

ASSOCIATE OF SCIENCE (A.S.) AND ASSOCIATE OF APPLIED SCIENCE (A.A.S.) DEGREE PROGRAMS

ACCOUNTING TECHNOLOGY A.S.

Students who successfully complete 27 core/technical credits in this degree program may be eligible to receive the college credit certificate in Accounting Applications.

GENERAL EDUCATION

Select one course from each category; see page 68.

		College Credits
_____	Communications	3
_____	Humanities	3
_____	Mathematics	3
_____	Science	4
_____	Social Science	3
_____	General Education Electives	2

Total General Education Credits Required 18

CORE COURSES

CGS 1100	Microcomputer Applications	3
MTB 1103	Business Math	3
ECO 2013	Economics I	3
ACG 2001	Accounting I	3
ACG 2011	Accounting II	3
ACG 2071	Managerial Accounting	3
ACG 2450	Computer Applications in Accounting ..	3
ACO 1806	Payroll Accounting	3
GEB 1011	Introduction to Business	3
CGS 1570	Computer Applications for Business ...	3
TAX 2000	Federal Income Tax	3

Total Core Credits Required 33

TECHNICAL ELECTIVES

With the approval of an advisor, select at least 13 credits from the following:

CGS 2564	Introduction to Windows	3
ECO 2023	Economics II	3
BUL 2241	Business Law I	3
BUL 2242	Business Law II	3
GEB 2441	Business Ethics	3
ENC 1200	Effective Business Writing or	
OST 2335	Business Communications	3
MAN 2021	Management	3
STA 2023	Statistics	3
CDA 2500	Network Technology	3
GEB 1940	Internship	3
_____	Approved College Credit Course(s) ...	—

Total Technical Elective Credits Required 13

Total Program Credits Required 64

ARCHITECTURAL DESIGN AND CONSTRUCTION TECHNOLOGY A.A.S.

GENERAL EDUCATION

Select one course from each category; see page 68.

		College Credits
_____	Communications	3
_____	Humanities	3
_____	Mathematics (MAT 1033A, MAC 1105, or MTB 1321 or Higher level math)	3
_____	Science	4
_____	Social Science	3
_____	General Education Electives	2

Total General Education Credits Required 18

CORE COURSES

ETD 1100	Introduction to Technical Drawing	3
ETD 1310C	Auto CAD I	3
EGS 1110C	Engineering Graphics	3
BCN 1230	Building Construction Materials & Processes	3
BCN 1272	Blueprint Reading for Commercial Construction	3
BCT 2600	Construction Estimating	3
TAR 2121C	Architectural Drafting	3
SUR 2100C	Surveying I	3

Total Core Credits Required 24

ARCHITECTURAL DESIGN OPTION

With the approval of an advisor, select 22 credits from the following:

ARC 2201	Theory of Architecture	3
ARC 2303A	Design 2.1	4
ARC 2304	Design 2.2	4
BCN 2721	Construction Management/Planning ...	3
EGS 1130C	Descriptive Geometry	3
ETD 1311C	Auto CAD II	3
ETD 2352C	Auto CAD III	3
ETD 1350C	Auto CAD 3D Modeling I	3
ETD 2281C	Introduction to Microstation	3
ETD 2355C	Auto CAD 3D Modeling II	3
ETD 1842C	Computer Rendering I	3
ETD 2843C	Computer Rendering II	3
GET 1251	Basic Computer Operations and Maintenance	3
CGS 2564	Introduction to Windows	3
SUR 2140C	Surveying II	3
_____	Approved College Credit Course(s) ...	—

Total Technical Elective Credits Required 22

Total Program Credits Required for Architectural Design Option 64

BUILDING CONSTRUCTION OPTION

With the approval of an advisor, select 22 credits from the following:

BCN 2721	Construction Management/Planning . . .	3
BCN 2560	Mechanical Systems in Construction . .	3
BCN 1520	Electrical Systems in Construction . . .	3
BCN 1567	Plumbing and Gas Construction Practices	3
BCT 2611	Structural Systems in Construction . . .	3
BUL 2241	Business Law I	3
CET 1251	Basic Computer Operations and Maintenance	3
ETD 2542	Structural Drafting I	3
ETD 2543C	Structural Drafting II	3
REE 1040A	Introduction to Real Estate	3
SUR 2140C	Surveying II	3
_____	Approved College Credit Course(s) . . .	__

Total Technical Elective Credits Required 22

Total Program Credits Required for Building Technology Option 64

BUSINESS ADMINISTRATION AND MANAGEMENT A.A.S.

Students who successfully complete 30 core/technical credits in this degree program may be eligible to receive the college credit certificate in Business Management and/or the college credit certificate in Marketing.

GENERAL EDUCATION

Select one course from each category; see page 68.

