health Professions and Career Technologies – Interdisciplinary Program in Medical Informatics
Degree: Associate in Applied Science
Code: AAS.MED.INFO

A A A A I I I I A I I I I I I I I I I I			
GENERAL EDUCATION REQUIREMENTS	20-22	RECOMMENDED SEMESTER SEQUENCE	
Communication	6	First Semester	
WRT101 English Composition I	3	BIO109 Anatomy & Physiology I	4
WRT WRT201 English Composition II or	3	INF101 Intro to Information Technology	3
WRT202 Technical Writing		INF Programming Language	3
		Fundamentals Elective*	
Humanities and Social Sciences***	6	MOA140 Medical Terminology	3
Two general education courses selected from the following		WRT101 English Composition I	3
fields, with no more than one course in any one field:			16
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema			
Studies [CIN]); History (HIS); Literature (LIT); Philosophy		Second Semester	
and Religion (PHR); World Languages and Cultures (LAN);		BIO209 Anatomy & Physiology II	4
Economics (ECO); Geography (GEO); Political Science (POL);		INF Advanced Programming Language	3
Psychology (PSY); Sociology (SOC) and Anthropology (ANT).		Elective**	
		MOA201 Diagnostic & Procedural Coding	3
Mathematics, Natural Science, & Technology	8	WRT WRT201 English Composition II	3
BIO109 Anatomy & Physiology I	4	or WRT202 Technical Writing	
BIO209 Anatomy & Physiology II	4	Humanities Elective***	3
, , , , , , , , , , , , , , , , , , , ,			16
PROGRAM REQUIREMENTS	37		
INF Programming Language Fundamentals Elective*	3	Third Semester	
INF Advanced Programming Language Elective**	3	INF217 Database for Applications [Oracle]	3
INF101 Introduction to Information Technology	3	MOA141 Intro to Medical Assisting	3
INF217 Database for Applications	3	MOA218 Medical Economics	2
INF218 Database Programming	3	MAT Mathematics Elective***	3-4
INF219 Database Administration	3	Humanities Elective***	3
INF239 Applications Development	3	WEX101 Dynamics of Health & Fitness	2
MOA140 Medical Terminology	3		6-17
MOA141 Intro to Medical Assisting	3		
MOA200 Pharmacology for Medical Office Assistants	2	Fourth Semester	
MOA201 Diagnostic & Procedural Coding	3	BUS101 Introduction to Business	3
MOA218 Medical Economics	2	INF218 Database Programming	3
BUS101 Introduction to Business	3	INF219 Database Administration	3
	J	INF239 Applications Development	3
PROGRAM SUPPORT REQUIREMENTS	8-9	MOA200 Pharmacology for MOAs	-2
MAT Mathematics Elective***	3-4	Social Science Elective***	3
WEX101 Dynamics of Health & Fitness	2	Odda odeno Liedive	17
Humanities Elective***	3		- 17
Hamannos Liconyc	J		
TOTAL CREDITS	65-66		
TO THE STREET	55-66		

#### **Specific Program Notes**

\*Programming Language Fundamentals Elective - INF145, INF152, or INF153.

\*\*\*General Education Elective(s) - see page 1.

<sup>\*\*</sup>Advanced Programming Language Elective – INF224, INF246, or INF268.

Program: Career Technologies – Drafting and Design Tech Degree: Associate in Applied Science Code: AAS.IDT.DRFT	nology		
GENERAL EDUCATION REQUIREMENTS	20	RECOMMENDED SEMESTER SEQUENCE	
Communication	6	First Semester	
WRT101 English Composition I	3	DFT107 Drafting I	2
WRT202 Technical Writing	3	DFT210 Computer Aided Drafting I	3
-		MFG122 Machine Tool Principles I	3
Humanities and Social Sciences*	6		3
Two general education courses selected from the following			3
fields, with no more than one course in any one field:		Free Elective†	2
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema		1	6
Studies [CIN]); History (HIS); Literature (LIT); Philosophy			
and Religion (PHR), World Languages and Cultures (LAN);		Second Semester	
Economics (ECO); Geography (GEO); Political Science (POL);			3
Psychology (PSY); Sociology (SOC) and Anthropology (ANT).			3
			3
Mathematics, Natural Science, & Technology	8		3
PHY185 Introduction to Physics	4		3
CHM102 Chemistry in Context	4	1.	5
		<b>-</b> 1.4.4.	
PROGRAM REQUIREMENTS	40-41	Third Semester	
DFT107 Drafting I	2		3
DFT210 Computer Aided Drafting I	3		3
DFT207 Drafting II	3		3
DFT208 Engineering Graphics I	3		3
DFT209 Civil Engineering Methods	3		2
DFT215 Building Systems	3		8
DFT262 Architectural Drafting	3		<u>8</u> ]
DFT263 Architectural Design DFT265 Architectural Practice & Planning	3 3	Fourth Semester	
DFT266 Materials & Methods of Construction	3		3
DFT270 Building Information Modeling			3
DI 1270 boliding intormation Modeling	3		3
DFT463 Co-Op Work Exp (Drafting)	٠,١	Of 1202 reciffical flustration	۱ ۲
DFT282 Technical Illustration	3		4
or or	١		4
TEC180 Problem Solving Using Technology	4	DFT270 Building Information Modeling	<del>"</del>
MFG122 Machine Tool Principles I	3		3
HRT104 Landscape Plants & Materials I	2	MFG463 Co-Op Work Exp (Drafting)	٦
The taction of the territories	-	16-1	7
FREE ELECTIVES	5	10-1	لــــ
	-		
TOTAL CREDITS	66		

Specific Program Notes
\*General Education Elective(s) – see page 1.

†WEX101 Dynamics of Health and Fitness (2 cr.) and COM100 Speech Communication (3 cr.) are recommended.

## ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE PROGRAMS IN CAREER TECHNOLOGIES

GENERAL EDUCATION REQUIREMENTS	20	RECOMM	ENDED SEMESTER SEQUENCE	
, , , , , , , , , , , , , , , , , , ,				
Communication	6	First Sem		
WRT101 English Composition I	3	ELC100	Intro to Electronics Technology	2
WRT202 Technical Writing	3	ELC101	DC-Circuit Analysis	4
	_	PHY185	Introduction to Physics	_ 4
Humanities and Social Sciences*	6	TEC180	Problem Solving Using Technology	4
Two general education courses selected from the following		WRT101	English Composition I	3
fields, with no more than one course in any one field:				17
Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema				
Studies [CIN]); History (HIS); Literature (LIT); Philosophy		Second S		
and Religion (PHR); World Languages and Cultures (LAN);		ELC201	AC-Circuit Analysis	4
Economics (ECO); Geography (GEO); Political Science (POL);		ELC203	Electronics I	4
Psychology (PSY); Sociology (SOC) and Anthropology (ANT).		CHM102	Chemistry in Context	4
Mathematica No. 10 to 10 To 1	_	сом	COM100 Speech Communication	3
Mathematics, Natural Science, & Technology	8	144574404	or COM102 Public Speaking	
CHM102 Chemistry in Context	4	WEX101	Dynamics of Health & Fitness	2
PHY185 Introduction to Physics	4			17
PROGRAM REQUIREMENTS	41	Third Sen	rester	
DFT107 Drafting I	2	DFT107	Drafting I	2
ELC100 Intro to Electronics Technology	2	ELC204	Electronics II	4
ELC101 DC-Circuit Analysis	4	ELC214	Communication Systems I	4
ELC201 AC-Circuit Analysis	4	MFG122	Machine Tool Principles I	3
ELC203 Electronics I	4	WRT202	Technical Writing	3
ELC204 Electronics II	4	***************************************	v o o m m o o m o m o o m o o m o o m o o m o	16
ELC214 Communication Systems I	4			
ELC215 Communication Systems II	4	Fourth Se	mester	
MFG122 Machine Tool Principles I	3	ELC215	Communication Systems II	4
MFG124 Applied Metrology	3	MFG124	Applied Metrology	3
MFG206 Concepts of Industrial Design	3	MFG206	Concepts of Industrial Design	3
TEC180 Problem Solving Using Technology	4		Humanities Elective*	3
	•	******	Social Science Elective*	3
PROGRAM SUPPORT REQUIREMENTS	5	1		16
COM COM100 Speech Communication	3			
or COM102 Public Speaking	-			
WEX101 Dynamics of Health & Fitness	2			

Specific Program Notes
\*General Education Elective(s) – see page 1.

## ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE PROGRAMS IN CAREER TECHNOLOGIES

Degree: Associate in Applied Science Code: AAS.IDT.ENGIN.TECH GENERAL EDUCATION REQUIREMENTS 20 RECOMMENDED SEMESTER SEQUENCE Communication 6 First Semester WRT101 English Composition I ELC101 DC-Circuit Analysis WRT202 Technical Writing 3 **PHY185** Introduction to Physics 4 Problem Solving Using Technology TEC180 4 English Composition I 3 **Humanities and Social Sciences\*** 6 WRT101 Two general education courses selected from the following WEX101 Dynamics of Health & Fitness 2 17 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy Second Semester and Religion (PHR); World Languages and Cultures (LAN); CHM102 Chemistry in Context 4 Economics (ECO); Geography (GEO); Political Science (POL); DFT107 Drafting I 2 ELC201 Psychology (PSY); Sociology (SOC) and Anthropology (ANT). AC-Circuit Analysis 4 **ELC203** Electronics I 4 COM... Mathematics, Natural Science, & Technology 8 COM100 Speech Communication 3 CHM102 Chemistry in Context or COM102 Public Speaking 4 PHY185 Introduction to Physics 4 17 **PROGRAM REQUIREMENTS** 40 Third Semester DFT107 Drafting I DFT207 Drafting II 3 2 DFT207 Drafting II ELC204 Electronics II 3 4 Machine Tool Principles I **DFT209 Civil Engineering Methods** MFG122 3 3 DFT210 Computer Aided Drafting I WRT202 **Technical Writing** 3 3 **Humanities Elective**\* 3 MFG119 Pro/Engineer Design I 16 ELC101 DC-Circuit Analysis 4 ELC201 AC-Circuit Analysis 4 Fourth Semester Civil Engineering Methods 3 ELC203 Electronics I 4 **DFT209** ELC204 Electronics II 4 DFT210 Computer Aided Drafting I MFG122 Machine Tool Principles I 3 3 or Pro/Engineer Design I MFG124 Applied Metrology 3 MFG119 MFG206 Concepts of Industrial Design MFG124 Applied Metrology 3 3 MFG206 Concepts of Industrial Design TEC180 Problem Solving Using Technology 4 3 Social Science Elective\* 3 . . . . . . PROGRAM SUPPORT REQUIREMENTS 15 5 COM... COM100 Speech Communication 3 or COM102 Public Speaking WEX101 Dynamics of Health & Fitness 2 **TOTAL CREDITS** 65

#### **Specific Program Notes**

\*General Education Elective(s) - see page 1.

Program: Career Technologies - General Engineering Technology

16

Code: AAS.IDT.MFG.TECH **GENERAL EDUCATION REQUIREMENTS** 20 Communication 6 WRT101 English Composition I 3 WRT202 Technical Writing 3 **Humanities and Social Sciences\*** 6 Two general education courses selected from the following fields, with no more than one course in any one field: Arls (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN); Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). Mathematics, Natural Science, & Technology 8 PHY185 Introduction to Physics 4 CHM102 Chemistry in Context 4 **PROGRAM REQUIREMENTS** 41 DFT107 Drafting I DFT210 Computer Aided Drafting I 3 MFG119 Pro/Engineer Design I 3 MFG122 Machine Tool Principles I 3 3 MFG124 Applied Metrology MFG130 Welding Technology I 3 MFG206 Concepts of Industrial Design 3 3 MFG222 Machine Tool Principles II MFG226 Methods, Fixture Design, & Estimating 4 MFG227 CNC Programming I 3 MFG229 Materials Processing & Fabrication 4 MFG228 CNC Programming II 3 MFG463 Co-Op Work Exp (Manufacturing) **ELC110 Electric Power Technology** 4 TEC180 Problem Solving Using Technology **FREE ELECTIVES** 5

Program: Career Technologies - Manufacturing Technology

Degree: Associate in Applied Science

RECOMMENDED	SEMESTER	SEQUENCE

First Seme	ester	
DFT107	Drafting I	2
MFG122	Machine Tool Principles I	3
MFG124	Applied Metrology	3
WRT101	English Composition I	3
ELC110	Electric Power Technology	
	or	4
TEC180	Problem Solving Using Technology	
	·-	15

Second S	emester	
MFG222	Machine Tool Principles II	3
MFG229	Materials Processing & Fabrication	4
WRT202	Technical Writing	3
	Humanities Elective*	3
	Free Elective†	3

MFG119	Pro/Engineer Design I	3
MFG226	Methods, Fixture Design, & Estimating	3
MFG227	CNC Programming 1	4
MFG130	Welding Technology I	3
PHY185	Introduction to Physics	4
		17

Fourth Se	mester	
DFT210	Computer Aided Drafting I	3
MFG206	Concepts of Industrial Design	3
CHM102	Chemistry in Context	4
	Social Science Elective*	3
	Free Elective†	2
MFG228	CNC Programming II	
	or	3
MFG463	Co-Op Work Exp (Manufacturing)	
		18

#### Specific Program Notes

**TOTAL CREDITS** 

\*General Education Elective(s) - see page 1.

