

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

The Associate of Science (A.S.) and Associate of Applied Science (A.A.S.) Degrees are designed to prepare students for employment in a technical or semi-professional capacity. Both the A.S. and A.A.S. Degrees are two-year programs containing a general education component of at least 18 general education courses in five subject area categories and at least 42 college credits in a specific technical or professional skill area. Although neither program is generally intended for transfer, many students elect to pursue upper division studies after completing the A.S. or A.A.S. Degree. To that end, the general education requirements for the A.S. Degree are restricted to transferable credits which also satisfy Gordon Rule standards and minimum grade requirements for the Florida State University System. General education courses for the A.A.S. Degree are broader and more flexible.

A.S. & A.A.S. Degrees Offered at OWCC

Okaloosa-Walton Community College offers twenty-one separate A.S. and A.A.S. programs, several of which contain specialization options.

Associate of Applied Science Degrees

- Architectural Design and Construction Technology
 - Architectural Design Option
 - Building Construction Option
- Business Administration
 - e-Business Option
 - Management Option
 - Marketing Option
- Computer Engineering Technology
 - CISCO Academy Option
 - Computer Network Engineering Option
 - Microsoft IT Academy (MCSE/MCSA) Option
 - TIA A+ Option
- Criminal Justice Technology
 - Criminal Justice Option
 - Law Enforcement/Corrections Academy Option
- Customer Relationship Management
- Digital Media/Multimedia Technology
- Drafting and Design Technology
 - CAD/CAM Option
 - Mechanical Design Option
 - Technical Illustration Option
- Early Childhood Education
- E-Business Technology
- Graphics Technology
 - Commercial Design Option
 - Computer Graphics Option
 - Visual Artist Option
- Industrial Management Technology
- Manufacturing Technology
- Music Production Technology
- Networking Services Technology

- Office Administration
 - General Office Administration Option
 - Legal Office Administration Option
 - Medical Information Coder/Biller Option
 - Medical Office Administration Option
- Theater and Entertainment Technology
 - Acting Specialization Option
 - Dance Specialization Option
 - Musical Theater Option
 - Technical Theater Option

Associate of Science Degrees

- Accounting Technology
- Computer Information Technology
- Computer Programming and Analysis
- Nursing (RN)
- Recreation Technology

Companion Certificate Programs

Many of the technical certificate programs offered by OWCC provide the initial step in meeting selected course requirements for an A.S. or an A.A.S. degree in a related area. Courses from those certificates are the same as or equivalent to comparable courses in the companion degree program. Likewise, courses used in the degree program may be applied to a certificate in a related area; in many cases, completion of the technical courses in the degree program can automatically qualify the student to receive the companion certificate or A.T.D. Students should work closely with an advisor to plan their studies in order to take advantage of both curricular options.

A.S. & A.A.S. Degree Program Requirements

A.S. degree students must satisfy the following requirements.

1. Complete the A.S. or A.A.S. general education courses as appropriate to the program of study, including Speaking-Across-the-Curriculum and computer literacy requirements. (Note: A.S. Degree seekers must also meet Gordon Rule course and minimum grade requirements.)
2. Complete the technical core courses and technical elective courses specified in the degree program.
3. Complete at least fifteen credits of the program at OWCC.
4. Maintain minimum GPA standards as specified in the graduation requirements section of this catalog.
5. Satisfy all other program and college graduation requirements.

NOTE: A.S. students who intend to transfer to an upper-division institution in the Florida system must also satisfy College Level Academic Skills Test (CLAST) requirements.

Customizing an A.S. or A.A.S. Degree Program to Meet a Specific Career Goal

In order to provide a student with the strongest technical background feasible, some technical courses within a given degree program may be adjusted to meet the student's targeted career goal. In these special cases, course substitutions may be approved upon request of the appropriate department chair to the Vice President for Instruction.



▲ *OWCC Graphic student labs are equipped with the latest in Macintosh computer hardware and major vendor design software to train students in the latest technology.*

◀ *Drafting and Design Technology includes an option for Computer Aided Design (CAD/CAM).*

A.S. and A.A.S. DEGREE GENERAL EDUCATION REQUIREMENTS

All A.S. and A.A.S. degree programs at OWCC require a minimum of eighteen (18) college credits in general education. Unless otherwise specified in the program requirements, students must complete one course from each of the following categories to meet general education requirements. A.S. degree-seeking students must also meet Gordon Rule course and minimum grade requirements. **A.S. and A.A.S. degree seekers must also satisfy the general education oral communication and computer literacy requirements described on page 59.**