		College Credits
_____	Communications	3
_____	Humanities	3
_____	Mathematics	3
_____	Science	4
_____	Social Science	3
_____	General Education Electives	2

Total General Education Credits Required 18

CORE COURSES

GEB 1011	Introduction to Business	3
BUL 2241	Business Law I	3
CGS 1100	Microcomputer Applications	3
ACG 2001	Accounting I	3
ACG 2011	Accounting II	3
MAN 2021	Management	3
ECO 2013	Economics I	3
CGS 1570	Computer Applications for Business . . .	3

Total Core Credits Required 24

BUSINESS ADMINISTRATION AND MANAGEMENT OPTION

With the approval of an advisor, select at least 22 credits from the following:

ENC 1200	Effective Business Writing or	
OST 2335	Business Communications	3
MNA 2100	Organization Behavior	3
MAR 2011	Introduction to Marketing	3
ACG 2071	Managerial Accounting	3
BUL 2242	Business Law II	3
MTB 1103	Business Math	3
MAN 2300	Personnel Management	3
CGS 2564	Introduction to Windows	3
GEB 2441	Business Ethics	3
MKA 2021	Professional Selling	3
MKA 2401	Retail Management	3
GEB 1940	Internship	3
_____	Approved College Credit Course(s) . . .	__

Total Technical Electives Required 22

Total Program Credits Required For Business Administration Option 64

MARKETING MANAGEMENT OPTION

With the approval of an advisor, select at least 22 credits from the following:

ENC 1200	Effective Business Writing or	
OST 2335	Business Communications	3
MKA 2021	Professional Selling	3
MKA 2511	Advertising	3
ACG 2071	Managerial Accounting	3
BUL 2242	Business Law II	3
MAR 2011	Introduction to Marketing	3
MTB 1103	Business Math	3
MAN 2300	Personnel Management	3
CGS 1570	Computer Applications for Business . . .	3
CGS 2564	Introduction to Windows	3
GEB 2441	Business Ethics	3
MKA 2041	Retail Management	3
GEB 1940	Internship	3
_____	Approved College Credit Course(s) . . .	__

Total Technical Electives Required 22

Total Program Credits Required for the Marketing Management Option 64

QUALITY MANAGEMENT OPTION

With the approval of an advisor, select at least 22 credits from the following:

MNA 2100	Organizational Behavior	3
MAR 2011	Introduction to Marketing	3
MAN 2300	Personnel Management	3
GEB 2441	Business Ethics	3
ETI 2117	Introduction to Total Quality	3
ETI 2118	Implementing Total Quality	3
ETI 2114	Just-in-Time Inventory	3
ETI 2115	Benchmarking	3
ETI 2116	Statistical Process Control or	3
ETI 2110	Quality Tools I	3
GEB 1940	Internship	3
STA 2023	Statistics	3
_____	Approved College Credit Course(s)	_____

Total Technical Electives Required 22

Total Program Credits Required for the Quality Management Option 64

CHILD DEVELOPMENT AND EDUCATION A.A.S.

Students who successfully complete 36 core/technical credits in this degree program may be eligible to receive the college credit certificate in Child Development.

GENERAL EDUCATION
Select one course from each category; see page 68.

College Credits		
_____	Communications	3
_____	Humanities	3
_____	Mathematics	3
_____	Science	4
_____	Social Science	3
_____	General Education Electives	2

Total General Education Courses Required 18

CORE COURSES

CHD 1220	Child Growth and Development I	3
CHD 1430	Observing and Recording Child Behavior	3
HUN 2410A	Child Nutrition and Health Programs for Young Children	3
CHD 2322	Curriculum for Young Children I	3
CHD 2432A	Curriculum for Young Children I	3
CHD 1312	Infant and Toddler	3
CHD 1800	Early Childhood Program Administration	3
CHD 1223	Guidance for Young Children	3
CHD 1941	Internship-Child Development	3
CHD 2332A	Curriculum for Young Children II	3
CHD 2334A	Curriculum for Young Children III	3
CHD 2337A	Curriculum for Young Children IV	3
CHD 1531	Parenting Education	3

Total Core Credits Required 36

TECHNICAL ELECTIVES

With the approval of an advisor, select at least 9 credits from the following:

HSC 1400	First Aid	3
CHD 1230	Child Growth and Development II	3
FAD 1123	Adults in a Changing Society	3
EEX 2010	Introduction to Exceptional Children	3
CHD 2433	Child Development Seminar	3
CHD 1941	Internship – Child Development	3-9
EDF 1005	Introduction to Education	3
EDG 2701	Teaching Diverse Populations	3
EME 2040	Introduction to Educational Technology	3

Total Technical Elective Credits Required 9

Total Program Credits Required 63

COMPUTER ENGINEERING TECHNOLOGY A.A.S.

GENERAL EDUCATION
Select one course from each category; see page 68.

College Credits		
_____	Communications	3
_____	Humanities	3
_____	Mathematics	3
_____	Science	4
_____	Social Science	3
_____	General Education Electives	2

Total General Education Credits Required 18

CORE COURSES

EET 1015C	Electricity/Electronics I	4
EET 1025C	Electricity/Electronics II	4
EET 1141C	Devices/Circuits I	4
EET 1142C	Devices/Circuits II	4
EET 1606C	Soldering/PCB Technology	2
CIS 1000	Introduction to Computer Science	3
CET 1251	Computer Operations and Maintenance	3
CET 2114C	Digital Fundamentals	4
CET 2123C	Microprocessor Fundamentals	4

Total Core Credits Required 32

A.S. & A.A.S. DEGREE PROGRAMS

COMPUTER ENGINEERING OPTION

With the approval of an advisor, select at least 18 credits from the following:

CET 2173C	Microcomputer Servicing	4
CET 2154C	Microcomputer Troubleshooting & Networking	4
CET 2186C	Monitor and Laser Printer Maintenance	3
CET 21791	A+ Certification Prep	1
COP _____	Programming Elective(s)	—
CDA _____	Networking Elective(s)	—
CIS _____	Computer Science Elective(s)	—
_____	Approved College Credit Elective(s)	—

Total Technical Credits Required 18

Total Program Credits Required for the Computer Engineering Option 68

NETWORK ENGINEERING OPTION

With the approval of an advisor, select at least 18 credits from the following:

COP 2220	Programming in C	3
CDA 2500	Network Technology	3
CDA 2524	Network Administration	3
CDA 2525	Advanced Network Administration	3
CET 1510	Network Essentials	3
CET 1484	Novell NetWare	3
CDA _____	Network Security	3
CET 2497	TCP/IP	3
CDA _____	Any College Credit CDA Course(s)	—
_____	Approved College Credit Course(s)	—

Total Technical Credits Required 18

Total Program Credits Required for the Network Engineering Option 68

COMPUTER INFORMATION TECHNOLOGY A.S.