†COM100 Speech Communication (3 cr.) and WEX101 Dynamics of Health and Fitness (2 cr.) are recommended.

Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

66

## ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE PROGRAMS IN CAREER TECHNOLOGIES

Program: Career Technologies - Science Technology, Horticulture Degree: Associate in Applied Science Code: AAS.ST.HORT **GENERAL EDUCATION REQUIREMENTS** 20 RECOMMENDED SEMESTER SEQUENCE Communication 6 First Semester WRT101 English Composition I HRT101 3 Fundamentals of Horticulture 3 WRT... WRT201 English Composition II or 3 HRT102 Plant Science 4 WRT202 Technical Writing HRT104 Landscape Plants & Materials I 2 4 BIO130 People-Plant Relations 3 **Humanities and Social Sciences\*** 6 WRT101 English Composition I Two general education courses selected from the following 16 fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema **Second Semester** Interior Plantscaping Studies [CIN]); History (HIS); Literature (LIT); Philosophy HRT120 3 Plant Propagation and Religion (PHR); World Languages and Cultures (LAN); HRT232 4 Economics (ECO); Geography (GEO); Political Science (POL); Landscape Plants & Materials II 4 **HRT233** 3 Psychology (PSY); Sociology (SOC) and Anthropology (ANT). **WRT201** English Composition II 3 Social Science Elective\* 17 Mathematics, Natural Science, & Technology 8 BIO130 People-Plant Relations 4 4 **BIO131 General Botany Third Semester HRT103** Turl and Ground Management 3 PROGRAM REQUIREMENTS 4 41-42 **HRT112** Pests and Ornamental Plants HRT101 Fundamentals of Horticulture 3 HRT204 Landscape Graphics 2 HRT102 Plant Science 4 HRT236 Horticulture Marketing and Sales 3 3 HRT103 Turf and Ground Management BIO108 Intro to Environmental Biology 4 HRT104 Landscape Plants & Materials I 2 16 HRT112 Pests and Ornamental Plants 4 HRT113 Principles of Landscaping 3 **Fourth Semester** HRT120 Interior Plantscaping 3 Introduction to Business BUS101 3 2 HRT204 Landscape Graphics **HRT113** Principles of Landscaping 3 4 Co-Op Work Exp (Horticulture) HRT462 3 HRT232 Plant Propagation 4 HRT... HRT233 Landscape Plants & Materials II Restricted HRT Electivet 3-4 HRT236 Horticulture Marketing and Sales 3 **Humanities Elective\*** 3 ..... HRT462 Co-Op Work Exp (Horticulture) 3 15-16 HRT... Restricted HRT Elective 3-4 PROGRAM SUPPORT REQUIREMENTS 3 **BUS101 Introduction to Business** 3 **TOTAL CREDITS** 64-65

#### **Specific Program Notes**

\*General Education Elective(s) - see page 1.

†Restricted HRT Elective: HRT115, HRT119, HRT235, HRT237.

#### ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE PROGRAMS IN CAREER TECHNOLOGIES

**CAREER PROGRAMS** 

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Program: Career Technologies - Science Technology, Horticulture - Landscape/Design/Build Option Degree: Associate in Applied Science Code: AAS.ST.LAND

GENERAL EDUCATION REQUIREMENTS	
Communication	6
WRT101 English Composition I	3
WRT WRT201 English Composition II or	3
WRT202 Technical Writing	

#### **Humanities and Social Sciences\*** Two general education courses selected from the following fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN); Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).

#### Mathematics, Natural Science, & Technology 8 BIO130 People-Plant Relations BIO108 Intro to Environmental Biology

PROGRAM REQUIREMENTS	44-45
HRT102 Plant Science	4
HRT103 Turf and Ground Management	3
HRT104 Landscape Plants & Materials I	2
HRT113 Principles of Landscaping	3
HRT114 Computer Applications for Landscape Design	3
HRT130 Landscape Contracting	1
HRT204 Landscape Graphics	2
HRT213 Sustainable Design & Construction	3
HRT214 Landscape Design/Build Capstone	4
HRT215 Landscape Design/Build Management	3
HRT233 Landscape Plants & Materials II	4
HRT235 Landscape Site Analysis & Construction	3
HRT236 Horticulture Marketing and Sales	3
HRT462 Co-Op Work Exp (Horticulture)	3
HRT Restricted HRT Elective	3-4

#### RECOMMENDED SEMESTER SEQUENCE

First Semester		
HRT102	Plant Science	4
HRT104	Landscape Plants & Materials I	2
HRT113	Principles of Landscaping	3
BIO130	People-Plant Relations	4
WRT101	English Composition I	3

Second S	emester	
HRT204	Landscape Graphics	2
HRT233	Landscape Plants & Materials II	4
HRT235	Landscape Site Analysis and Construction	3
WRT201	English Composition II	3
	Social Science Elective*	3
		15

Summer Semester		
HRT130	Landscape Contracting	1
HRT462	Co-Op Work Exp (Horticulture)	3
		4

Third Sen	nester	
BIO108	Intro to Environmental Biology	4
HRT103	Turf and Ground Management	3
HRT114	Computer Applications for	3
L	Landscape Design	
HRT213	Sustainable Design & Construction	3
	Humanilies Elective*	3
		16

Fourth Se	mester	
HRT214	Landscape Design/Build Capstone	4
HRT215	Landscape Design/Build	3
L	Management	
HRT236	Horticulture Marketing and Sales	3
HRT	Restricted HRT Elective†	3-4
		13-14

### Specific Program Notes

**TOTAL CREDITS** 

\*General Education Elective(s) – see page 1. †Restricted HRT Elective: HRT115, HRT119, HRT235, HRT237.

Students enrolled in this program ARE NOT REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

3

15

Code: AAS.IT.DB GENERAL EDUCATION REQUIREMENTS 20-22 RECOMMENDED SEMESTER SEQUENCE Communication 6 **First Semester** WRT101 English Composition I BUS101 Introduction to Business 3 3 WRT... WRT201 English Composition II or 3 **INF101** Intro to Information Technology 3 INF,,, WRT202 Technical Writing Programming Language 3 Fundamentals Elective\* **Humanities and Social Sciences†** 6 **INF150 Business Programming Logic** 3 **WRT101** English Composition I Two general education courses selected from the following 3 fields, with no more than one course in any one field: Humanities or Social Sciences 3 \*\*\*\* Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Elective† Studies [CIN]); History (HIS); Literature (LIT); Philosophy 18 and Religion (PHR); World Languages and Cultures (LAN); Economics (ECO); Geography (GEO); Political Science (POL); **Second Semester** Advanced Programming Language Psychology (PSY); Sociology (SOC) and Anthropology (ANT). 3 INF... Elective\*\* Mathematics, Natural Science, & Technology 7-8 **INF114** Microsoft Office 3 **INF146** Web Development MAT... Mathematics Elective+ 3-4 3 ..... Natural Science Elective† 4 WRT... WRT201 English Composition II 3 or WRT202 Technical Writing

0-3

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Third Companies

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If a student elects a 3-credit course in Mathematics, then the

3-credit Program Requirement, INF101 Intro to Information Technology (see below), will count as a general education course in this category in order to meet the requirement of

Program: Information Technology - Database Programming and Administration

Degree: Associate in Applied Science

INF160	Networking Technologies and	3
	Data Communications	
INF208	Systems Analysis and Design	3
INF217	Database for Applications	3
INF253	Technical Communications	3
MAT	Mathematics Elective†	3-4
		15-16

**Humanities or Social Sciences** 

**Elective†** 

INF218	Database Programming	3
INF219	Database Administration	3
INF239	Applications Development	3
	Restricted Elective***	3
1-114	Natural Science Elective†	4
		16

#### Specific Program Notes

**TOTAL CREDITS** 

**General Education Credits** 

20-22 credits in general education.

\*Programming Language Fundamentals Elective - INF145, INF152, INF153.

\*\*Advanced Programming Language Elective - INF224, INF246, INF268.

64-65

<sup>\*\*\*</sup>Restricted Elective – GAM111; INF130; INF267; INF152; INF153; ACC101; ACC110; BUS271; or WEX101 and INF228. †General Education Elective(s) – see page 1. Recommended Mathematics elective: MAT180, MAT280, or MAT223.

Degree: Associate in Applied Science Code: AAS.IT.NET GENERAL EDUCATION REQUIREMENTS 20-22 RECOMMENDED SEMESTER SEQUENCE 6 Communication First Semester WRT101 English Composition I Intro to Information Technology 3 3 **INF101** WRT... WRT201 English Composition II or 3 INF108 PC Upgrade, Maintenance and 3 WRT202 Technical Writing Diagnosis Networking Technologies and 3 **INF160 Humanities and Social Sciences\*** 6 Data Communications **INF114** Two general education courses selected from the following Microsoft Office 3 fields, with no more than one course in any one field: **WRT101** English Composition I 3 Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema **Humanities or Social Sciences** 3 ..... Studies [CIN]); History (HIS); Literature (LIT); Philosophy Elective\* and Religion (PHR); World Languages and Cultures (LAN); 18 Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT). Second Semester BUS101 Introduction to Business 3 Mathematics, Natural Science, & Technology 7-8 INF272 Windows Active Directory 3 MAT... Mathematics Elective\* Windows Client 3-4 **INF232** 3 ..... Natural Science Elective\* WRT201 English Composition II 4 WRT... 3 or WRT202 Technical Writing **General Education Credits** 0 - 3**Humanities or Social Sciences** 3 ..... If a student elects a 3-credit course in Mathematics, then the Elective\* 3-credit Program Requirement, INF101 Intro to Information 15 Technology (see below), will count as a general education course in this category in order to meet the requirement of Third Semester 20-22 credits in general education. **INF252** Windows Server 3 INF253 **Technical Communications** 3 PROGRAM REQUIREMENTS 45 **INF254** UNIX/Linux for Network 3 INF101 Intro to Information Technology Administrators 3 INF108 PC Upgrade, Maintenance and Diagnosis 3 INF265 Network Configuration I 3 **INF114 Microsoft Office** 3 Natural Science Elective\* 4 3 17 **INF160 Network Technologies and Data Communications** INF232 Windows Client 3 INF252 Windows Server 3 Fourth Semester INF253 Technical Communication Topics in Networking 3 INF256 3 INF254 UNIX for the Network Administrator 3 3 Database Administration **INF256 Topics in Networking** INF219 3 Network Troubleshooting 3 INF257 Network Troubleshooting **INF257** 3 INF265 Network Configuration I 3 **INF267** Network Security 3 Restricted Elective\*\* 3 **INF267 Network Security** 3 3-4 **INF272 Windows Active Directory** MAT... Mathematics Elective\* 15-16 **BUS101 Introduction to Business** 3 ..... Restricted Elective‡ 3 **TOTAL CREDITS** 64-65

#### **Specific Program Notes**

\*General Education Elective(s) - see page 1. Recommended Mathematics elective: MAT180, MAT280, or MAT223.

Program: Information Technology - Networking Administration

<sup>\*\*</sup>Restricted Elective - INF146; INF150; INF270; INF271; INF273; BUS271; or WEX101 and INF228.