A.S. AND A.A.S. DEGREE GENERAL EDUCATION COURSE REQUIREMENTS

General Education Category	Number of College Credits Required	Course Selections ¹
Communication Skills	3	ENC 1101, ENC 1102, ENC 2210 , LIN 1670 , LIN 1742
Humanities	3	ARH 2050, ARH 2051, ARH 2060, ARH 2411, HUM 1020, MUH 1001, PHI 2600, THE 2000, THE 2071, THE 2300
Mathematics	3	MAC 1105, MAC 1140, MAC 1114, MAC 1147, MAC 2311, MAC 2312, MAC 2313, MAC 2233, MAP 2302, MAS 2103, MAT 1033A , MGF 1106, MGF 1107, MTB 1321 , MTB 1322 , STA 2023 MTB 1103 can only be used for the following A.A.S. degrees: <ul style="list-style-type: none"> • Criminal Justice Technology • Digital Media/Multimedia Technology • Early Childhood Education • Graphics Technology • Industrial Management Technology • Music Production Technology • Theater & Entertainment Technology
Science	4	AST 1002, BOT 1010C, BSC 1005, BSC 1010C, BSC 1011C, BSC 1085C, BSC 1086C, CHM 1020, CHM 1045C, CHM 1046C, GLY 1001, GLY 2010C, GLY 2100C, MET 1010, OCE 1005C, PCB 2011C, PHY 1020, PHY 1053C, PHY 1054C, PHY 2048C, PHY 2049C, REL 2163 , ZOO 1010C
Social Science	3	AMH 1041, AMH 2010, AMH 2020, ANT 2000, ANT, 2100, ECO 2013, GEA 1000, POS 1041, POT 1002, PSY 2012, SYG 2000, SYG 2010, WOH 1012, WOH 1022, WOH 2040
General Education Electives	2	CGS 1060, CGS 1100, SPC 1600, ENC 2210 , BSC 1080 , SLS 1101, HUN 2201, BSC 1250C, or any other A.A. General Education Course listed on pages 64 and 65.
Total General Education Credits Required	18	

¹**NOTE:** Courses printed in **Bold Italic** type are applicable to A.A.S. programs only and will not meet general education requirements for the A.S. degree.

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

ACCOUNTING TECHNOLOGY **A.S.**

Admission Program Objective Code 2370

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 76.

	College Credits
ENC 1101 Communications.....3 <small>or higher English course</small>	3
_____ Humanities	3
MAC 1105 Mathematics	3
<small>or higher/comparable math course</small>	
_____ 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:

CTS 2101 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
OST 2335 Business Communications.....	3
MAN 2021 Management	3
STA 2023 Statistics	3
CDA 2500 Network Technology	3
GEB 1940 Internship-Business.....	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.**

Admission Program Objective Code A540

GENERAL EDUCATION

Select one course from each category; see page 76.

	College Credits
LIN 1670 Communications.....3 <small>or higher English course</small>	3
_____ Humanities	3
MAT 1033A Mathematics	3
<small>or higher math course</small>	
_____ 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
SUR 2100C Surveying I	3
ARC 2303A Design 2.1	6

Total Core Credits Required.....27

ARCHITECTURAL DESIGN OPTION

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

BCN 2231 Building Construction Materials & Processes II.....	3
ARC 2201 Theory of Architecture	3
ARC 2304 Design 2.2	6
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 2328C Introduction to Microstation	3
ETD 2355C Auto CAD 3D Modeling II.....	3
ETD 1842C Computer Rendering I.....	3
ETD 2843C Computer Rendering II.....	3
ETD 2377C 3D Studio Max I.....	3
CTS 2101 Introduction to Windows.....	3
SUR 2140C Surveying II	3
TAR 2121C Architectural Drafting.....	3
ARC 1311 Architectural Presentations	3
_____ Approved College Credit Course(s)	_____

**Total Technical Elective Credits
Required.....21**

**Total Program Credits Required
for Architectural Design Option.....66**

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

BUILDING CONSTRUCTION OPTION

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

BCN 2231	Building Construction Materials & Processes II.....	3
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
BCN 1730	Construction Safety and Health	3
BCT 2611	Structural Systems in Construction	3
BUL 2241	Business Law I	3
ETD 2542	Structural Drafting I	3
ETD 2543C	Structural Drafting II	3
ETD 2843C	Computer Rendering II.....	3
SUR 2140C	Surveying II	3
CTS 2101	Introduction to Windows.....	3
TAR 2121C	Architectural Drafting.....	3
ARC 1311	Architectural Presentations	3
_____	Approved College Credit Course(s)	_____

Total Technical Elective Credits Required.....21

Total Program Credits Required for Building Technology Option66

BUSINESS ADMINISTRATION A.A.S.