Students who successfully complete at least 33 credits from this program of study may be eligible to receive the college credit certificate in Computer Programming.

GENERAL EDUCATION
Select one course from each category; see page 68.

	College Credits
_____	Communications 3
_____	Humanities 3
_____	Mathematics 3
_____	Science 4
_____	Social Science 3
_____	General Education Electives 2

Total General Education Courses Required 18

CORE COURSES

CIS 1000	Introduction to Computer Science	3
CGS 1100	Microcomputer Applications	3
CDA 2500	Network Technology	3
CGS 1550	Introduction to the World Wide Web	3
CGS 2564	Introduction to Windows	3
CGS 1570	Computer Applications for Business	3
COP 2010	Visual Basic	3

Total Core Credits Required 21

TECHNICAL ELECTIVES

With the approval of an advisor, select 24 credits from the following:

CDA 2524	Network Administration and Management	3
_____	Database Design and Implementation	3
CDA 2525	Advanced Network Administration	3
CIS _____	Approved College Credit CIS Course(s)	—
COP _____	Approved College Credit COP Course(s)	—
CET _____	Approved College Credit CET Course(s)	—
CGS _____	Approved College Credit CGS Course(s)	—
CDA _____	Approved College Credit CDA Course(s)	—
CIS 1940	Computer Science Internship I	3
GEB 1940	Business Internship	3
OST _____	Approved College Credit OST Course(s)	—
_____	College Credit Elective(s)	6

Total Technical Electives Required 24

Total Program Credits Required 63

COMPUTER PROGRAMMING AND ANALYSIS A.S.

Students who successfully complete at least 33 credits from this program of study may be eligible to receive the college credit certificate in Computer Programming.

GENERAL EDUCATION
Select one course from each category; see page 68.

	College Credits
_____	Communications 3
_____	Humanities 3
_____	Mathematics 3
_____	Science 4
_____	Social Science 3
_____	General Education Electives 2

Total General Education Credits Required 18

CORE COURSES

CIS 1000	Introduction to Computer Science	3
MAC 1140	Pre-Calculus Algebra or Higher level mathematics	3
CDA 2500	Network Technology	3
CGS 1550	Introduction to the World Wide Web	3
CGS 2564	Introduction to Windows	3
_____	Database Design and Implementation.	3
COP 2220	Programming in C	3
COP 2800	Java.	3
COP 2224	C++	3
COP 2010	Visual Basic	3

Total Core Credits Required 30

TECHNICAL ELECTIVES

With the approval of an advisor, select 15 credits from the following:

COP 2210	Programming in Pascal	3
COP 2120	COBOL Programming	3
COP 2200	Fortran Programming	3
COP 2400	Assembler	3
_____	Advanced Visual Basic	3
CIS 1940	Computer Science Internship I	3
CIS 1940A	Computer Science Internship II	3
CDA _____	Approved College Credit CDA Course(s)	_____
COP _____	Approved College Credit COP Course(s)	_____
CIS _____	Approved College Credit CIS Course(s)	_____
GET _____	Approved College Credit CET Course(s)	_____
_____ _____	Approved College Credit Electives.	3-6

**Total Technical Electives
Required 15**

Total Program Credits Required 63

**CRIMINAL JUSTICE
TECHNOLOGY**

A.A.S.

GENERAL EDUCATION

Select one course from each category; see page 68.

_____ _____	College Credits Communications	3
_____ _____	Humanities.	3
_____ _____	Mathematics	3
_____ _____	Science	4
_____ _____	Social Science	3
_____ _____	General Education Electives.	2

**Total General Education Credits
Required 18**

CRIMINAL JUSTICE OPTION

TECHNICAL COURSES

CCJ 1020	Introduction to Criminal Justice.	3
CCJ 1000	Introduction to Criminology.	3
CCJ 1500	Juvenile Delinquency	3
CCJ 1935	Criminal Justice Seminar	3
CCJ 1210	Criminal Law	3
CCJ 1230	Criminal Procedures.	3

With approval of an advisor, select 28 credits from the following courses:

CJT 2140	Introduction to Criminalistics.	3
CCJ 1121	Crime Prevention	3
CCJ 1192	Crisis Intervention	3
CCJ 1400	Police Organization & Administration	3
CCJ 1611	Child Abuse	3
CCJ 1941	Internship – Criminal Justice	3
CCJ 2330	Introduction to Probation and Parole	3
CJD 2605	Traffic Homicide	3
CCJ 2200	Courts/Criminal Process.	3
CCJ 2300	Introduction to Corrections	3
CJT 2340	Police Operations.	3
SYG 2010	Social Problems.	3
PLA 2263	Rules of Evidence	3
_____ _____	Approved College Credit Course(s)	_____

**Total Technical Credits
Required 46**

**Total Program Credits Required for the
Criminal Justice Option 64**

**LAW ENFORCEMENT/CORRECTIONS
ACADEMY OPTION**

TECHNICAL COURSES

With the approval of a Public Safety Advisor, select 46 credits from the following courses:

CJD 1700	Criminal Justice Legal I	3
CJD 1701	Criminal Justice Legal II	3
CJD 2720	Law Enforcement Legal II.	3
CJD 1702	Criminal Justice Communications	3
CJD 1703	Criminal Justice Interpersonal Skills I.	3
CJD 1740	Corrections Interpersonal Skills II.	3
CJD 1722	Law Enforcement Traffic	3
CJD 1721	Law Enforcement Patrol	3
CJD 1724	Law Enforcement Investigation	4
CJD 2254	Criminal Justice Medical.	3
CJD 1705A	Criminal Justice Weapons	3
CJD 1704	Criminal Justice Defensive Tactics	4
CJD 1723	Law Enforcement Vehicle Operations	3
CJD 1741	Corrections Emergency Preparedness	2
CJD 1742	Corrections Operations.	4
_____ _____	Approved College Credit Course(s)	_____

**Total Technical Credits
Required 46**

**Total Program Credits Required for the Law
Enforcement/Corrections Academy Option 64**

**A.S. & A.A.S.
DEGREE PROGRAMS**

CUSTOMER SERVICE TECHNOLOGY A.A.S.

Students who successfully complete from 24-30 credits from the technical courses in this program may be eligible to receive the Business Management and/or Office Systems Specialist College Credit Certificates.

GENERAL EDUCATION
Select one course from each category; see page 68.

	College Credits
_____ _____ Communications	3
_____ _____ Humanities	3
_____ _____ Mathematics	3
_____ _____ Science	4
_____ _____ Social Science	3
_____ _____ General Education Electives	2

Total General Education Credits Required 18

CORE COURSES

MNA 1161	Customer Service	3
GEB 1011	Introduction to Business	3
MAR 2011	Introduction to Marketing	3
ENC 1200	Effective Business Writing	
	or	
OST 2335	Business Communications	3
MNA 2100	Organizational Behavior	3
GEB 2441	Business Ethics	3
CGS 1100	Microcomputer Applications	3
CGS 1570	Computer Applications for Business ...	3
CGS 1550	Introduction to the World Wide Web ...	3

Total Core Credits Required 27

TECHNICAL ELECTIVES

With the help of an advisor, select at least 17 credits from the following:

GEB 1940	Internship	3-6
BUL 2241	Business Law	3
MKA 2041	Retail Management	3
MAN 2300	Personnel Management	3
MKA 2021	Professional Selling	3
MAN 2021	Management	3
_____ _____	Other College Credit Elective(s)	6

Total Technical Electives Required 17

Total Program Credits Required 62

DRAFTING AND DESIGN TECHNOLOGY (CAD/CAM) A.A.S.

GENERAL EDUCATION
Select one course from each category; see page 68.

	College Credits
_____ _____ Communications	3
_____ _____ Humanities	3
_____ _____ Mathematics	
	(MAT 1033A, MAC 1105 or
	MTB 1321 or Higher level math) ...
_____ _____	3
_____ _____ Science	4
_____ _____ Social Science	3
_____ _____ General Education Electives	2

Total General Education Credits Required 18

CORE COURSES

ETD 1100	Introduction to Technical Drawing	3
ETD 1310C	Auto CAD I	3
ETD 1311C	Auto CAD II	3
ETD 2352C	Auto CAD III	3
ETD 1350C	Auto CAD 3D Modeling I	3
ETD 2355C	Auto CAD 3D Modeling II	3

Total Core Credits Required 18

CAD/CAM OPTION

With the approval of an advisor, select at least 26 credits from the following:

EGS 1110C	Engineering Graphics	3
EGS 1130C	Descriptive Geometry	3
ETD 1710	Fundamentals of Geometric Dimensioning & Tolerancing	4
ETD 2218	Geometric Dimensioning and Tolerancing	4
ETD 2219	Adv. Geometric Dimensioning and Tolerancing	4
ETD 2250	Tolerance Stacks I	4
ETD 2251	Tolerance Stacks II	4
ETD 2365C	Mechanical Desktop I	3
ETD 2366C	Mechanical Desktop II	3
ETI 2110	Quality Tools I	3
ETI 2111	Quality Tools II	3
ETI 1411	Advanced Manufacturing Processes ...	3
GET 1251	Basic Computer Operations and Maintenance	3
EET 1606C	Soldering/PC Board Techniques	2
_____ _____	Approved College Credit Course(s) ...	_

Total Technical Elective Credits Required 26

Total Program Credits Required for CAD/CAM Option 62

MECHANICAL DESIGN OPTION

With the approval of an advisor, select at least 26 credits from the following:

ETD 1111	Drafting I	6
ETD 1221	Drafting II	6
ETD 1700	Drafting III	6
ETD 1710	Fundamentals of Dimensioning & Tolerancing	4
ETD 2218	Geometric Dimensioning and Tolerancing	4
ETD 2219	Adv. Geometric Dimensioning and Tolerancing	4
ETD 2250	Tolerance Stacks I	4
ETD 2251	Tolerance Stacks II	4
ETD 2365C	Mechanical Desktop I	3
ETD 2366C	Mechanical Desktop II	3
ETD 2705	Advanced Mechanical Drafting	3
ETI 2110	Quality Tools I	3
ETI 1411	Advanced Manufacturing Processes	3
_____	Approved College Credit Course(s)	_____

Total Technical Elective Credits Required 26

Total Program Credits Required for Mechanical Design Option 62

TECHNICAL ILLUSTRATION OPTION

MTB 1103 is acceptable for general education math in this option. With the approval of an advisor, select at least 26 credits from the following:

EGS 1110C	Engineering Graphics	3
EGS 1130C	Descriptive Geometry	3
ETD 1801	Technical Illustrations	3
ETD 2801	Technical Illustrations II	3
ETD 1842C	Computer Rendering I	3
ETD 2843C	Computer Rendering II	3
GRA 1820C	Desktop Publishing I	3
GRA 1821C	Desktop Publishing II	3
GRA 2800C	Computer Graphics I	4
GRA 2801C	Computer Graphics II	4
_____	Approved College Credit Course(s)	_____

Total Technical Elective Credits Required 26

Total Program Credits Required for Technical Illustration Option 62

GRAPHIC DESIGN TECHNOLOGY

A.A.S.