Degree: Associate in Applied Science Code: AAS.IT.WEB 20-22 **GENERAL EDUCATION REQUIREMENTS** RECOMMENDED SEMESTER SEQUENCE Communication 6 **First Semester** WRT101 English Composition I 3 BUS101 Introduction to Business 3 Intro to Information Technology WRT... WRT201 English Composition II or 3 **INF101** 3 WRT202 Technical Writing INF. Programming Language Fundamentals 3 Elective\* 6 INF150 **Business Programming Logic Humanities and Social Sciences†** 3 Two general education courses selected from the following **WRT101** English Composition I 3 fields, with no more than one course in any one field: **Humanities or Social Sciences** 3 \*\*\*\*\* Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema **Elective†** Studies [CIN]); History (HIS); Literature (LIT); Philosophy 18 and Religion (PHR); World Languages and Cultures (LAN); Economics (ECO); Geography (GEO); Political Science (POL); Second Semester Psychology (PSY); Sociology (SOC) and Anthropology (ANT). Advanced Programming Language INF... 3 Elective\*\* Mathematics, Natural Science, & Technology 7-8 **INF114** Microsoft Office 3 MAT... Mathematics Elective† 3-4 **INF140** Introduction to Multimedia 3 ..... Natural Science Elective+ **INF146** Web Development 3 WRT201 English Composition II WRT... 3 0-3 or WRT202 Technical Writing **General Education Credits** If a student elects a 3-credit course in Mathematics, then the 15 3-credit Program Requirement, INF101 Intro to Information Technology (see below), will count as a general education Third Semester course in this category in order to meet the requirement of **INF160** Networking Technologies and 3 20-22 credits in general education. **Data Communications INF208** Systems Analysis & Design 3 **PROGRAM REQUIREMENTS** 45 **INF217 Database for Applications** 3 INF... Programming Language Fundamentals Elective\* 3 **INF253 Technical Communications** 3 INF... Advanced Programming Language Elective\*\* 3 **Mathematics Elective†** MAT ... 3-4 INF101 Introduction to Information Technology 3 15-16 **INF114 Microsoft Office** 3 INF140 Introduction to Multimedia 3 **Fourth Semester** 3 **INF146** Web Development **INF263** Advanced Web Development 3 3 **INF150 Business Programming Logic INF239** Applications Development 3 INF160 Networking Technologies and Data Communications 3 Restricted Elective\*\* 3 . . . . . 3 INF208 Systems Analysis & Design Natural Science Elective† 4 INF217 Database for Applications 3 **Humanities or Social Sciences** 3 \*\*\*\*\* **INF239 Applications Development** 3 **Elective†** 3 **INF253 Technical Communications** 16 **INF263 Advanced Web Development** 3 **BUS101 Introduction to Business** 3 **TOTAL CREDITS** 64-65

#### Specific Program Notes

\*Programming Language Fundamentals Elective – INF145, INF152, or INF153.

Program: Information Technology - Web Development and Management

\*\*Advanced Programming Language Elective – INF224, INF246, or INF268.

\*\*\*Restricted Elective – GAM111; INF130; INF145; INF152; INF153; INF163; INF230; INF267; BUS271; or WEX101 and INF161. †General Education Elective(s) – see page 1. Recommended Mathematics elective: MAT180, MAT280, or MAT223.

Program: Software Development - Game Programming Degree: Associate in Applied Science Code: AAS.SD.GAME.PGMG **GENERAL EDUCATION REQUIREMENTS** 20-22 RECOMMENDED SEMESTER SEQUENCE Communication 6 First Semester Fundamentals of Programming WRT101 English Composition I CIS165 3 3 Intro to Game Architecture & Design WRT... WRT201 English Composition II or 3 GAM110 3 WRT202 Technical Writing **GAM111** Game Programming 2D 3 Introduction to Information Technology 3 **INF101 Humanities and Social Sciences\*** 6 **WRT101** English Composition I 3 Two general education courses selected from the following **Humanities or Social Sciences** 3 . . . . . . fields, with no more than one course in any one field: Elective\* Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema 18 Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN); Second Semester Economics (ECO); Geography (GEO); Political Science (POL); **Advanced Programming Concepts CIS265** 3 Game Development 2D Psychology (PSY); Sociology (SOC) and Anthropology (ANT). GAM211 3 INF140 Introduction to Multimedia 3 Mathematics, Natural Science, & Technology 7-8 MAT... Mathematics Elective\* 3-4 MAT... Mathematics Elective\* WRT... WRT201 English Composition II 3-4 3 PHY186 General Physics I 4 or WRT202 Technical Writing 15-16 **General Education Credits** 0-3 If a student elects a 3-credit course in Mathematics, then the Third Semester 3-credit Program Requirement, INF101 Intro to Information CIS277 Data Structures & Algorithms 3 Technology (see below), will count as a general education **GAM221** Game Programming 3D 3 course in this category in order to meet the requirement of Testing & Quality Assurance **INF130** 3 20-22 credits in general education. **INF230** Advanced Mullimedia 3 MAT/CIS. Restricted Elective\*\* 4 **PROGRAM REQUIREMENTS** 43 16 CIS165 Fundamentals of Programming 3 CIS265 Advanced Programming Concepts Fourth Semester 3 CIS277 Data Structures & Algorithms 3 **GAM222** Game Development 3D 3 GAM110 Intro to Game Architecture & Design 3 Restricted Elective\*\*\* INF. 3 GAM111 Game Programming 2D 3 PHY186 General Physics I 4 3 GAM211 Game Development 2D Writing/Humanities Restricted 3 Elective\*\*\* GAM221 Game Programming 3D 3 GAM222 Game Development 3D 3 Humanities or Social Sciences 3 **INF101 Introduction to Information Technology** 3 Elective\* INF140 Introduction to Multimedia 3 16 INF130 Testing & Quality Assurance 3 INF230 Advanced Multimedia 3 INF... Restricted Elective\*\*\* 3 MAT/CIS... Restricted Elective\*\* 4 PROGRAM SUPPORT REQUIREMENTS 3 ..... Writing/Humanities Restricted Elective\*\*\*\* **TOTAL CREDITS** 65-66

#### Specific Program Notes

\*General Education Elective(s) – see page 1. Recommended Mathematics elective: MAT180, MAT280, or MAT223. Recommended Humanities electives: MUS101, MUS110, or ART110. Recommended Social Science electives: Psychology (PSY) courses.

<sup>\*\*</sup>MAT/CIS Restricted Elective – MAT286 or CIS288.

<sup>\*\*\*</sup>INF Restricted Elective - INF217 or INF146.

<sup>\*\*\*\*</sup>Writing/Humanities Restricted Elective - WRT204, MUS150, MUS151, ART122, or ART126.

### ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE

Degree: Associate in Applied Science Code: AAS.SD.GAME.TEST **GENERAL EDUCATION REQUIREMENTS** 20-22 RECOMMENDED SEMESTER SEQUENCE Communication 6 First Semester WRT101 English Composition I Intro to Game Architecture & Design 3 GAM110 3 WRT... WRT201 English Composition II or 3 GAM111 Game Programming 2D 3 WRT202 Technical Writing **INF101** Introduction to Information Technology 3 Introductory Programming Elective\* 3 **Humanities and Social Sciences\*\*** 6 **WRT101** English Composition I 3 Two general education courses selected from the following **Humanities or Social Sciences** 3 fields, with no more than one course in any one field: Elective\*\* Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema 18 Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN); Second Semester Economics (ECO); Geography (GEO); Political Science (POL); Game Development 2D 3 GAM211 Psychology (PSY); Sociology (SOC) and Anthropology (ANT). INF140 Introduction to Multimedia 3 Advanced Programming Elective\*\*\* 3 Mathematics, Natural Science, & Technology 7-8 MAT... Mathematics Elective\*\* 3-4 MAT... Mathematics Elective\* WRT... WRT201 English Composition II 3-4 3 PHY186 General Physics I or WRT202 Technical Writing 4 15-16 **General Education Credits** 0-3 If a student elects a 3-credit course in Mathematics, then the Third Semester 3-credit Program Requirement, INF101 Intro to Information GAM221 Game Programming 3D 3 Technology (see below), will count as a general education **INF130** Testing & Quality Assurance 3 INF230 course in this category in order to meet the requirement of Advanced Multimedia 3 20-22 credits in general education. INF217 **Database for Applications** 3 **INF253 Technical Communications** 3 **PROGRAM REQUIREMENTS** 42 15 GAM110 Intro to Game Architecture & Design 3 GAM111 Game Programming 2D 3 **Fourth Semester** GAM211 Game Development 2D 3 GAM222 Game Development 3D 3 GAM221 Game Programming 3D Restricted Elective\*\*\*\* 3 INF. 3 GAM222 Game Development 3D 3 PHY<sub>186</sub> General Physics I 4 INF101 Introduction to Information Technology 3 Writing/Humanities Restricted 3 INF130 Testing & Quality Assurance 3 Elective\*\*\*\* INF140 Introduction to Multimedia 3 **Humanities or Social Sciences** 3 ..... **INF217 Database for Applications** 3 Elective\*\* INF230 Advanced Multimedia 3 16 **INF253 Technical Communications** 3 INF... Restricted Elective\*\*\*\* 3 ..... Introductory Programming Elective\* 3 ..... Advanced Programming Elective\*\*\* 3 **PROGRAM SUPPORT REQUIREMENTS** 3 ..... Writing/Humanities Restricted Elective\*\*\*\*\* **TOTAL CREDITS** 

#### Specific Program Notes

\*Introductory Programming Elective - CIS165, INF145, or INF253.

\*\*General Education Elective(s) - see page 1. Recommended Mathematics elective: MAT180, MAT280, or MAT223. Recommended Humanities electives: MUS101, MUS110, or ART101. Recommended Social Science electives: Psychology (PSY)

64-65

\*\*\*Advanced Programming Elective - CIS265, INF246, or INF268.

\*\*\*\*INF Restricted Elective - INF160, INF239, or INF146.

Program: Software Development - Game Testing

<sup>\*\*\*\*\*</sup>Writing/Humanities Restricted Elective – WRT204, MUS150, MUS151, ART122, or ART126.

Program: Music - Recording Technology Degree: Associate in Applied Science Code: AAS.MUSC.REC.TECH

GENERAL EDUCATION REQUIREMENTS	
Communication	6
WRT101 English Composition I	3
WRT WRT201 English Composition II or	3
WRT202 Technical Writing	

#### **Humanities and Social Sciences\***

Two general education courses selected from the following fields, with no more than one course in any one field: Arts (Art [ART], Music [MUS], Theatre Arts [THR], Cinema Studies [CIN]); History (HIS); Literature (LIT); Philosophy and Religion (PHR); World Languages and Cultures (LAN); Economics (ECO); Geography (GEO); Political Science (POL); Psychology (PSY); Sociology (SOC) and Anthropology (ANT).

Mathematics, Natural Science, & Technology	7-8
PHY185 Introduction to Physics	4
Math/Computer Science/Natural Science/Technology	3-4
Elective*	

#### Additional General Education Elective\*0-3

If needed to reach the Foundation minimum of 20-22 credits, take one course from the BCC general education course list. If an additional course is not needed for that purpose, then the student must take a 3-credit free elective.

PROGRAM REQUIREMENTS	42-43
MUS101 Music Appreciation	3
MUS103 Fundamentals of Music	3
MUS119 Songwriting Workshop	2
MUS131 Class Piano I	2
MUS150 Intro to MIDI Sequencing & Synthesis	3
MUS151Intro to Digital Audio Recording	3
MUS163 Careers in Music	3
MUS231 Class Piano II	2
MUS251 Studio Recording Techniques	3
MUS261 Advanced Studio Recording	3
MUS262 Concert Promotion & Production	3
MUS463/4 Co-Op Work Exp (Music)	3-4
MUS Music Electives**	
or	9
COM Mass Communication Electives***	
FREE ELECTIVE	0-3

#### **RECOMMENDED SEMESTER SEQUENCE**

#### **First Semester**

MUS101	Music Appreciation	3
MUS103	Fundamentals of Music	3
MUS119	Songwriting Workshop	2
MUS131	Class Piano I	2
MUS151	Introduction to Audio Recording	3
WRT101	English Composition I	3
		16

#### Second Semester

MUS150	Intro to MIDI Sequencing &	3
	Synthesis	
MUS163	Careers in Music	3
MUS231	Class Piano II	2
MUS251	Studio Recording Techniques	3
MUS	Music Elective**	
	or	3
COM	Mass Communication Elective***	
WRT	WRT201 English Composition II	3
	or WRT202 Technical Writing	
		17

#### Third Semester

11111010011	100401	
MUS261	Advanced Studio Recording	3
PHY185	Introduction to Physics	4
MUS	Music Elective**	
	or	3
COM	Mass Communication Elective***	
	Humanities Elective*	3
	Social Science Elective*	3
		16

#### Fourth Semester

MUS262	Concert Promotion & Production	3
MUS463/4	Co-Op Work Exp (Music)	3-4
MUS	Music Elective**	
	or	3
COM	Mass Communication Elective***	
	Math/Computer Science/Natural	3-4
	Science/Technology Elective*	
	General Education Elective*	
	or	3
1	Free Elective	
		15-17

#### Specific Program Notes

**TOTAL CREDITS** 

- \*General Education Elective(s) see page 1.
- \*\*Music Electives: any Music [MUS] courses.
- \*\*\*Mass Communication electives: COM105, COM106, COM111, CO140, COM205, COM207.

Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

### One-Year [30-36 credit] Academic Certificates

### Curriculum Requirements

Area of Study	Credits	Course Description
Communication	3	WRT101 English Composition I (3 cr.)
Unassigned General Education Credits	3	To be assigned in accordance with the needs of the program.
Total GE Credits	6	
Other Requirements	24-30	Restricted Program Requirements, Program Support Requirements, Free Electives. To be assigned in accordance with the needs of the program.
Total Credits	30-36	

### **ONE YEAR CERTIFICATES**

Program: Certificate in Computer Aided Drafting Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.CAD

	GENERAL EDUCATION REQUIREMENTS	6
	WRT101 English Composition I	3
	General Education Elective*	3
	Restricted Program Requirements	30
	DFT107 Drafting I	2
	DFT207 Drafting II	3
	DFT208 Engineering Graphics I	3
	DFT210 Computer Aided Drafting I	3
	DFT211 Computer Aided Drafting II	5
	DFT212 Computer Aided Drafting III	3
Ī	DFT282 Technical Illustration	
l	or	3-4
l	EC180 Problem Solving using Technology	
-	MFG122 Machine Tools Prionmciples I	3

#### RECOMMENDED SEMESTER SEQUENCE

#### First Semester

DFT107	Drafting I	2
DFT210	Computer Aided Drafting I	3
MFG122	Machine Tool Prionmciples I	4
WRT101	English Composition I	3
		11

#### **Second Semester**

DFT207	Drafting II	3
DFT211	Computer Aided Drafting II	5
DFT208	Engineering Graphics I	3
		11

#### **Third Semester**

DFT212	Computer Aided Drafting III	3
DFT282	Technical Illustration	
	or	3-4
TEC180	Problem Solving using Technology	
	General Education Elective*	3
		9-10

**TOTAL CREDITS** 

Specific Program Notes
\*General Education Course List – see page 1.

Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

**Program: Certificate in Computer Animation** 

Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.COMP.ANIM

This certification program is designed for practicing professionals in this field.

The Computer Animation and the Computer Graphics certificates are designed for practicing professionals in these fields or for students who have already completed substantial college level work. Entry-level commercial art students should consider one of the Associate of Applied Science art programs. Students may choose only those courses for which prerequisites have been met.

Returning professionals may request that prerequisites be waived by submitting a portfolio for review by a member of the Art faculty. To request a portfolio review, please contact the Department of Visual Arts at 201-447-7143. To avoid registration problems, please contact the department prior to registering for classes for which you have not taken the required prerequisites.

3

3

24

3

3

3

3

3

3

33

#### **GENERAL EDUCATION REQUIREMENTS**

WRT101 English Composition I	
General Education Elective**	

# Restricted Program Requirements ART192 Computer 3D Animation I\* ART293 Computer 3D Animation II\* ART290 Computer 2D Animation I\*

ART291 Computer 2D Animation II\*
ART197 Computer Imaging\*\*\*

ART... Restricted Electives
ART181 Photography I

ART184 Digital Photography\*\*\*
ART226 Letterform and Type\*\*\*

ART259 Computer Graphics for the Web Developer\*
ART271 Portfolio Presentation (Computer Animation)\*

ART281 Photography II
ART298 Interactive Multimedia\*

Program Support Requirement: General Education Elective\*\*

### TOTAL CREDITS

## Specific Program Notes

\*Course uses custom workstations running Windows XP.

\*\*General Education Course List - see page 1.

\*\*\*Course uses Macintosh computers.

Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

## RECOMMENDED SEMESTER SEQUENCE

#### First Semester

ART192	Computer 3D Animation I*	3
ART290	Computer 2D Animation I*	3
ART	Restricted Elective	3
WRT101	English Composition I	3
	General Education Elective**	3
		15

#### **Second Semester**

ART197	Computer Imaging***	3
ART291	Computer 2D Animation II*	3
ART293	Computer 3D Animation II*	3
ART	Restricted Electives	6
	General Education Elective**	3
		18

**Program: Certificate in Computer Graphics** 

Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.COMP.GRAPH

This certification program is designed for practicing professionals in this field.

The Computer Animation and the Computer Graphics certificates are designed for practicing professionals in these fields or for students who have already completed substantial college level work. Entry-level commercial art students should consider one of the Associate of Applied Science art programs. Students may choose only those courses for which prerequisites have been met.

Returning professionals may request that prerequisites be waived by submitting a portfolio for review by a member of the art faculty. To request a portfolio review, please contact the Department of Visual Arts at 201-447-7143. To avoid registration problems, please contact the department prior to registering for classes for which you have not taken the required prerequisites.

6

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3

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3

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3

12

## GENERAL EDUCATION REQUIREMENTS

## WRT101 English Composition I General Education Elective\*\*\*

## Restricted Program Requirements

ART189 Computer 2D Illustration\*
ART197 Computer Imaging\*\*
ART287 Computer Layout I\*

ART288 Computer Layout II\*
ART... Restricted Electives

ART181 Photography I ART184 Digital Photography\*\*

ART192 Computer 3D Animation I\*

ART226 Letterform and Type\*\*
ART259 Computer Graphics for the Web Developer\*

ART260 Graphic Design I\*

ART261 Graphic Design II\*\*
ART271 Portfolio Presentation (Graphic Design)\*\*

ART281 Photography II

ART298 Interactive Multimedia\*\*

## TOTAL CREDITS

30

#### RECOMMENDED SEMESTER SEQUENCE

#### **First Semester**

ART189	Computer 2D Illustration*	3
ART287	Computer Layout I*	3
ART	Restricted Electives	6
WRT101	English Composition I	3
		15

#### Second Semester

ART197	Computer Imaging**	3
ART288	Computer Layout II*	3
ART	Restricted Electives	6
	General Education Elective***	3
		15

#### Specific Program Notes

\*Course uses custom workstations running Windows XP.

\*\*Course uses Macintosh computers.

<sup>\*\*\*</sup>General Education Course List - see page 1.

Certificate: One-Year [30-36 credit] Academic Certificate Code: CERT.COMP.SCI	_			
GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE		
WRT101 English Composition I	3	First Semester		
General Education Elective**	3	CIS165 Fundamentals of Programming* 3		
		WRT101 English Composition I 3		
Restricted Program Requirements	21	General Education Elective** 3		
CIS165 Fundamentals of Programming*	3	g		
CIS265 Advanced Programming Concepts	3			
CIS271 Computer Organization and Assembly Language	3	Second Semester		
CIS277 Data Structures and Algorithms	3	CIS265 Advanced Programming Concepts 3		
MAT/CIS Mathematics/Computer Science Electives***	9	CIS271 Computer Organization and 3		
		Assembly Language		
		General Education Elective** 3		
Program Support Requirement: General Education Elective**	3	S		
		Third Semester		
TOTAL CREDITS	30	CIS277 Data Structures and Algorithms 3		
		MAT/CIS Mathematics/Computer Science 9		
		Electives***		
		12		

## Specific Program Notes

\*By permission of the Department Head, properly prepared students may instead register for CIS265 and/or CIS271. Such students will be required to complete an additional 3- or 4-credit elective to be selected from: MAT250, CIS266, CIS278, MAT280, MAT281, MAT282, MAT286, CIS287, CIS288, CIS289.

\*\*General Education Course List - see page 1.

Program: Certificate in Computer Science

<sup>\*\*\*</sup>The elective requirement in Mathematics and/or Computer Science must total at least 9 credits to be selected from the following courses: MAT250, CIS266, CIS278, MAT280, MAT281, MAT282, MAT286, CIS287, CIS288, CIS289.

Program: Certificate in Computer Technical Support Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.COMP.SUPPORT

GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE
WRT101 English Composition I	3	First Semester
General Education Elective**	3	INF101 Intro to Information Technology 3
		INF108 PC Upgrade, Maintenance and 3
Restricted Program Requirements	27	Diagnosis
INF101 Intro to Information Technology	3	INF114 Microsoft Office 3
INF108 PC Upgrade, Maintenance and Diagnosis	3	INF160 Networking Technologies and 3
INF114 Microsoft Office	3	Data Communications
INF160 Networking Technologies and Data Communications	3	INF163 Internet Concepts & Applications 3
INF163 Internet Concepts & Applications	3	WRT101 English Composition I 3
INF253 Technical Communications	3	18
INF267 Network Security	3	
INF Operating System Restricted Elective*	3	Second Semester
BUS101 Introduction to Business	3	BUS101 Introduction to Business 3
		INF253 Technical Communications 3
		INF267 Network Security 3
		INF Operating System Restricted Elective* 3
		General Education Elective** 3
TOTAL CREDITS	33	15

### Specific Program Notes

\*Operating System Restricted Elective:

INF232 Windows Client

INF235 Advanced PC Upgrade, Maintenance, and Diagnosis

INF254 Unix for the Network Administrator

<sup>\*\*</sup>General Education Course List - see page 1.

Program: Certificate in Culinary Arts

Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.CULN.ARTS

The Culinary Arts Certificate Program is designed to aid those working food service professionals who wish to increase their job value or refresh their culinary preparation and leadership skills. Typically, students do not complete the certificate program in two semesters. In those instances where a student MUST complete the curriculum in one year or two successive semesters, the student MUST obtain written permission from the Dean to waive or otherwise adjust prerequisites where indicated.

GENERAL EDUCATION REQUIREMENTS 6 RECOMMENDED SEMESTER SEQUENCE			
WRT101 English Composition I	3	First Semester	
General Education Elective*	3	General Education Elective* 3	
		HRM102 Food Protection and Safety 3	
Restricted Program Requirements	27	HRM103 Professional Food Preparation 3	
HRM102 Food Protection and Safety	3	Techniques	
HRM103 Professional Food Preparation Techniques	3	HRM106 Menu Planning and Nutrition 1	
HRM106 Menu Planning and Nutrition	1	HRM108 Computer Applications/ 1	
HRM108 Computer Applications/Hospitality Industry**	1	Hospitality Industry**	
HRM110 Introduction to Baking	3	HRM110 Introduction to Baking 3	
HRM202 Quantity Food Productions & Service***	3	WRT101 English Composition I 3	
HRM206 Commercial Restaurant Operation**	3	3	
HRM212 International Cuisine**	3		
HRM213 Classical Garde-Manger***	3	Second Semester	
HRM220 Advanced Baking Techniques**	3	General Education Elective* 3	
		HRM202 Quantity Food Productions & Service*** 3	
		HRM206 Commercial Restaurant Operation** 3	
Program Support Requirement: General Education Elective*	3	HRM212 International Cuisine** 3	
		HRM213 Classical Garde-Manger*** 3	
		HRM220 Advanced Baking Techniques** 3	
TOTAL CREDITS	35	18	

## Specific Program Notes

\*General Education Course List - see page 1.

<sup>\*\*</sup>Class offered only during spring semester.

<sup>\*\*\*</sup>Class offered only during fall semester.

Program: Certificate in Culinary Science

Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.CULN.SCI

The Culinary Science Certificate Program is designed to provide those students with the first step to gain the knowledge to work in the food processing industry, universities or the Federal Government to create and improve food products; to develop new or better ways of preserving, processing, packaging, storing and delivering foods; or to engage in basic research, discovering new food sources, analyzing food content, or developing ways to process, preserve, package, or store food according to industry and government regulations.