Admission Program Objective Code A380

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

GENERAL EDUCATION

Select one course from each category; see page 76.

	College Credits	
LIN 1670	Communications.....	3
	<small>or higher English course</small>	
_____	Humanities	3
MAT 1033A	Mathematics	3
	<small>or higher math course</small>	
_____	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

MANAGEMENT OPTION

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

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
CTS 2101	Introduction to Windows.....	3
GEB 2441	Business Ethics	3
MKA 2021	Professional Selling.....	3
MKA 2401	Retail Management	3
GEB 1940	Internship-Business.....	3
_____	Approved College Credit Course(s)	_____

Total Technical Electives Required..... 22

Total Program Credits Required For Management Option.....64

MARKETING OPTION

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

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
CTS 2101	Introduction to Windows.....	3
GEB 2441	Business Ethics	3
MKA 2041	Retail Management	3
GEB 1940	Internship-Business.....	3
_____	Approved College Credit Course(s)	_____

Total Technical Electives Required.....22

Total Program Credits Required for the Marketing Option.....64

e- BUSINESS OPTION

REQUIRED COURSES

GEB 1136	Foundations of e-Business.....	3
GEB 2137	e-Business Models and Strategies.....	3
GEB 2138	e-Business Law and Ethics	3
CGS 1550	Introduction to the World Wide Web	3

Total Core Credits Required For This Option12

With the approval of an advisor, select at least 10 credits from the following:

CGS 1843	Intro to E-Commerce.....	3
CGS 2820	Web Authoring with HTML.....	3
CGS 1172	Web-Based Programming I.....	3
CGS 2173	Web-Based Programming II.....	3
MAR 2011	Introduction to Marketing.....	3
MKA 2041	Retail Management.....	3
MKA 2511	Introduction to Advertising.....	3
OST 2335	Business Communication.....	3
GEB 1940	Internship – Business.....	3
CIS 1940	Internship – Computer Science.....	3

Total Core and Technical Electives Required.....22

Total Program Credits Required for the e-Business Option.....64

COMPUTER ENGINEERING TECHNOLOGY A.A.S.

Admission Program Objective Code **A140**

GENERAL EDUCATION

Select one course from each category; see page 76.

	College Credits
LIN 1670 or higher English course	Communications.....3
_____	Humanities.....3
MAT 1033A or higher math course	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
	or	
COP 1006	Intro to Programming Concepts & Logic.....	3
CDA 2500	Network Technology.....	3
CET 2497	Windows Network Infrastructure.....	3
CET 2173C	Microcomputer Servicing.....	4
COP ____	Programming (VBasic, C, etc.).....	3

Total Core Credits Required.....16

COMPUTER NETWORK ENGINEERING OPTION

With the approval of an advisor, select at least 34 credits from the following:

CIS 1000	Introduction to Computer Science.....	3
	or	
COP 1006	Intro to Programming Concepts & Logic.....	3
CIS 1940	Internship in Computer Studies.....	3
CET 2114C	Digital Fundamentals.....	4
CET 2123C	Microprocessor Fundamentals.....	4
CET 2154C	Microcomputer Troubleshooting and Networking.....	4
COP ____	Programming Elective (s).....	__
CDA ____	Networking Elective (s).....	__
CGS ____	Computer Science Elective (s).....	__
CIS ____	Computer Science Elective (s).....	__
CET ____	Approved Certification Elective(s).....	__
ETG ____	Technical Internship.....	__
____	Approved College Credit Electives.....	__

Total Technical Credits Required.....34

Total Program Credits Required for the Computer Engineering Option.....68

CISCO ACADEMY (CCNA) OPTION

The first four courses listed under the technical requirements comprise the Cisco Academy curriculum. Successful completion of these twelve credits is designed to prepare the student for CCNA certification. Students who complete the twelve technical requirements for this option may also be eligible to receive the Cisco CCNA college credit certificate. The remaining twenty-two credits in this option will allow the student to complete the A.A.S. degree program.