GENERAL EDUCATION

Select one course from each category; see page 68.

		College Credits
_____	Communications	3
_____	Humanities	3
_____	Mathematics	3
_____	Science	4
_____	Social Science	3
_____	General Education Electives	2

Total General Education Credits Required 18

COMMERCIAL DESIGN OPTION

CORE COURSES

GRA 1820C	Desktop Publishing I	3
ART 1480C	Computer Art I	3
GRA 2800C	Computer Graphics I	4
ART 2600C	Digital Imaging I	4

Total Core Credits Required 14

TECHNICAL ELECTIVES

With the approval of an advisor, select 32 credits from the following:

GRA 1821C	Desktop Publishing II	3
GRA 2801C	Computer Graphics II	4
GRA 2600C	Pre-press Assembly	4
ART 1500C	Corporate Imagery	4
ART 2482C	Computer Art II	3
ART 2602C	Digital Imaging II	4
GRA 2547C	Projects in Graphic Design	3
_____	Approved College Credit Electives	_____

Total Technical Credits Required . . . 32

Total Program Credits Required for the Commercial Design Option 64

COMPUTER GRAPHICS OPTION

CORE COURSES

GRA 1820C	Desktop Publishing I	3
ART 1480C	Computer Art I	3
GRA 2800C	Computer Graphics I	4
ART 2600C	Digital Imaging I	4

Total Core Credits Required 14

A.S. & A.A.S. DEGREE PROGRAMS

TECHNICAL ELECTIVES

With approval of an advisor, select 32 credits from the following:

GRA 1821C	Desktop Publishing II	3
GRA 2801C	Computer Graphics II	4
GRA 2600C	Pre-press Assembly	4
GRA 1822C	Desktop Publishing III.	3
GRA 2802C	Computer Graphics III	3
GRA 2841C	Web Publishing	4
GRA 2805C	Advanced Graphics Projects.	4
_____	Approved College Credit Electives	—

**Total Technical Electives
Required 32**

**Total Program Credits Required for the Graphic
Design Option 64**

VISUAL ARTIST OPTION

CORE COURSES

ARH 2050	Art History Prehistoric to Renaissance	3
ARH 2051	Art History Renaissance to 20th Century	3
ART 1201C	Two Dimensional Design	3
ART 1203C	Three Dimensional Design	3
ART 1300C	Drawing I	3
ART 1301C	Drawing II	3
ART 2510C	Painting I	3
HUM 2920	Humanities Colloquium OR	
ART 1905	Independent Study in Art	1

**Total Core Credits
Required 22**

TECHNICAL ELECTIVES

With the approval of an advisor, select 24 credits from the following:

ART 1110C	Pottery I.	3
ART 1111C	Pottery II	3
ART 1701C	Sculpture I	3
ART 1702C	Sculpture II	3
ART 2520C	Painting II.	3
ART 2560C	Water Color I	3
ART 2561C	Water Color II.	3
ART 2955C	Portfolio Development	3
_____	Approved College Credit Electives	—

**Total Technical Credits
Required 24**

**Total Program Credits Required for the
Visual Artist Option. 64**

**INDUSTRIAL MANAGEMENT
TECHNOLOGY**

A.A.S.

Students who successfully complete 30 core/technical credits in this degree program may be eligible to receive the college credit certificate in Business Management.

GENERAL EDUCATION

Select one course from each catalog; see page 68.

_____	_____	College Credits	
_____	_____	Communications	3
_____	_____	Humanities.	3
_____	_____	Mathematics	3
_____	_____	Science	4
_____	_____	Social Science	3
_____	_____	General Education Electives.	2

**Total General Education Credits
Required 18**

CORE COURSES

With the help of an advisor, select 12 credits from the following courses.

MAN 2021	Management	3
MAN 2300	Personnel Management	3
MNA 2100	Organizational Behavior	3
MNA 1015	Industrial Management.	3
MNA 1345	Industrial Supervision.	3
ETI 2117	Introducing Total Quality.	3
ETI 2118	Implementing Total Quality	3
CGS 1100	Microcomputer Applications	3
CGS 2564	Introduction to Windows	3
_____	Approved computer-related course.	3
ENC 1200	Effective Business Writing or	
OST 2335	Business Communications	3
GEB 1940	Internship	3-9
ACG 2001	Accounting I.	3
ACG 2011	Accounting II	3
ACG 2071	Managerial Accounting.	3
GEB 1011	Introduction to Business.	3
GEB 2441	Business Ethics	3

TECHNICAL ELECTIVES

With the approval of an advisor select at least 30 college or articulated credits.

**Total Technical Elective Credits
Required 30**

Total Program Credits Required 60

MANUFACTURING TECHNOLOGY **A.A.S.**

GENERAL EDUCATION
Select one course from each category, see page 68.