GENERAL EDUCATION REQUIREMENTS	7	RECOMMENDED SEMESTER SEQUENCE		
WRT101 English Composition I	3	First Semester		
General Education Course: BIO104 Microbiology	4	BIO104 Microbiology	4	
•		CHM102 Chemistry in Context	4	
Restricted Program Requirements	28	CHM112 College Chemistry	4	
CHM102 Chemistry in Context	4	HRM103 Professional Food Preparation	3	
CHM112 College Chemistry	4	Techniques		
CHM212 Organic and Biochemistry	4	WRT101 English Composition I	3	
HRM102 Food Protection and Safety	3	1	8	
HRM103 Professional Food Preparation Techniques	3			
HRM106 Menu Planning and Nutrition	1	Second Semester		
HRM110 Introduction to Baking	3	CHM212 Organic and Biochemistry	4	
HRM212 International Cuisine*	3	HRM102 Food Protection and Safety	3	
HRM213 Classical Garde-Manger**	3	HRM106 Menu Planning and Nutrition	1	
·		HRM110 Introduction to Baking	3	
		HRM212 International Cuisine*	3	
		HRM213 Classical Garde-Manger**	3	
TOTAL CREDITS	35	1	7	
			_	

### Specific Program Notes

<sup>\*</sup>Class offered only during spring semester.
\*\*Class offered only during fall semester.

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## **ONE YEAR CERTIFICATES**

Program: Certificate in Database Programming and Administration Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.DB

GENERAL EDUCATION REQUIREMENTS	6	RECOMM	ENDED SEMESTER SEQUENCE	
WRT101 English Composition I	3	First Sem	ester	
General Education Elective****	3	INF114	Microsoft Office*	3
				3
Restricted Program Requirements	29			
INF101 Intro to Information Technology	3	Second S		
INF114 Microsoft Office*	3	INF101	Intro to Information Technology	3
INF144 Windows Desktop Operations		INF144	Windows Desktop Operations	
or	1		or	1
INF165 Introduction to Linux		INF165	Introduction to Linux	
INF160 Networking Technologies and Data Communications	3	INF160	Networking Technologies and	3
INF217 Database for Applications [Oracle]	3		Data Communications	
INF218 Database Programming	3	INF217	Database for Applications [Oracle]	3
INF219 Database Administration	3	INF	Programming Language Electives:	3
INF228 Excel for Problem Solving	1		Fundamentals**	
INF267 Network Security	3	WRT101	English Composition I	3
INF Programming Language Electives: Fundamentals**	3			16
INF Programming Language Electives: Advanced***	3			
		Third Sen	nester	
		INF218	Database Programming	3
		INF219	Database Administration	3
		INF228	Excel for Problem Solving	1
		INF267	Network Security	3
		INF	Programming Language Electives:	3
			Advanced***	
			General Education Elective****	3

35

## Specific Program Notes

**TOTAL CREDITS** 

\*Credit -by-exam tests are available.

\*\*Programming Language Electives: Fundamentals (Part 1 of continuing sequence)

INF145 Visual Basic Programming

INF152 C/C++ Programming

INF153 Java Programming

\*\*\*Programming Language Electives: Advanced (Part 2 of continuing sequence)

INF224 Advanced C/C++ Programming

INF246 Advanced Visual Basic Programming

INF268 Advanced Java Programming

\*\*\*\*General Education Course List - see page 1.

Program: Certificate in e-Commerce: Business Emphasis Certificate: One-Year [30-36 credit] Academic Certificate Code: CERT.e-COMM.BUS

GENERAL EDUCATION REQUIREMENTS	6
WRT101 English Composition I	3
General Education Course: ECO101 Macroeconomics	3
Restricted Program Requirements	30
BUS101 Introduction to Business	-
Or	3
BUS170 Small Business Management	
BUS103 Business Mathematics	3
BUS105 Business Communications	3
BUS107 e-Tailing	3
ACC101 Accounting I	
ОГ	3
BUS205 Entrepreneurship	
BUS210 e-Marketing	3
BUS211 Internet Law	3
BUS271 e-Commerce	3
INF146 Web Development	3
INF163 Internet Concepts & Applications	3
TOTAL CREDITS	36

## RECOMMENDED SEMESTER SEQUENCE

First Sem	ester	
BUS101	Introduction to Business	
	or	3
BUS170	Small Business Management	
BUS103	Business Mathematics	3
BUS105	Business Communications	3
BUS107	e-Tailing	3
INF146	Web Development	3
WRT101	English Composition I	3
		18

Second Semester				
ACC101	Accounting I			
1	or	3		
BUS205	Entrepreneurship			
BUS210	e-Marketing	3_		
BUS211	Internet Law	3		
BU\$271	e-Commerce	3		
EC0101	Macroeconomics	3		
INF163	Internet Concepts & Applications	3		
		18		

### Specific Program Notes

Program: Certificate in Event Planning and Management Certificate: One-Year [30-36 credit] Academic Certificate Code: CERT.EVENT.PLAN.MGT

GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE	
WRT101 English Composition I	3	First Semester	
General Education Elective*	3	BUS101 Introduction to Business 3	
		BUS103 Business Mathematics 3	$\Box$
Restricted Program Requirements	30	BUS105 Business Communications 3	
ACC120 Computerized Accounting	3	HRM101 Introduction to Hospitality Management 3	П
BUS101 Introduction to Business	3	HRM/BUS129 Event Planning & Management I 3	П
BUS103 Business Mathematics	3	WRT101 English Composition I 3	П
BUS105 Business Communications	3	18	3
BUS170 Small Business Management	3		
HRM101 Introduction to Hospitality Management	3	Second Semester	
HRM129/BUS129 Event Planning & Management I	3	ACC120 Computerized Accounting 3	П
HRM201 Food and Beverage Cost Control	1	BUS170 Small Business Management 3	П
HRM203 Beverage Management	2	HRN201 Food and Beverage Cost Control 1	П
HRM219/LGL219 Hospitality Law	3	HRM203 Beverage Management 2	7
HRM229/BUS229 Event Planning & Management II	3	HRM/LGL219 Hospitality Law 3	П
, , ,		HRM/BUS229 Event Planning & Management II 3	J
		General Education Elective* 3	П
TOTAL CREDITS	36	18	3

Specific Program Notes
\*General Education Course List – see page 1.

Program: Certificate in Exercise Science Certificate: One-Year [30-36 credit] Academic Certificate Code: CERT.EXER.SCI

GENERAL EDUCATION REQUIREMENTS	7	RECOMMENDED SEMESTER SEQUENCE	
WRT101 English Composition I	3	First Semester	
General Education Course: BOIO103 The Human Body	4	BIO103 The Human Body	ŀ
		BUS101 Introduction to Business 3	3
Restricted Program Requirements	21	WEX159 CPR and Emergency First Aid	3
BUS101 Introduction to Business	3	WEX164 Exercise Science 3	3_
PSY101 General Psychology	3	WRT101 English Composition I	3_
WEX159 CPR and Emergency First Aid	3	1	3
WEX164 Exercise Science	3		
WEX106 Nutrition for Exercise and Fitness	3	Second Semester	
WEX182 Fitness Measurement	3	PSY101 General Psychology 3	3
WEX184 Sports Medicine I – Theory & Practice	3	WEX106 Nutrition for Exercise and Fitness	3
		WEX182 Fitness Measurement 3	3
		WEX183 Programs & Principles of Conditioning 3	3
		WEX184 Sports Medicine I - Theory & Practice 3	3
TOTAL CREDITS	31	1:	5

## Specific Program Notes

Program: Certificate in Floral Design Certificate: One-Year [30-36 credit] Academic Certificate Code: CERT.FLORAL

GENERAL EDUCATION REQUIREMENTS		RECOMMENDED SEMESTER SEQUENCE
WRT101 English Composition I	3	First Semester
General Education Elective*	3	HRT102 Plant Science 4
		HRT115 Floral Design 3
Restricted Program Requirements	26	HRT232 Plant Propagation 4
Business Elective**	3	WRT101 English Composition I 3
HRT102 Plant Science	4	General Education Elective* 3
HRT115 Floral Design	3	17
HRT119 Greenhouse Operation and Production	3	
HRT120 Interior Plantscaping	3	Second Semester
HRT232 Plant Propagation	4	HRT119 Greenhouse Operation and Production 3
HRT234 Commercial Floral Design & Management	4	HRT120 Interior Plantscaping 3
HRT462 Co-op Work Experience (Horticulture)	2	HRT234 Commercial Floral Design & 4
		Management
Program Support Requirement: General Education Elective*	3	HRT462 Co-op Work Experience (Horticulture) 2
		Business Elective** 3
		General Education Elective* 3
TOTAL CREDITS	35	18
TOTAL CREDITS	35	

Specific Program Notes
\*General Education Course List – see page 1.
\*\*Three credits from any course(s) in ACC, BUS, or INF.

Program: Certificate in Grounds Management Certificate: One-Year [30-36 credit] Academic Certificate Code: CERT.GRND.MGT

GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE
WRT101 English Composition I	3	First Semester
General Education Elective*	3	HRT102 Plant Science 4
		HRT103 Turf and Grounds Management 3
Restricted Program Requirements	26-28	HRT104 Landscape Plants and Materials I 2
HRT102 Plant Science	4	HRT112 Pests of Ornamental Plants 4
HRT103 Turf and Grounds Management	3	HRT130 Landscaping Contracting 1
HRT104 Landscape Plants and Materials I	2	WRT101 English Composition I 3
HRT112 Pests of Ornamental Plants	4	17
HRT124 Irrigation Technology	2	
HRT125 Equipment Management	2	Second Semester
HRT130 Landscaping Contracting	1	HRT124 Irrigation Technology 2
HRT235 Landscape Site Analysis & Construction	3	HRT125 Equipment Management 2
HRT237 Arboriculture/Plant Health Care	3	HRT235 Landscape Site Analysis & 3
Restricted Elective*	2-4	Construction
		HRT237 Arboriculture/Plant Health Care 3
		Restricted Elective* 2-4
		General Education Elective** 3
TOTAL CREDITS	32-34	15-17

Specific Program Notes
\*Restricted Electives: HRT113, HRT232, HRT233
\*\*General Education Course List – see page 1.

Program: Certificate in Hospitality Management

Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.HOSP.MGMT

The Hospitality Management Certificate Program is designed to aid those working professionals who wish to increase their job value or refresh their leadership skills. Typically, students do not complete the certificate program in two semesters. In those instances where a student MUST complete the curriculum in one year or two successive semesters, the student MUST obtain written permission from the Dean to waive or otherwise adjust prerequisites where indicated.

GENERAL EDUCATION REQUIREMENTS	6	RECOMM	ENDED SEMESTER SEQUENCE	
WRT101 English Composition I	3	First Sem	ester	
General Education Elective*	3	*****	General Education Elective*	3
		HRM101	Introduction to Hospitality Managemer	nt 3
Restricted Program Requirements	27	HRM102	Food Protection and Safety	3
HRM101 Introduction to Hospitality Management	3	HRM103	Professional Food Preparation	3
HRM102 Food Protection and Safety	3		Techniques	
HRM103 Professional Food Preparation Techniques	3	HRM104	Front Office Procedures**	2
HRM104 Front Office Procedures**	2	HRM108	Computer Applications/	1
HRM108 Computer Applications/Hospitality Industry***	1		Hospitality Industry***	
HRM201 Food and Beverage Cost Control	1	WRT101	English Composition I	3
HRM203 Beverage Management	2			18
HRM204 Food Purchasing	2			
HRM205 Restaurant Service Management	3	Second S	emester	
HRM207 Hotel Sales & Convention Planning	1	*****	General Education Elective*	3
HRM214 Banquet & Catering Management	2	HRM201	Food and Beverage Cost Control	1
HRM217 Issues in the Hospitality Industry	2	HRM203	Beverage Management	2
HRM462 Co-op Work Experience (H/R/H)	2	HRM204	Food Purchasing	2
		HRM205	Restaurant Service Management	3
		HRM207	Hotel Sales & Convention Planning	1
Program Support Requirement: General Education Elective*	3	HRM214	Banquet & Catering Management	2
•		HRM217	Issues in the Hospitality Industry	2
		HRM462	Co-op Work Experience (H/R/H)	2
TOTAL CREDITS	36			18

#### Specific Program Notes

\*General Education Course List - see page 1.

<sup>\*\*</sup>Class offered only during fall semester.

<sup>\*\*\*</sup>Class offered only during spring semester.