TECHNICAL REQUIREMENTS

CET 1600C	Network Fundamentals.....	3
CET 1610C	Router Theory.....	3
CET 2615C	Advanced Router Theory.....	3
CET 2620C	Project Based Routing Design and Administration.....	3

Total Technical Requirements.....12

CISCO ACADEMY (CCNA) OPTION, continued

TECHNICAL ELECTIVES

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

CIS 1000	Introduction to Computer Science.....3
COP 1006	Intro to Programming Concepts & Logic3
CET 1630	Network Cabling (Copper Cabling)3
CET 1632	Fiber Cabling3
CIS 1940	Internship in Computer Studies.....3
CET 2114C	Digital Fundamentals.....4
CET 2123C	Microprocessor Fundamentals.....4
CET 2154C	Microcomputer Troubleshooting and Networking4
CDA 2524	Novell Admin I3
CDA 2529	Novell Admin II3
CDA 2523	Windows Professional.....3
CDA 2525	Windows Server3
CET 2625	CISCO Network Design3
COP ____	Programming Elective (s).....__
CGS ____	Computer Science Elective (s).....__
CIS ____	Computer Science Elective (s).....__
ETG ____	Technical Internship.....__
____	Approved College Credit Electives.....__

**Total Technical Electives
Required.....22**

**Total Technical Credits
Required.....34**

**Total Program Credits Required for the
Cisco Academy Certification Option.....68**

MICROSOFT IT ACADEMY (MCSE) OPTION

The first eight (8) courses listed under the technical requirements comprise the MCSE Academy curriculum. Two are part of the core portion of the Computer Engineering Technology degree. Successful completion of these twenty-four credits is designed to prepare the student for MCSE certification. The remaining sixteen credits in this option will allow the student to complete the A.A.S. degree program.

TECHNICAL REQUIREMENTS

CDA 2500	Network Technology3
CDA 2523	Windows Professional.....3
CDA 2525	Windows Server3
CET 2497	Windows Network Infrastructure3
CTS 2302	Windows Directory Infrastructure3
CTS 2310	Designing Security for Windows Network3
CTS 2300	Designing a Windows Network Services Infrastructure3
CTS 2320	Managing Windows Network Environment.....3

Total Technical Requirements.....24

TECHNICAL ELECTIVES

With the approval of an advisor, select at least 16 credits from the following:

CIS 1940	Internship in Computer Studies.....3
CET 2114C	Digital Fundamentals.....4
CET 2123C	Microprocessor Fundamentals.....4
CET 2154C	Microcomputer Troubleshooting and Networking4
CGS 1760	Fundamentals of UNIX.....3
CGS 2763	UNIX Administration3
CDA 2524	Novell Admin I3
CDA 2529	Novell Admin II3
CGS ____	Computer Science Elective (s).....__
COP ____	Programming Elective (s).....__
CIS ____	Computer Science Elective (s).....__
ETG ____	Technical Internship.....__
____	Approved College Credit Electives.....__

**Total Technical Electives
Required.....16**

**Total Technical Credits
Required.....34**

**Total Program Credits Required for the
Microsoft IT Academy (MCSE) Option68**



OWCC is an Authorized Prometric Testing Center, providing students and the community official testing for various information technology (IT) certifications. The OWCC Professional Certification Test Center is located on the Niceville campus in Building B. Exams available through the OWCC test center include Microsoft, Cisco, CompTIA, Oracle, Intel, Novell and Citrix and many other IT industry sponsors.

COMP TIA A+ CERTIFICATION OPTION

The first two courses listed under the technical requirements comprise the COMP TIA A+ curriculum. Successful completion of these six credits is designed to prepare the student for COMP TIA A+ certification. The remaining twenty-eight credits in this option will allow the student to complete the A.A.S. degree program.

TECHNICAL REQUIREMENTS

CET 2171C	PC Hardware A+	3
CET 2178C	PC Operating System	3

Total Technical Requirements.....6

TECHNICAL ELECTIVES

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

CIS 1000	Introduction to Computer Science.....	3
COP 1006	Intro to Programming Concepts & Logic	3
CET 1630	Network Cabling (Copper Cabling)	3
CET 1632	Fiber Cabling	3
CIS 1940	Internship in Computer Studies.....	3
CET 2114C	Digital Fundamentals.....	4
CET 2123C	Microprocessor Fundamentals.....	4
CET 2154C	Microcomputer Troubleshooting and Networking	4
CDA 2524	Novell Admin I	3
CDA 2529	Novell Admin II	3
CDA 2523	Windows Professional.....	3
CDA 2525	Windows Server	3
CGS ____	Computer Science Elective (s).....	____
COP ____	Programming Elective (s).....	____
CIS ____	Computer Science Elective (s).....	____
ETG ____	Technical Internship.....	____
____ ____	Approved College Credit Electives.....	____

**Total Technical Electives
Required.....28**

**Total Technical Credits
Required.....34**

**Total Program Credits Required for the
Comp TIA A+ Certification Option68**

**COMPUTER INFORMATION
TECHNOLOGY**

A.S.

Admission Program Objective Code 2040

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 76.