		College Credits
_____	Communications	3
_____	Humanities	3
_____	Mathematics	3
_____	Science	4
_____	Social Science	3
_____	General Education Electives.....	2
Total General Education Credits Required		18

CORE COURSES

ETI 2110	Quality Tools I	3
ETI 2111	Quality Control II	3
EET 1606C	Soldering PC Board Techniques	2
ETI 1411	Advanced Manufacturing Processes...	3
EGS 1110C	Engineering Graphics	3
ETD 1710	Basic Machine Drafting	3
ETD 2655	Advanced Printed Circuit Board Drafting	3
EET 1015C	Basic Electricity/Electronics I.....	4
EET 1141C	Devices and Circuits I	4
ETD 2218	Geometric Dimensioning and Tolerancing	3
ETD 2219	Advanced Geometric Dimensioning and Tolerancing	3
ETD 1310	Introduction to Computer Drafting	3
ETD 1654	Intermediate PCB Drafting	3
Total Core Credits Required		40

TECHNICAL ELECTIVES
With approval of an advisor, select 4 credits.

_____	Approved College Credit Electives	6
Total Program Credits Required		64

MULTIMEDIA TECHNOLOGY **A.A.S.**

GENERAL EDUCATION
Select one course from each category; see page 68.

		College Credits
_____	Communications	3
_____	Humanities	3
_____	Mathematics	3
_____	Science	4
_____	Social Science	3
_____	General Education Electives.....	2
Total General Education Credits Required		18

CORE COURSES

GRA 1820C	Desktop Publishing I	3
ART 1480C	Computer Art I	3
GRA 2800C	Computer Graphics I	4
ART 2600C	Digital Imaging I	4

Total Core Credits Required 14

TECHNICAL ELECTIVES
With the approval of an advisor, select 32 credits from the following:

ART 1500C	Corporate Imagery	4
ART 2602	Digital Imaging	4
GRA 2841C	Web Publishing I	4
ART 2610C	Multimedia I	4
ART 2609C	Multimedia II	4
GRA 2547C	Projects in Graphic Arts	3
GRA 2805C	Advanced Graphics Projects	4
EME 2040	Introduction to Education Technology ..	3
_____	Approved College Credit Electives	_

Total Technical Electives Required 32

Total Program Credits Required 64

NETWORK SERVICES TECHNOLOGY **A.A.S.**

Students may apply selected credits from this program to the requirements of the college credit Computer Programming Certificate.

GENERAL EDUCATION
Select one course from each category, see page 68.

		College Credits
_____	Communications	3
_____	Humanities	3
_____	Mathematics	3
_____	Science	4
_____	Social Science	3
_____	General Education Electives.....	2

Total General Education Credits Required 18

CORE COURSES

CIS 1000	Introduction to Computer Science.....	3
CGS 2564	Introduction to Windows	3
CGS 1550	Introduction to the World Wide Web ...	3
CET 1510	Network Essentials	3
CDA 2500	Network Technology	3
CDA 2524	Network Administration	3
CDA 2525	Advanced Network Administration	3
CET 2497	TCP/IP	3

Total Core Credits Required 24

A.S. & A.A.S. DEGREE PROGRAMS

TECHNICAL ELECTIVES

With the help of an advisor, select 21 credits from the following:

COP 2220	Programming in C	3
COP 2010	Visual Basic	3
COP 2800	Java	3
CDA _____	Any College Credit CDA Prefix Course(s)	—
CET _____	Approved College Credit CET Prefix Course(s)	—
EET _____	Approved College Credit EET Prefix Course(s)	—
CIS 1940	Internship in Computer Science	3-6
GEB 1940	Internship in Business	3
_____	Approved College Credit Elective(s)	—

Total Technical Credits Required . . . 21

Total Program Credits Required 63

OFFICE SYSTEMS TECHNOLOGY

A.A.S.

Students who successfully complete 30 credits, including the core of this program, are eligible to receive the college credit Office Systems Specialist Certificate.

GENERAL EDUCATION

Select one course from each category, see page 68.

		College Credits
_____	Communications	3
_____	Humanities	3
_____	Mathematics	3
_____	Science	4
_____	Social Science	3
_____	General Education Electives	2

Total General Education Credits Required 18

CORE COURSES

CGS 1100	Microcomputer Applications	3
CGS 1570	Microcomputer Applications for Business	3
GEB 1011	Introduction to Business	3
ENC 1200	Effective Business Writing or	
OST 2335	Business Communications	3
OST 2401	General Office Management	3
OST 1355	Records Management	3
OST 1107	Word Processing I	3
OST 2117	Word Processing II	3

Total Core Credits Required 24

GENERAL OFFICE SYSTEMS OPTION

With the help of an advisor, select 21 credits from the following:

CGS 2564	Introduction to Windows	3
CGS 1550	Introduction to the World Wide Web	3
MTB 1103	Business Math	3
GEB 1940	Internship	3-6
ACG 2001	Accounting I	3
BUL 2241	Business Law I	3
MNA 1345	Supervision	3
GEB 2441	Business Ethics	3
_____	Other Approved College Credit Elective(s)	6

Total Technical Credits Required . . . 21

Total Program Credits Required for the General Office Systems Option 64

LEGAL SECRETARY OPTION

With approval of an advisor, select 21 credits from the following:

PLA 1013	Introduction to the Legal System	3
PLA 1051	Legal Terminology	3
GEB 1940	Internship	3-6
BUL 2241	Business Law I	3
BUL 2242	Business Law II	3
PLA 1203	Introduction to Civil Law	3
PLA 1105	Legal Research	3
PLA 1104	Case Analysis and Legal Writing	3
PLA 2263	Evidence	3
PLA 1804	Family Law	3

Total Technical Credits Required . . . 21

Total Program Credits Required for the Legal Secretary Option 63

MEDICAL SECRETARY OPTION

With approval of an advisor, select 21 credits from the following:

HSC 1531	Medical Terminology*	3
HSC 1100	Health Education	3
HSC 1400	First Aid	3
_____	Medical Office Procedures I*	3
_____	Medical Office Procedures II*	3
_____	Other college credit HSC, MEA, MRE, or OST course	—
BUL 2441	Business Law	3
GEB 2441	Business Ethics	3
GEB 1940	Business/Office Internship	3-9

Total Technical Credits Required . . . 21

Total Program Credits Required for the Medical Secretary Option 63

*Required courses for this option.