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## **ONE YEAR CERTIFICATES**

Program: Certificate in Labor Studies

Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.LABOR

GENERAL EDUCATION REQUIREMENTS	6
WRT101 English Composition I	3
WRT201 English Composition II	3
Restricted Program Requirements	26
BUS101 Introduction to Business	
or	3
BUS115 Introduction to Nonprofit Organizations	
BUS208 Human Resources Management	3
ECO105 Labor Economimos	3
HIS140 History of the Labor Movement	3
LGL236 Employment Law*	2
POL116 Labor Law	3
POL122 Collective Bargaining	3
Restricted Humanities Elective**	3
Restricted Social Science Elective***	3
TOTAL CREDITS	32

### RECOMMENDED SEMESTER SEQUENCE

English Composition I

**WRT101** 

First Semester				
BUS101	Introduction to Business			
	or	3		
BUS115_	Introduction to Nonprofit Organizations			
ECO105	Labor Economimcs	3		
LGL236	Employment Law*	2		
POL116	Labor Law	3		
POL122	Collective Bargaining	3		

Second S	emester	
BUS208	Human Resources Management	3
HIS140	History of the Labor Movement	3
	Restricted Humanities Elective**	3
	Restricted Social Science Elective***	3
WRT201	English Composition II	3

#### Specific Program Notes

\*Prerequisite of LGL101 Fundamentals of Law to LGL236 Employment Law may be waived by special permission from the Academic Department Chair of Legal and Related Studies [especially for students pursuing the One-Year Certificate in Labor Studies].

\*\*Choose one 3-credit humanities course from the following: PHR100; PHR105; PHR111; LIT202 [Prerequisite: WRT101]; LIT220

[Prerequisite: WRT101]; HIS111; HIS112; HIS113; HIS114.

\*\*\*Choose one 3-credit social science course from the following: ECO101; ECO201 [Prerequisite: ECO101]; POL104; PSY109; SOC102; SOC120; SOC121; SOC222 [Prerequisite: SOC101].

Program: Certificate in Landscaping

Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.LAND

MESTER SEQUENCE	
n to Business	3
	2
Fround Management	3
e Contracting	_ 1
HRT Elective†	3-4
omposition I	3
	17-18
of Landscaping	3
e Graphics	2
e Plants & Materials II	4
e Site Analysis and	3
ion	_
ormation Technology	3
ducation Elective*	3
	18
P p ti	s of Landscaping pe Graphics pe Plants & Materials II pe Site Analysis and tition nformation Technology Education Elective*

## Specific Program Notes

<sup>\*</sup>General Education Course List – see page 1.
\*\*Restricted HRT Elective: HRT101, HRT102, HRT112, HRT120, HRT236.

Program: Certificate in Legal Nurse Consultant Certificate: One-Year [30-36 credit] Academic Certificate Code: CERT.LGN.CONS		
GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE
WRT101 English Composition I	3	First Semester
WRT201 English Composition II	3	LGL101 Fundamentals of Law
		LGL103 Legal Research and Writing
Restricted Program Requirements	24	LGN105 Principles of Legal Nurse Consulting* :
LGL101 Fundamentals of Law	3	WRT101 English Composition 1
LGL103 Legal Research and Writing	3	1:
LGL203 Paralegalism and Legal Procedure	3	
LGL220 Computer Assisted Legal Research	3	Second Semester
LGL202 New Jersey and Fedoral Courts*	3	LGL203 Paralegalism and Legal Procedure
LGL234 Personal Injury and Product Liability*	3	LGL220 Computer Assisted Legal Research
LGN105 Principles of Legal Nurse Consulting*	3	LGN201 Health Law*
LGN201 Health Law*	3	WRT201 English Composition II
		1
		Third Semester
		LGL202 New Jersey and Federal Courts*
		LGL234 Personal Injury and Product Liability*
TOTAL CREDITS	30	

Specific Program Notes
\*Course may be offered only in the evening and only in either the Spring or Fall semesters.

Program: Certificate in Medical Office Administrative Assistant Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.MOAA

GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE
WRT101 English Composition I	3	First Semester
General Education Course: PSY101 General Psychology	3	MOA140 Medical Terminologyt 3
		MOA141 Introductin to Medical Assisting 3
Restricted Program Requirements	24	MOA203 Medical Assistant Admin Procedures I 3
MOA140 Medical Terminologyt	3	MOA218 Medical Economics 2
MOA141 Introductin to Medical Assisting	3	INF119 Document Processing with MS Word* 3
MOA201 Diagnostic and Procedural Coding	4	WRT101 English Composition I 3
MOA203 Medical Assistant Administrative Procedures I	3	17
MOA204 Medical Assistant Administrative Procedures II	3	
MOA218 Medical Economics	2	Second Semester
INF119 Document Processing with MS Word*	3	MOA201 Diagnostic and Procedural Coding 4
WEX159 CPR and Emergency First Aid	3	MOA204 Medical Assistant Admin Procedures II 3
• •		PSY101 General Psychology 3
		WEX159 CPR and Emergency First Aid 3
TOTAL CREDITS	30	13

Specific Program Notes
\*Students are expected to keyboard at 30 WPM or enroll in the INF100 Keyboarding course

Program: Certificate in Music Business

Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.MUSC.BUS

GENERAL EDUCATION REQUIREMENTS	6
WRT101 English Composition I	3
General Education Elective*	3
Restricted Program Requirements	21
BUS101 Introductin to Business	3
MUS152 Introduction to the Music Business	3
MUS163 Careers in Music	3
MUS252 Music in the Marketplace	3
MUS262 Concert Promotion and Production	3
MUS Music Elective	3_
BUS Business Elective	
or	
INF, Information Technology Elective	3
or	
COM Communication Elective	
FREE ELECTIVE	3
TOTAL CREDITS	30

### RECOMMENDED SEMESTER SEQUENCE

### First Semester

BUS101	Introductin to Business	3
MUS152	Introduction to the Music Business	3
MUS163	Careers in Music	3
MUS	Music Elective	3
WRT101	English Composition I	3
		15

#### **Second Semester**

MUS252	Music in the Marketplace	3
MUS262	Concert Promotion and Production	3
BUS	Business Elective	
	or	
INF	Information Technology Elective	3
	or	
COM	Communication Elective	
	General Education Elective*	3
	Free Elective	3
		15

Specific Program Notes
\*General Education Course List – see page 1.

Program: Certificate in Music Technology Certificate: One-Year [30-36 credit] Academic Certificate Code: CERT.MUSC.TECH

GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE		
WRT101 English Composition I	3	First Semester		
General Education Elective*	3	MUS103 Fundamentals of Music		
		MUS131 Class Piano I		
Restricted Program Requirements	22	MUS150 Intro to MIDI Sequencing & Synthesis		
MUS103 Fundamentals of Music	3	MUS151 Introduction to Digital Audio Recording		
MUS131 Class Piano I	2	WRT101 English Composition I		
MUS150 Intro to MIDI Sequencing & Synthesis	3	Free Elective 2		
MUS151 Introduction to Digital Audio Recording	3	16-1		
MUS231 Class Piano II	2			
MUS250 Electronic Music Composition	3	Second Semester		
MUS251 Studio Recording Techniques	3	MUS231 Class Piano II		
MUS Music Elective	3	MUS250 Electronic Music Composition		
		MUS251 Studio Recording Techniques		
FREE ELECTIVE	2-3	MUS Music Elective		
		General Education Elective*		
TOTAL CREDITS	30-31			

Specific Program Notes
\*General Education Course List – see page 1.

Program: Certificate in Musical Theater

Certificate: One-Year [30-36 credit] Academic Certificate Code: CERT.MUSC.THR

GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE
WRT101 English Composition I	3	First Semester
General Education Elective*	3	DAN102 Ballet 1
		DAN104 Tap Dance 1
Restricted Program Requirements	29	MUA106 Voice I 1
DAN102 Ballet	1	MUS103 Fundamentals of Music 2
DAN104 Tap Dance	1	MUS110 Music, Art, and Drama 3
MUA106 Voice I	1	MUS121 Chorus I 1
MUA246 Voice II	1	MUS131 Class Piano I 2
MUS103 Fundamentals of Music	2	THR110 Basic Acting Techniques 3
MUS103 Fundamentals of Music	2	WRT101 English Composition I 3
MUS109/THR109 History of Musical Theatre	3	17
MUS110 Music, Art, and Drama	3	
MUS121 Chorus I	1	Second Semester
MUS103 Fundamentals of Music	2	MUA246 Voice II 1
MUS110 Music, Art, and Drama	3	MUS/THR109 History of Musical Theatre 3
MUS121 Chorus I	1	MUS118 Vocal Workshop 2
MUS131 Class Piano I	2	MUS134 Ear Training and Musicianship I 2
THR110 Basic Acting Techniques	3	THR113 Movement for the Performing Artist 2
THR113 Movement for the Performing Artist	2	THR114 Audition Techniques 2
THR114 Audition Techniques	2	Restricted Elective 3
Restricted Elective	3	General Education Elective* 3
		18
TOTAL CREDITS	35	

## Specific Program Notes

<sup>\*</sup>General Education Course List – see page 1. Recommended: MUS101, MUS107, MUS108, THR101, THR140.
\*\*Restricted Music Electives: MUS231, MUS255, MUA104, MUS120, MUS140, DAN103, DAN105, THR111, THR131, THR210.

Program: Certificate in Office Technology Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.OFF.TECH

GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE		
WRT101 English Composition I	3	First Sem	ester	
General Education Elective**	3	INF100	Keyboarding I*	3
Restricted Program Requirements	28	First Sem	ester	
BUS101 Introductin to Business	3	BUS101	Introductin to Business	3
BUS103 Business Mathematics	3	INF101	Intro to Information Technology	3
INF1001 Keyboarding I	3	INF114	Microsoft Office*	3
INF101 Intro to Information Technology	3	INF161	Internet Research and Data Handling	1
INF114 Microsoft Office*	3	*****	General Education Elective**	3
INF119 Document Processing with MS Word	3	WRT101	English Composition I	3
INF146 Web Development				16
or	3			
INF147 Web Development Using Dreamweaver		Second S		
INF16 Internet Research and Data Handling	1	BUS103	Business Mathematics	3
INF214 Administrative Simulation***	2	INF119	Document Processing with MS Word	3
INF228 Excel for Problem Solving	1	INF146	Web Development	
INF Restricted Elective†	3		or	3
		INF147	Web Dev Using Dreamweaver	
		INF214	Administrative Simulation***	2
		INF228	Excel for Problem Solving	1
		INF	Restricted Elective†	3
TOTAL CREDITS	34			15

## Specific Program Notes

\*Credit by Exam Tests are available.

\*\*\*General Education Course List – see page 1.

\*\*\*Class offered only during spring semester.
†Restricted INF Electives: INF108, INF150\*\*\*, INF160, INF217, INF253.

Program: Certificate In Piano Instruction/Pedagogy Certificate: One-Year [3036 credit] Academic Certificate

Code: CERT.PIANO

GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE		
WRT101 English Composition I	3	First Semester		
General Education Elective*	3	MUA104 Piano I		
		MUS103 Fundamentals of Music		
Restricted Program Requirements	23-24	MUS131 Class Piano I		
MUA104 Piano I	1	MUS134 Ear Training and Musicianship I		
MUA240 Piano II	1	MUS153 Piano Pedagogy I		
MUS103 Fundamentals of Music	2	, General Education Elective*		
MUS131 Class Piano I	2	WRT101 English Composition I		
MUS231 Class Piano li	2	11		
MUS132 Music Theory I	2			
MUS134 Ear Training and Musicianship I	2	Second Semester		
MUS153 Piano Pedagogy I	3	MUA240 Piano II		
MUS253 Piano Pedagogy II	3	MUS132 Music Theory I		
MUS Performance Ensemble**	2	MUS231 Class Piano li		
Restricted Elective***	3-4	MUS253 Piano Pedagogy II		
		MUS Performance Ensemble**		
Program Support Requirement: General Education Elective*	3	Restricted Elective*** 3-		
		General Education Elective*		
TOTAL CREDITS	32-33	16-1		

Specific Program Notes
\*General Education Course List – see page 1.

<sup>\*\*</sup>Instrumental or vocal ensembles: MUS121, MUS125, MUS140, MUS246, MUS247, MUS248, MUS255, MUS256, MUS257, MUS258, MUS259, MUS260.
\*\*\*Restricted Electives: MUA241, MUA242, MUS133, MUS134, MUS151, MUS241, MUS242.

Program: Certificate in Radiation Therapy Technology Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.RAD.THERAPY
Program Length: 12 months.