	College Credits
ENC 1101 Communications.....	3
or higher English course	
____ ____ Humanities	3
MAC 1105 Mathematics	3
or higher/comparable math course	
____ ____ Science.....	4
____ ____ Social Science.....	3
____ ____ General Education Electives	2

**Total General Education Courses
Required.....18**

CORE COURSES

COP 1006	Intro to Programming Concepts and Logic	3
CGS 1100	Microcomputer Applications	3
CDA 2500	Network Technology	3
CGS 1550	Introduction to the World Wide Web	3
CTS 2101	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:

CIS 1000	Introduction to Computer Science.....	3
CDA 2525	Windows Server	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	Internship in Computer Studies.....	3
GEB 1940	Internship-Business	3
OST ____	Approved College Credit OST Course(s)	____
____ ____	College Credit Elective(s).....	6

**Total Technical Electives
Required.....24**

Total Program Credits Required63

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

COMPUTER PROGRAMMING AND ANALYSIS **A.S.**

Admission Program Objective Code 2045

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 76.

	College Credits
ENC 1101 Communications..... <small>or higher English course</small>	3
_____ Humanities	3
MAC 1105 Mathematics	3
<small>or higher/comparable course</small>	
_____ Science.....	4
_____ Social Science.....	3
_____ General Education Electives	2
Total General Education Credits Required.....	18

CORE COURSES

COP 1006 Intro to Programming Concepts & Logic	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
CTS 2101 Introduction to Windows.....	3
COP 2220 Programming in C	3
COP 2800 Java	3
COP 2224 C++.....	3
COP 2010 Visual Basic.....	3
Total Core Credits Required.....	27

TECHNICAL ELECTIVES

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

CIS 1000 Introduction to Computer Science.....	3
COP 2210 Programming in Pascal.....	3
COP 2120 COBOL Programming	3
COP 2200 Fortran Programming	3
COP 2011 Adv App Programming in Visual Basic...3	3
CIS 1940 Internship in Computer Studies.....	3-6
<small>(can be completed two times for credit)</small>	
CDA _____ Approved College Credit CDA Course(s)	_____
COP _____ Approved College Credit COP Course(s)	_____
CIS _____ Approved College Credit CIS Course(s)	_____
CET _____ Approved College Credit CET Course(s)	_____
_____ Approved College Credit Electives	3-6
Total Technical Electives Required.....	18

Total Program Credits Required.....63

CRIMINAL JUSTICE TECHNOLOGY **A.A.S.**

Admission Program Objective Code A090

GENERAL EDUCATION
Select one course from each category; see page 76.

	College Credits
LIN 1670 Communications..... <small>or higher English course</small>	3
_____ Humanities	3
MTB 1103 Mathematics	3
<small>or higher math course</small>	
_____ 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
CJL 1100 Criminal Law.....	3
CJL 1400 Criminal Procedures.....	3

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

CJT 2140 Introduction to Criminalistics	3
CJE 1440 Crime Prevention.....	3
CCJ 1192 Crisis Intervention.....	3
CJE 1300 Police Organization & Administration	3
CCJ 1611 Child Abuse	3
CCJ 1941 Internship – Criminal Justice	3
CJC 2162 Introduction to Probation and Parole.....	3
CJD 2605 Traffic Homicide.....	3
CJL 2500 Courts/Criminal Process.....	3
CJC 2000 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.....	2
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**

**CUSTOMER RELATIONSHIP
MANAGEMENT A.A.S.**

Admission Program Objective Code **A570**

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

GENERAL EDUCATION

Select one course from each category; see page 76.

		College Credits
LIN 1670	Communications.....	3
_____	or higher English course	
_____	Humanities.....	3
MAT 1033A	Mathematics.....	3
_____	or higher math course	
_____	Science.....	4
_____	Social Science.....	3
_____	General Education Electives.....	2

**Total General Education Credits
Required.....18**

CORE COURSES

MAN 1161	Customer Service.....	3
GEB 1011	Introduction to Business.....	3
MAR 2011	Introduction to Marketing.....	3
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 15 credits from the following:

GEB 1940	Internship-Business.....	3-6
	(can be completed two times for credit)	
BUL 2241	Business Law I.....	3
MKA 2041	Retail Management.....	3
MAN 2300	Personnel Management.....	3
MAN 2021	Management.....	3
_____	Other College Credit Elective(s).....	6

**Total Technical Electives
Required.....15**

Total Program Credits Required.....60

**DIGITAL MEDIA/
MULTIMEDIA TECHNOLOGY A.A.S.**

Admission Program Objective Code **A580**

Students who complete selected courses from the core and technical electives in this program may also be able to receive the college credit certificates in Digital Media/Multimedia Authoring, Digital Media/Multimedia Presentation, and/or Digital Media/Multimedia Production.

GENERAL EDUCATION

Select one course from each category; see page 76.