**RECORDING ARTS
TECHNOLOGY** **A.A.S.**

GENERAL EDUCATION

Select one course from each category; see page 68.

	College Credits
_____ Communications	3
_____ Humanities	3
_____ Mathematics	3
_____ Science	4
_____ Social Science	3
_____ General Education Electives	2

**Total General Education Credits
Required 18**

CORE COURSES

MUM 2300	Introduction to the Music Industry	3
MUM 2600	Recording Techniques I	3
MUM 2601	Recording Techniques II	3
MUM 2604	Multi-Track Mixdown (Post Production)	3
MUM 2600L	Recording Lab	3
MUT 1121	Music Theory I	3
MUT 1122	Music Theory II	3
MUT 2126	Music Theory III	3
MUT 2127	Music Theory IV	3
MUH 1011	Humanities – Music	3
MVV 1211	Applied Voice	2-4
MVK 1211	Applied Piano	2-4
_____	Approved College Credit Course(s)	_

Total Core Credits Required 46

Total Program Credits Required 64

RECREATION TECHNOLOGY **A.S.**

GENERAL EDUCATION

Select one course from each category; see page 68.

	College Credits
_____ Communications	3
_____ Humanities	3
_____ Mathematics	3
_____ Science	4
_____ Social Science	3
_____ General Education Electives	2

**Total General Education Credits
Required 18**

CORE COURSES

PET 1000	Introduction to Physical Education	3
PET 2622	Care and Prevention of Athletic Injuries	3
HSC 1100	Health Education	3
HLP 1081	Wellness	3
PEM 1131A	Strength Training	3
HSC 1400	First Aid	3
HUN 2201	Nutrition	3
_____	Selected Activity Courses	4

Total Core Credits Required 25

TECHNICAL ELECTIVES

With the approval of an advisor, select at least 21 credits from the following:

SLS 1501	Effective Study	1
CGS 1100	Microcomputer Applications	3
SPC 1600	Speech	3
THE 2000	Humanities – Theatre	3
SYG 2000	Sociology	3
DEP 2004	Human Growth and Development	3
MNA 2100	Organizational Behavior	3
FAD 1123	Adults in a Changing Society	3
ORI 2000	Oral Interpretation	3
SYG 2010	Social Problems	3
EDF 1005	Introduction to Education	3
_____	Approved College Credit Course(s)	_
_____	Selected Activity Courses	4

**Total Technical Elective Credits
Required 21**

Total Program Credits Required 64

**THEATER AND ENTERTAINMENT
TECHNOLOGY** **A.A.S.**

GENERAL EDUCATION

Select one course from each category, see page 68.

_____ Communications	3
_____ Humanities	3
_____ Mathematics	3
_____ Science	4
_____ Social Science	3
_____ General Education Electives	2

**Total General Education
Credits Required 18**

ACTING SPECIALIZATION OPTION

CORE COURSES

THE 2000	Humanities Theatre	3
THE 2300	Dramatic Literature	3
TPA 1210	Stagecraft	3
TPP 2110	Acting I	3
TPP 2111	Acting II	3
TPP 2310	Directing I	3
TPP 1190	Rehearsal and Performance I	3
HUM 2920	Humanities Colloquium	1
MVV 1211	Voice	2-4
DAA ____	Ballet, Modern, Jazz, Tap	2-4

Total Core Credits Required 26-30

TECHNICAL ELECTIVES

With the approval of an advisor, select 16-20 credits from the following:

THE 2071	Humanities Cinema Appreciation	3
THE 2080	Amateur Theatre	3
THE 2320	Introduction to Creative Dramatics	3
TPA 1190	Technical Theatre I (Scenic)	3
TPA 2220	Technical Theatre II (Lighting)	3
TPA 2232	Introduction to Costuming	3
TPP 2112	Acting III	3
TPP 2113	Acting IV	3
TPP 1191	Rehearsal and Performance II	3
TPP 1192	Rehearsal and Performance III	3
TPP 2311	Directing II	3
____	Other Approved College Credit Electives	____

**Total Technical Elective Credits
Required 16-20**

Note: A proficiency exam may be required in major emphasis area(s).

Total Program Credits Required 64

DANCE SPECIALIZATION OPTION

CORE COURSES

DAA 1200	Beginning Ballet I	4-8
DAA 1201	Intermediate Ballet	4-8
DAA 1100	Beginning Modern Dance	4-8
DAA 1101	Intermediate Modern Dance	4-8
DAA 2610	Composition and Improvisation	2
DAA ____	Performance (Ensembles)	2-4

Total Core Credits Required 20-38

TECHNICAL ELECTIVES

With the approval of an advisor, select 8-26 credits from the following:

DAA 1681	Dance Ensemble	1-4
DAA 1500	Jazz Dance I	1-4
DAA 1501	Intermediate Jazz Dance	1-4
DAA 1680	Dance Workshop I	1-4
DAA 2682	Dance Workshop II	1-4
DAA 1600	Tap I	1-4
TPA 1210	Stagecraft	3
TPA 2232	Introduction to Costuming	3
TPA 2220	Technical Theatre II	3
____	Other Approved College Credit Elective(s)	____

**Total Technical Elective Credits
Required 8-26**

Note: A proficiency exam may be required in major emphasis area(s).