Prerequisites for admission: (1) GPA for admissions eligibility: 2.50. (2) An applicant must be a Registered or registry eligible Radiologic Technologist. (3) Prerequisite courses: Two Biology courses with labs [BIO109 and BIO209 recommended]; MAT160 Intermediate Algebra; MAT180 Precalculus; PHY185 General Physics.

In addition above-stated requirements, candidates cannot be accepted into the program until at least two of the following four courses have been completed: MAT250, INF101, WRT201, COM100. Two of these general education courses may be taken concurrently with the program. Successful completion of all four courses is required by the American Registry of Radiologic Technologists and the NJ Department of Environmental Protection.

Application Deadline: February 1. Program Admits: Fall semester.

Note: Students who are interested in the program should make an appointment to meet with the Department Chair regarding admissions.

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### **GENERAL EDUCATION REQUIREMENTS**

# WRT201 English Composition II\* General Education Course 3 COM100 Speech Communication or MAT250 Statistics II\*\*

Restricted Program Requirements	30
RTT110 Introduction to Radiotherapy &Patient Care Management	2
RTT120 Radiation Therapy Practices I	4
RTT130 Radiation Biology and Safety	3
RTT150 Principles of Diagnostic Radiation Physics	3
RTT121 Radiation Therapy Clinical Practicum I	2
RTT200 Survey of Diseases	3
RTT210 Dosimetry and Treatment Practices	3
RTT220 Radiation Therapy Practices II	4
RTT230 Advanced Procedures	2
RTT221 Radiation Therapy Clinical Practicum II	2
RTT222 Radiation Therapy Clinical Practicum III	2
TOTAL CREDITS	36

#### RECOMMENDED SEMESTER SEQUENCE

#### First Semester

WRT201	English Composition II*	3
RTT 110	Introduction to Radiotherapy and	2
	Patient Care Management	
RTT 120	Radiation Therapy Practices	4
RTT 130	Radiation Biology and Safety	3
RTT 150	Principles of Diagnostic	3
	Radiation Physics	
RTT 121	Radiation Therapy Clinical	2
	Practicum I	
		17

#### Second Semester

COM100	Speech Communication		
	or	3	
MAT250	Statistics II**		
RTT 200	Survey of Diseases	3	
RTT 210	Dosimetry and Treatment Practices	3	
RTT 220	Radiation Therapy Practices II	4	
RTT 230	Advanced Procedures	2	
RTT 221	Radiation Therapy Clinical	2	
	Practicum II		
		17	

### Third Semester

RTT222	Radiation Therapy Clinical Practicum III	2
		2

#### **Specific Program Notes**

\*WRT201 has a prerequisite of WRT101 English Composition I.

\*\*MAT250 has a prerequisite of MAT150 Statistics I.

Program: Certificate in Small Business Management Certificate: One-Year [30-36 credit] Academic Certificate Code: CERT.SM.BUS.MGMT

GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE		
WRT101 English Composition I	3	First Semester		
General Education Course: ECO101 Macroeconomics	3	BUS101 Introduction to Business	3	
		BUS103 Business Mathematics	3	
Restricted Program Requirements	30	BUS105 Business Communications	3	
ACC120 Computerized Accounting	3	BUS170 Small Business Management	3	
BUS101 Introduction to Business	3	INF114 Microsoft Office	3	
BUS103 Business Mathematics	3	WRT101 English Composition I	3	
BUS105 Business Communications	3		18	
BUS170 Small Business Management	3			
BUS201 Marketing Principles	3	Second Semester		
BUS205 Entrepreneurship	3	ACC120 Computerized Accounting	3	
BUS233 Business Law I	3	BUS201 Marketing Principles	3	
Restricted Business Elective*	3	BUS205 Entrepreneurship	3	
INF114 Microsoft Office	3	BUS233 Business Law I	3	
		Restricted Business Elective*	3	
		ECO101 Macroeconomics	3	
TOTAL CREDITS	36		18	

Specific Program Notes
\*BUS104, BUS106, BUS110, or BUS271.

[40 hrs/wk x 4 weeks]

Program: Certificate in Surgical Technology

Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.SURG
Program Length: 12 months.
GPA for admissions eligibility: 2.00.

High School prerequisite courses: High school graduate or GED.

College substitutions: None.

Application Deadline: February 1 of the current year.

Program Admits: Fall semester.

#### **GENERAL EDUCATION REQUIREMENTS** 6 RECOMMENDED SEMESTER SEQUENCE 3 WRT101 English Composition I First Semester Anatomy & Physiology I General Education Elective\* 3 BIO109 4 Principles of Surgical Technology I 6 **SUR101 Restricted Program Requirements** 27 SUR102 Surgical Technology Externship I 2 BIO109 Anatomy & Physiology I [16 hrs/wk x 15 weeks] 4 BIO209 Anatomy & Physiology II 4 SUR103 Surgical Terminology 1 SUR101 Principles of Surgical Technology I 6 SUR104 Microbiological Applications in Surgery 2 SUR102 Surgical Technology Externship I [16 hrs/wk x 15 weeks] 2 WRT101 **English Composition I** 3 SUR103 Surgical Terminology 1 18 SUR104 Microbiological Applications in Surgery 2 SUR201 Principles of Surgical Technology II 5 Second Semester 2 SUR202 Surgical Technology Externship II [16 hrs/wk x 15 weeks] BIO209 Anatomy & Physiology II 4 SUR203 Surgical Technology Externship III [40 hrs/wk x 4 weeks] SUR201 Principles of Surgical Technology II 5 **SUR202** Surgical Technology Externship II 2 [16 hrs/wk x 15 weeks] General Education Elective 3 14 **Third Semester SUR203** Surgical Technology Externship III 1

33

## Specific Program Notes

**TOTAL CREDITS** 

\*General Education Course List - see page 1.

Program: Certificate in Vascular Technology

Certificate: One-Year [30-36 credit] Academic Certificate

Code: CERT.VAS.TECH
Program Length: 12 months.
GPA for admissions eligibility: 2.50.

Admissions Requirement: ARDMS Registry Status; applicant must be a graduate of a CAAHEP approved sonography program.

Students with a bachelor's degree are eligible.

Application Deadline: February 1. Program Admits: Fall semester.

Note: This regional program utilizes clinical education centers throughout the State of New Jersey. Students might be required to

travel to distant sites and provide their own transportation.

GENERAL EDUCATION REQUIREMENTS	6	RECOMMENDED SEMESTER SEQUENCE
WRT101 English Composition I	3	First Semester
General Education Elective*	3	BIO109 Anatomy & Physiology I
		DMS116 Intro to Vascular Principles &
Restricted Program Requirements	25	Instrumentation
BIO109 Anatomy & Physiology I	4	DMS117 Introduction to Vascular Imaging
BIO209 Anatomy & Physiology II	4	MOA140 Medical Terminology
DMS116 Intro to Vascular Principles & Instrumentation	2	WRT101 English Composition I
DMS117 Introduction to Vascular Imaging	1	General Education Elective*
DMS231 Essentials in Venous Ultrasound	2	1
DMS232 Essentials in Arterial Ultrasound	3	
DMS233 Clinical Experience I	1	Second Semester
DMS234 Vascular Clinical Seminar	3	BIO209 Anatomy & Physiology II
MOA140 Medical Terminology	3	DMS231 Essentials in Venous Ultrasound
		DMS232 Essentials in Arterial Ultrasound
		DMS233 Clinical Experience I
Program Support Requirement: General Education Elective*	3	General Education Elective*
		1
		Summer Session
		DMS234 Vascular Clinical Seminar
TOTAL CREDITS	32	

#### Specific Program Notes

\*General Education Course List - see page 1.

Program:	Accounting Assistant	
Certificate	e of Achievement	
Code: CO	A.ACCT.ASST	
First Sem	ester	
ACC101	Accounting I	3
ACC120	Computerized Accounting	3
ACC140	Federal Income Tax Return Preparation	1
INF124	Spreadsheet: Excel	1
		- 8
Second S	emester	
ACC201	Accounting It	3
INF228	Excel for Problem Solving	1
ACC	Restricted Elective*	3
		3
Third Sen	nester	
ACC463	Co-Op Work Experience (Accounting)	
}	or	3
ACC202	Intermediate Accounting I	
		3
TOTAL C	REDITS	18
Specific F	Program Notes	
*Restricted	d Electives: ACC107 Federal Taxation or AC	CC115
Governme	ent and Not-for-Profit Accounting.	
[	~	
Students of	enrolled in this program ARE REQUIRED to	
successfu	lly complete a course in basic algebra if indi	cated by

Placement Testing

Program:	Baking	
Degree: C	ertificate of Achievement	
Code: CO	A.BAKING	
First Sem	ester	
BUS101	Introduction to Business	3
HRM103	Professional Food Prep Techniques	3
HRM110	Introduction to Baking	3
		9
Second S	emester	
BUS205	Entrepreneurship	3
HRM102	Food Protection and Safety	3
HRM220	Advanced Baking Techniques	3
		9
TOTAL CI	REDITS	18
]		

Specific Program Notes

This program will serve as the Introduction to Baking in the various management settings available in the Hospitality Industry. Students who earn this Certificate of Achievement will be able to apply the credits earned, if they so choose, to the 36-credit Culinary Arts Certificate Program and to the proposed AAS Culinary Entrepreneurship Option or any other options available in the Hotel/Restaurant/Hospitality Department.

Since HRM103 Professional Food Preparation Techniques is a prerequisite for the 200-level HRM courses and BUS101 Introduction to Business is a prerequisite for BUS205, students WILL NOT complete this program in one semester.

-	mt to the t	
	Biotechnology	
	e of Achievement	
Code: CO	A.BIO.TECH	
First Sem	ester	
BIO101	General Biology I	4
CHM140	General Chemistry I	3
CHM141	General Chemistry Laboratory I	1
		- 8
Second S	nmentor	
BIO210		4
MAT150_	Statistics I	3
		7
Third Sen	nester	
BIO211	Introduction to Bioinformatics	3
		3
TOTAL CI	REDITS	18
Specific F	Program Notes	
Students e	enrolled in this program ARE REQUIRED to	
	lly complete a course in basic algebra if indicate	ed by
Placement	l Testing.	-

Certificate	Business Paraprofessional Management e of Achievement A.BUS.PARA.MGMT	
First Sem	ester	
BUS101	Introduction to Business	3
BUS207	Principles of Management	3
COM	COM100 Speech Communication	3
L	or COM102 Public Speaking	
INF101	Introduction to Information Technology	
ļ	or	3
CIS158	Introduction to Computer Science	
PSY101	General Psychology	3
		15
TOTAL CI	REDITS	15

Specific Program Notes

Placement Testing.

Before entering the COA Business Paraprofessional Management program, students *must* have completed a Certificate of Competency in Educational Support Professional Services (12 credits), including:

- -- Module 1: Communication
- -- Module 2: Cultural Competence
- --Module 3: Child Development and Identifying Abuse and Neglect
- -- Module 4: Student and Staff Safety and Health
- --56 hours of NJEA-approved ESP Career Development Training

Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

Program: Certificate Code: CO	e of Achievement	
First Semi	ester	
BUS101	Introduction to Business	3
HRM102	Food Protection and Safety	3
HRM103	Professional Food Prep Techniques	3
		9
Second S	emester	
BUS205	Entrepreneurship	3
HRM106	Menu Planning an Nutrition	1
HRM213	Classical Garde-Manger	3
HRM214	Banquet & Catering Management	2
		9
TOTAL CF	REDITS	18

Specific Program Notes

This program will serve as the Introduction to Catering in the various management settings available in the Hospitality Industry. Students who oam this Certificate of Achievement will be able to apply the credits earned, if they so choose, to the 36-credit Culinary Arts Certificate Program and to the proposed AAS Culinary Entrepreneurship Option or any other options available in the Hotel/Restaurant/Hospitality Department.

Since HRM103 Professional Food Preparation Techniques is a prerequisite for the 200-lovel HRM courses and BUS101 Introduction to Business is a prerequisite for BUS205, students WILL NOT complete this program in one semester.