		College Credits
LIN 1670	Communications.....	3
_____	or higher English course	
_____	Humanities.....	3
MTB 1103	Mathematics.....	3
_____	or higher math course	
_____	Science.....	4
_____	Social Science.....	3
_____	General Education Electives.....	2

**Total General Education Credits
Required.....18**

Digital Media/Multimedia Technology, continued

CORE COURSES

	College Credits
GRA 1121C Desktop Publishing I	3
ART 1600C Computer Art I	3
GRA 2100C Computer Graphics I	4
ART 2602C Digital Imaging I	4
GRA 2140C Multimedia I	4
GRA 2141C Multimedia II	4
PGY 1801C Digital Photography I	4
Total Core Credits Required.....	26

TECHNICAL ELECTIVES

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

ART 1495C Corporate Imagery	4
ART 2603C Digital Imaging II	4
GRA 2142C Web Design/Graphics	4
GRA 2164C Advanced Graphics Projects	4
PGY 2802C Digital Photography II	4
_____ Any College Credit ART or GRA Course.....	—
_____ Approved College Credit Electives.....	—
Total Technical Electives Required.....	20

Total Program Credits Required64

DRAFTING AND DESIGN TECHNOLOGY A.A.S.

Admission Program Objective Code **A050**

Students who complete the AutoCAD course series may be eligible to receive the college credit certificate in AutoCAD Foundations.

GENERAL EDUCATION

Select one course from each category; see page 76.

	College Credits
LIN 1670 Communications.....	3
or higher English course	
_____ Humanities	3
MAT 1033A Mathematics	3
or higher math course	
_____ 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:

EET 1003C Electronics for Drafters.....	3
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
_____ 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:

EET 1003C Electronics for Drafters.....	3
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 Option62

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:

EET 1003	Electronics for Drafters.....	3
EGS 1110C	Engineering Graphics.....	3
EGS 1130C	Descriptive Geometry.....	3
ETD 1801	Technical Illustrations.....	3
ETD 2801	Technical Illustrations II.....	3
ETD 1811C	Corel Draw I.....	3
ETD 1842C	Computer Rendering I.....	3
ETD 2843C	Computer Rendering II.....	3
GRA 1121C	Desktop Publishing I.....	3
GRA 1122C	Desktop Publishing II.....	3
GRA 2100C	Computer Graphics I.....	4
GRA 2156C	Computer Graphics II.....	4
ETD 2377C	3D Studio Max I.....	3
_____	Approved College Credit Course(s).....	_____

Total Technical Elective Credits Required.....26

Total Program Credits Required for Technical Illustration Option.....62

***E-BUSINESS TECHNOLOGY* A.A.S.**

Admission Program Objective Code A150

Students who complete selected technical courses for this degree may also be able to receive the college credit certificates in E-Business, E-Business Software, and/or E-Business Technology.

GENERAL EDUCATION

Select one course from each category; see page 76.

		College Credits
LIN 1670	Communications.....	3
	or higher English course	
_____	Humanities.....	3
MAT 1033A	Mathematics.....	3
	or higher math course	
_____	Science.....	4
_____	Social Science.....	3
_____	General Education Electives.....	2

Total General Education Credits Required.....18

CORE COURSES

CGS 1843	Intro to E-Commerce.....	_____
	Or	
GEB 1136	Foundations of e-Business.....	3
GEB 2137	e-Business Models and Strategies.....	3
GEB 2138	e-Business Laws and Ethics.....	3
CGS 1100	Microcomputer Applications.....	3
CGS 1570	Microcomputer Application for Business.....	3
GEB 1011	Introduction to Business.....	3
CGS 2930	E-Commerce Seminar.....	3

Total Core Credits Required.....21

TECHNICAL ELECTIVES

With the help of an advisor, select at least 25 credits from the following courses. Students desiring a more technical, computer-oriented background should select courses with the COP, CDA, CGS, or GRA prefix.

CDA 2500	Network Technology.....	3
ACG 2001	Accounting I.....	3
ACG 2011	Accounting II.....	3
MAR 2011	Introduction to Marketing.....	3
MAN 2021	Management.....	3
COP 1006	Introduction to Programming Concepts and Logic.....	3
CGS 2820	Web Authoring with HTML.....	3
GEB 1011	Introduction to Business.....	3
COP 2800	Introduction to JAVA Programming.....	3
CGS 1172	Web-based Programming I.....	3
GEB 1136	Foundations of e-Business.....	3
GEB 2137	e-Business Models and Strategies.....	3
GEB 2138	e-Business Law and Ethics.....	3
CGS 2541	Database Concepts.....	3
CGS 2840	E-Commerce Technologies.....	3
CGS 2844	E-Commerce Security.....	3
CGS 2173	Web-based Programming II.....	3
GRA 2142C	Web Design/Graphics.....	4
GRA 2143C	Advanced Web Design/Graphics.....	4
GEB 2441	Business Ethics.....	3
MKA 2021	Professional Selling.....	3
MKA 2041	Retail Management.....	3
MKA 2511	Introduction to Advertising.....	3
GEB 1940	Internship – Business.....	3
CIS 1940	Internship – Computer Science.....	3
_____	Other approved college credit course.....	_____