**Total Program Credits Required
Dance Specialization Option 64**

MUSICAL THEATER OPTION

CORE COURSES

MUT 1121	Music Theory I	3
MUT 1122	Music Theory II	3
MUT 2126	Music Theory III	3
MUT 2127	Music Theory IV	3
MVK 1211	Applied Piano I	2-4
MVK 2221	Applied Piano II	2-4
HUM 2920	Humanities Colloquium I	1
MUN ____	Music Ensembles	4

Total Core Credits Required 21-24

TECHNICAL ELECTIVES

With the approval of an advisor, select 22-25 credits from the following:

MUN 1000	Summer Ensemble I	3
MUN 1001	Summer Ensemble II	3
MUN 1002	Summer Ensemble III	3
MUN 1003	Summer Ensemble IV	3
MUT 1001	Fundamentals of Music	3
MUT 1641	Jazz Improvisation I	2
MUT 2642	Jazz Improvisation II	2
MUT 2351	Jazz Theory & Arranging	3
MUN ____	Music Ensembles (as needed)	4-12
M ____	Applied Music	4-12
DAA ____	Ballet, Jazz, Modern	4-12
____	Other Approved Elective(s)	____

**Total Technical Elective Credits
Required 22-25**

Note: A proficiency exam may be required in major emphasis area(s).

**Total Program Credits Required
Musical Theatre Specialization Option 64**

TECHNICAL PRODUCTION OPTION

CORE COURSES

THE 2000	Humanities Theatre	3
THE 2300	Dramatic Literature.	3
TPA 1210	Stagecraft	3
TPA 1290	Technical Theatre I (Scenic)	3
TPA 2220	Technical Theatre II (Lighting).	3
TPP 2110	Acting I	3
TPP 2600	Stage Management	3
HUM 2920	Humanities Colloquium	1

Total Core Credits Required 22

TECHNICAL ELECTIVES

With the approval of an advisor, select 24 credits from the following:

THE 2071	Humanities Cinema Appreciation	3
THE 2080	Amateur Theatre	3
THE 2320	Introduction to Creative Dramatics	3
TPA 2232	Introduction to Costuming.	3
TPP 2211	Acting II	3
TPP 2112	Acting III	3
TPP 2113	Acting IV	3
TPP 1190	Rehearsal and Performance I.	3
TPP 1191	Rehearsal and Performance II	3
TPP 1192	Rehearsal and Performance III	3
TPP 2311	Directing II	3
_____	Other Approved Elective.	_____

Total Technical Elective Credits Required 24

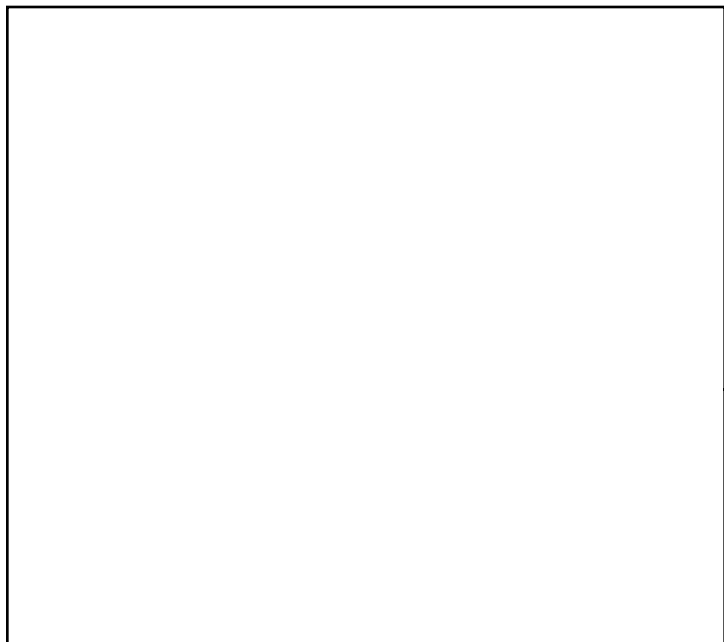
Note: A proficiency exam may be required in major emphasis area(s).

Total Program Credits Required 64

❖ Nursing – Program Partnership with Pensacola Junior College

In addition to the Pre-Nursing A.A. Degree, the Department of Science coordinates a Nursing Career Mobility Program through a special agreement with Pensacola Junior College (PJC). The program is designed to provide an educational career ladder for Licensed Practical Nurses to earn the A.S. Degree in Nursing and become Registered Nurses. All pre-nursing courses are offered at the OWCC Fort Walton Beach Campus, with the exception of NUR 2710C Career Mobility Nursing Concepts, which must be completed at Pensacola Junior College. Lab assignments are completed in local area hospitals. General Education courses for the program may be completed at the various OWCC locations. Interested individuals without the LPN certificate would need to attend selected courses on the PJC Warrington Campus. For additional information, contact OWCC Counseling, or call the PJC Department of Nursing at (850) 484-2278.

Beginning with the Fall 2001 Term, OWCC plans to offer a complete Registered Nursing Program (A.S. Degree) at the Niceville Campus. Students will enroll in all classes through OWCC and successful completers will be graduated from OWCC. For information, please contact the Director of Nursing or the Office of Technical Education.



OWCC will begin a Health Technology Program which will include a Registered Nursing degree in Fall 2001.