Students enrolled in this program ARE <u>NOT</u> REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

Certificate	CNC Programming e of Achievement A.CNC.PROG	
First Sem	ester	
MFG122	Machine Tool Principles I	3
MFG227	CNC Programming I	4
		7
Second S	emester	
MFG228	CNC Programming II	4
DFT107	Drafting I	2
		5
TOTAL CI	REDITS	12
Students e	Program Notes enrolled in this program ARE <u>NOT</u> REQUIF Ily complete a course in basic algebra if inc	

	Finance e of Achievement A.FINANCE	
First Sem	ester	
ACC110	Financial Accounting	3
BNF101	Principles of Banking*	3
BUS101	Introduction to Business	3
		9
Second S BNF201		3
BNF202	Asset Management**	3
ECO101 BNF102	Macroeconomics or Personal Finance & Money Management	3
		9
TOTAL C	REDITS	18

#### Specific Program Notes

\*Class offered only during fall semester.

<sup>\*\*</sup>Class offered only during spring semester.

Certificat	: Fire Science le of Achievement DA.FIR.SCI	
First Sen	nester	
FIR101	Introduction to Fire Protection*	3
FIR102	Fundamentals of Fire Prevention/	3
	Fire Inspector I**	
FIR103	Building Codes and Standards	3
FIR104	Fire Tactics and Strategy	3
FIR105	Fire Administration	3
		15
TOTAL C	REDITS	15

#### Specific Program Notes

\*Students with Firefighter I certification will have this course waived and receive 3 credits. Students with Firefighter II Certification will have this course waived and receive 4 credits. \*\*First part of the ninety-hour course required for certification.

Students enrolled in this program ARE <u>NOT</u> REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

Certificate	Forensic Science e of Achievement A.FORENSIC	
First Sem	ester	
CHM100	Introduction to Chemistry	4
CRJ101	Introduction to Criminal Justice	3
CRJ108	Topics in Criminal Justice*	3
CRJ111	Criminal Investigation	3
CRJ120	Practical Criminal Evidence	3
		16
TOTAL C	REDITS	16
Specific P	Program Notes	

\*Special Topics Course: Introduction to Forensics.

Students enrolled in this program ARE NOT REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

First Sem		
CRJ108	Topics in Criminal Justice*	3
HSE101	Introduction to Homeland Security	3
HSE102	Introduction to Emergency Management	3
HSE103	Legal Aspects of Homeland Security & Emergency Management	3
HSE104	Disaster Management, Risk Assessment & Mitigation	3
		15
TOTAL C	REDITS	15
Specific F	Program Notes	

First Sem	ester	
BUS101	Introduction to Business	3
HRM101	Introduction to Hospitality Management	3
HRM104	Front Office Procedures	2
HRM108	Computer Applications for the Hospitality Industry	1
		9
Second S	emester	
BUS205	Entrepreneurship	3
HRM203	Beverage Management	2
	Restaurant Service Management	3
HRM205		
HRM205 HRM207	Hotel Sales & Convention Planning	1

## Specific Program Notes

This program will serve as the Introduction to Hospitality Operations in the various management settings available in the Hospitality Industry. Student who earn this Certificate of Achievement will be able to apply the credits, if they so choose, to the 36-credit Culinary Arts Certificate Program and To any of the degree curriculum options available in the Hotel/Restaurant/Hospitality Department.

Since HRM101 Introduction to Hospitality Management is a prerequisite for the 200-level HRM courses and BUS101 Introduction to Business is a prerequisite for BUS205, students WILL NOT complete this program in one semester.

Placement Testing.

Certificat	Labor Studies e of Achievement DA.LABOR	
First Sem	ester	
BUS101	Introduction to Business*	3
POL116	Labor Law**	3
POL122	Collective Bargaining	3
		9
Second S	Semester	
BUS208	Human Resources Management	3
HIS140	History of the Labor Movement	3
LGL236	Employment Law	2
		8
TOTAL C	REDITS	17
C-selfie I	Decream Notes	

Specific Program Notes
\*BUS101 Introduction to Business or BUS115 Introduction to Nonprofit Organizations or by permission from the Academic Department Chair.

\*\*Prerequisite of LGL101 Fundamentals of Law may be waived by special permission from the Academic Department Chair of the Legal and Related Studies Department [especially for sludents pursuing the Certificate of Achievement in Labor Studies.]

December	Machine Tealing	
	Machine Tooling	
	e of Achievement	
Code: CO	A.MACH.TOOL	
First Sem	ester	
DFT101	Drafting I	2
DFT210	Computer Aided Drafting I	3
MFG122	Machine Tool Principles I	3
		8
Second S	emester	
MFG119	Pro/Engineer Design I	3
MFG222		3
		6
TOTAL CI	REDITS	14
1		
Specific F	rogram Notes	
Students e	enrolled in this program ARE NOT REQUIR	RED to
	lly complete a course in basic algebra if inc	

	Manufacturing Design using Pro/Engineer®	)
	A.MFG.PROENG	
First Sem	ester	
MFG119	Pro/Engineer Design I	3
		3
Second S	emester	
MFG219	Pro/Engineer Design II	3
		3
Third Sem	ester	
MFG220	Pro/Engineer Design III	3
		3
Fourth Se	mester	
MFG221	Pro/Engineer Design IV	3
		3
TOTAL CF	REDITS	12
Students e	rogram Notes nrolled in this program ARE <u>NOT</u> REQUIRED ly complete a course in basic algebra if indicate Testing.	

Code: CC	A.MKTG.ASST	
First Sem	ester	
BUS101	Introduction to Business	
BUS105	Business Communications	
PSY101	General Psychology	
Second S	iemester	
BUS201	Marketing Principles	
BUS210	e-Marketing	
BUS	Restricted Elective*	
TOTAL C	REDITS	1
Specific F	Program Notes	
*Restricte	d Elective: BUS202 International Market	ing;
	Advertising; BUS463 Co-Op Work Exper	
[Business Position.	Administration] recommended only with	a marketing
Students 6	enrolled in this program ARE NOT REQ	UIRED to
	lly complete a course in basic algebra if	

Certificate	Commercial Music Production e of Achievement A.MUSC.COMM.PROD	
First Sem	ester	
MUS119	Songwriting Workshop	2_
MUS131	Class Piano I	2
MUS151	Introduction to Audio Recording	3
MUS152	Introduction to the Music Business	3
		10
Second S	emester	
MUS150	Introduction to MIDI Sequencing and Synthesi	
MUS231	Class Piano II	2
MUS251	Studio Recording Techniques	3
		8
TOTAL CI	REDITS	18
Students e	Program Notes enrolled in this program ARE <u>NOT</u> REQUIRED to Illy complete a course in basic algebra if indicated t Testing.	

Certificat	Network Security e of Achievement OA.NET.SECURITY	
First Sen		
INF267	Network Security	3
INF270	Computer Crime	3
INF271	Ethical Hacking	3
INF272	Windows Active Directory	3
INF273	Intrusion Detection and Prevention	3
		15
TOTAL C	REDITS	15
Specific	Program Notes	
	Networking Experience, 3 credits – Transfer c	redit
*INF170 N		
awarded	for extensive professional experience. INF fac	ulty
awarded	for extensive professional experience. INF fac ndation required to obtain credit.	culty

_	Nonprofit Management	
	A.NONPRF.MGT	
0000.00	AMOIN IN .MOT	
First Sem	ester	
ACC115	Government and Not-for-Profit Accounting	3
BUS115	Introduction to Nonprofit Organizations	3
MUS116	Funding and Grant Management	3
		9
Second S	emester	
BUS201	Marketing Principles	3
BUS207	Principles of Management	3
LGL209	Nonprofit Law	3
		9
TOTAL CI	REDITS	18
Specific F	Program Notes	

Certificate	Private Security e of Achievement A.PRIV.SECURITY	
First Sem	ester	
CRJ101	Introduction to Criminal Justice	3
CRJ111	Criminal Investigation	3
CRJ112	Crime Prevention	3
CRJ125	Introduction to Security	3
CRJ127	Principles of Loss Prevention	3
		15
TOTAL C	REDITS	15
Specific F	Program Notes	
	enrolled in this program ARE <u>NOT</u> REQUI Ily complete a course in basic algebra if in t Testing.	

	Professional Cooking	
	of Achievement	
Code: CO.	A.PROF.COOK	
First Seme	ester	
HRM102	Food Protection and Safety	3
HRM103		3
HRM110	Introduction to Baking	3
		9
Second S	emester	
HRM212	International Quisine	3
HRM213	Classical Garde-Manger*	3
HRM220	Advanced Baking Techniques**	3
		9
TOTAL CF	REDITS	18
*Class offe	rogram Notes red only during fall semester. ered only during spring semester.	
	nrolled in this program ARE REQUIRED to ly complete a course in basic algebra if indicat Testing.	ed by

Certificat	Real Estate e of Achievement A.REAL.EST	
First Sem	ester	
BUS101	Introduction to Business	
REA101	Principles of Real Estate	
Second S	emester	
REA202	Zoning, Planning and Land Use	
REA203	N.J. Environmental Regulations	
REA204	Real Estate Leasing*	
REA206	Real Estate Finance	
TOTAL C	REDITS	1
*Holders of	Program Notes of current N.J. Sales or Brokers License are exe e Courses. in the second semester will be offered in the only.	mpt
	enrolled in this program ARE NOT REQUIRED	to

Certificate	Retailing e of Achievement A.RETAIL	
First Sem	ester	
BUS101		3
BUS102	Retailing	3
BUS105	Business Communications	3
		9
Second S BUS104		
BUS104		3_
	Effective Selling	3
BUS201	Marketing Principles	9
TOTAL C	REDITS	18
-	Program Notes	IRED to

successfully complete a course in basic algebra if indicated by

Placement Testing.

	Sports Management	
	A.SPORTS.MGMT	
First Sem	ester	
BUS101	Introduction to Business	3
WEX101	Dynamics of Health and Fitness	2
WEX126	Sports Administration	3
		8
Second S	emester	
BUS203		3
WEX127	Intro to Facility and Events	3
WEX473	Co-Op Work Experience/Sports Management	3
		9
TOTAL C	REDITS	17
Specific P	rogram Notes	
Students e	nrolled in this program ARE NOT REQUIRED to	)
	ly complete a course in basic algebra if indicated	by by
Placement	Testing.	

Program: Special Imaging for Radiologic Technologists Certificate of Achievement Code: COA.IMAG.RAD
This program is for practicing professionals whose experience in the field has gained them the equivalent of one year of study in a two-year program. All students must be registered/licensed radiographers [RT(R)/LXT] in good Standing to enroll in this program.
First Semester
RAD250 Cross-Sectional Anatomy for Specialty Imaging 4
RAD251 Computer Tomography 3
RAD252 Magnetic Resonance Imaging 3
10
Second Semester
RAD253 Magnetic Resonance Imaging Clinical Practicum 1
RAD254 Computerized Tomography Clinical Practicum 1
2
TOTAL CREDITS 12
Specific Program Notes Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by Placement Testing.

	Sports Merchandising e of Achievement	
	A.SPORT.MERCH	
ODGC. OC	A.O. O.C. MILICOTT	
First Sem	ester	
BUS101	Introduction to Business	;
BNF103	Sports Finance	
BUS150	Sport and Team Branding	
		- 1
Second S		
BUS203	Sports Marketing	;
BUS251	Sports Merchandising & Promotion	
	Restricted Elective*	
		!
	_	
TOTAL C	REDITS	1
		1
Specific I	Program Notes	1:
Specific I	Program Notes d Elective: select one of the following:	1
Specific I *Restricte BUS463	Program Notes d Elective: select one of the following: Co-Op Work Experience [Business Admin]	1:
Specific I *Restricte BUS463 PSY111	Program Notes d Elective: select one of the following: Co-Op Work Experience [Business Admin] Sport Psychology	1
Specific I *Restricte BUS463 PSY111	Program Notes d Elective: select one of the following: Co-Op Work Experience [Business Admin]	11
Specific I *RestricteBUS463PSY111WEX127	Program Notes d Elective: select one of the following: Co-Op Work Experience [Business Admin] Sport Psychology Intro to Facility and Events	
Specific I *RestricteBUS463PSY111WEX127 Students	Program Notes d Elective: select one of the following: Co-Op Work Experience [Business Admin] Sport Psychology	) to

Certificate Code: CO		
First Sem	ester	
DFT107	Drafting I	2
MFG130	Welding Technology I	3
		5
Second S MFG230 MFG229	Welding Technology I	3 4
		7
TOTAL C	REDITS	12
Students e	Program Notes enrolled in this program ARE <u>NOT</u> REQUIRE lly complete a course in basic algebra if indic t Testing.	

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