Total Technical Electives Required.....25

Total Program Credits Required.....64

***EARLY CHILDHOOD EDUCATION* A.A.S.**

Admission Program Objective Code A020

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

GENERAL EDUCATION

Select one course from each category; see page 76.

		College Credits
LIN 1670	Communications.....	3
	or higher English course	
_____	Humanities.....	3
MTB 1103	Mathematics.....	3
	or higher math course	
_____	Science.....	4
_____	Social Science.....	3
_____	General Education Electives.....	2

Total General Education Courses Required.....18

Early Childhood Education, continued

CORE COURSES

DEP 2100	Child Growth and Development I	3
CHD 1430	Observing and Recording Child Behavior	3
HUN 2410A	Child Nutrition and Health	3
CHD 2322	Programs for Young Children	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.....39

TECHNICAL ELECTIVES

With the approval of an advisor, select at least 6 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	3-6
	(can be completed two times for credit)	
EDF 1005	Introduction to Education	3
EDG 2701	Teaching Diverse Populations	3
EME 2040	Introduction to Educational Technology	3
_____	Approved College Credit Course(s)	_____

Total Technical Elective Credits Required6

Total Program Credits Required63

GRAPHICS TECHNOLOGY A.A.S.

Admission Program Objective Code A440

Students who complete selected technical courses for this degree may also be able to receive the college credit certificates in Graphics Design Production and/or Graphics Design Support.

GENERAL EDUCATION

Select one course from each category; see page 76.

College Credits

LIN 1670	Communications	3
	or higher English course	
_____	Humanities	3
MTB 1103	Mathematics	3
	or higher math course	
_____	Science	4
_____	Social Science	3
_____	General Education Electives	2

Total General Education Credits Required18

COMMERCIAL DESIGN OPTION

CORE COURSES

GRA 1121C	Desktop Publishing I	3
ART 1600C	Computer Art I	3
GRA 2100C	Computer Graphics I	4
ART 2602C	Digital Imaging I	4
PGY 1801C	Digital Photography I	4

Total Core Credits Required.....18

TECHNICAL ELECTIVES

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

GRA 1122C	Desktop Publishing II	3
GRA 2156C	Computer Graphics II	4
GRA 2210C	Pre-press Assembly	4
ART 1495C	Corporate Imagery	4
ART 2601C	Computer Art II	3
ART 2603C	Digital Imaging II	4
PGY 2802C	Digital Photography II	4
_____	Any College Credit ART or GRA course	_____
_____	Approved College Credit Electives	_____

Total Technical Credits Required.....28

Total Program Credits Required for the Commercial Design Option64

COMPUTER GRAPHICS OPTION

CORE COURSES

GRA 1121C	Desktop Publishing I	3
ART 1600C	Computer Art I	3
GRA 2100C	Computer Graphics I	4
ART 2602C	Digital Imaging I	4
PGY 1801C	Digital Photography I	4

Total Core Credits Required.....18

TECHNICAL ELECTIVES

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

GRA 1122C	Desktop Publishing II	3
GRA 2156C	Computer Graphics II	4
GRA 2210C	Pre-press Assembly	4
GRA 1123C	Desktop Publishing III	3
GRA 2142C	Web Design/Graphics	4
GRA 2164C	Advanced Graphics Projects	4
PGY 2802C	Digital Photography II	4
_____	Approved College Credit Electives	_____

Total Technical Electives Required28

Total Program Credits Required for the Graphic Design Option64

VISUAL ARTIST OPTION

CORE COURSES

ARH 2050	Art History Pre-Renaissance	3
ARH 2051	Art History Renaissance to 18th Century Neo-Classicism	3
ART 1201C	Two Dimensional Design.....	3
ART 1203C	Three Dimensional Design.....	3
ART 1300C	Drawing I	3
ART 1301C	Drawing II	3
ART 2500C	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 1750C	Pottery I.....	3
ART 1751C	Pottery II	3
ART 1701C	Sculpture I	3
ART 1702C	Sculpture II	3
ART 2501C	Painting II	3
ART 2540C	Water Color I	3
ART 2541C	Water Color II	3
ART 2955	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.**

Admission Program Objective Code A450

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

GENERAL EDUCATION

Select one course from each catalog; see page 76.

	College Credits	
LIN 1670	Communications.....	3
	or higher English course	
_____	Humanities	3
MTB 1103	Mathematics	3
	or higher math course	
_____	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.

MNA 1161	Customer Service.....	3
MAN 2021	Management	3
MAN 2300	Personnel Management	3
MNA 2100	Organizational Behavior	3
MNA 1016	ISO 9000 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
CTS 2101	Introduction to Windows.....	3
_____	Approved computer-related course.....	3

OST 2335	Business Communications.....	3
GEB 1940	Internship-Business.....	3-9
	(can be completed three times for credit)	

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
_____	Approved College Credit Elective(s)	3

TECHNICAL ELECTIVES

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

**Total Technical Elective Credits
Required.....30**

Total Program Credits Required.....60

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

Admission Program Objective Code A350

GENERAL EDUCATION

Select one course from each category, see page 76.

	College Credits	
LIN 1670	Communications.....	3
	or higher English course	
_____	Humanities	3
MAT 1033A	Mathematics	3
	or higher math course	
_____	Science.....	4
_____	Social Science.....	3
_____	General Education Electives	2

**Total General Education Credits
Required.....18**

Manufacturing Technology, continued

CORE COURSES

EET 1003	Electronics for Drafters.....	3
ETI 2110	Quality Tools I.....	3
ETI 2111	Quality Control II	3
ETI 1411	Advanced Manufacturing Processes.....	3
EGS 1110C	Engineering Graphics.....	3
ETD 1710	Fundamentals of Dimensioning and Tolerancing.....	3
ETD 2655	Advanced Printed Circuit Board Drafting	3
ETD 2218	Geometric Dimensioning and Tolerancing.....	4
ETD 2219	Advanced Geometric Dimensioning and Tolerancing.....	4
ETD 1310C	AutoCAD I	3
ETD 1654	Intermediate PCB Drafting	3
Total Core Credits Required.....		35

TECHNICAL ELECTIVES

With approval of an advisor, select 11 credits.

_____	Approved College Credit Electives.....	11
-------	--	----

Total Program Credits Required64

MUSIC PRODUCTION TECHNOLOGY **A.A.S.**

Admission Program Objective Code **A560**

Students who complete selected technical courses in this program may be eligible to receive the college credit certificate in Audio Technology.

GENERAL EDUCATION

Select one course from each category; see page 76.

		College Credits
LIN 1670	Communications.....	3
or higher English course		
_____	Humanities	3
MTB 1103	Mathematics	3
or higher math course		
_____	Science.....	4
_____	Social Science.....	3
_____	General Education Electives	2

Total General Education Credits Required.....18

CORE COURSES

MUM 1620	Audio and Acoustic Fundamentals.....	3
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.....	3
(Post Production)		
MUM 2600L	Recording Lab	2
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 1001	Humanities – Music.....	3
MVV 1211	Applied Voice	2-4
(can be completed four times for credit)		
MVK 1211	Applied Piano.....	2-4
(can be completed four times for credit)		
_____	Approved College Credit Course(s)	_____

Total Core Credits Required 45

Total Program Credits Required63

NETWORKING SERVICES TECHNOLOGY **A.A.S.**

Admission Program Objective Code **A145**

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 76.

		College Credits
LIN 1670	Communications.....	3
or higher English course		
_____	Humanities	3
MAT 1033A	Mathematics	3
or higher math course		
_____	Science.....	4
_____	Social Science.....	3
_____	General Education Electives	2

Total General Education Credits Required18

CORE COURSES

CIS 1000	Introduction to Computer Science.....	3
or		
COP 1006	Intro to Programming Concepts & Logic	3
CTS 2101	Introduction to Windows	3
CGS 1550	Introduction to the World Wide Web	3
CDA 2500	Network Technology	3
CDA 2523	Windows Professional.....	3
CET 2497	Windows Network Infrastructure	3

Total Core Credits Required.....18

TECHNICAL ELECTIVES

With the help of an advisor, select 27 credits from the following:

CIS 1000	Introduction to Computer Science.....3
	or
COP 1006	Intro to Programming Concepts & Logic3
COP 2220	Programming in C3
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) _
CIS 1940	Internship-Computer Science.....3-6 (can be taken two times for credit)
GEB 1940	Internship-Business.....3
_____	Approved College Credit Elective(s) _

Total Technical Credits Required.....27

Total Program Credits Required63

NURSING (RN) A.S.

Admission Program Objective Code 2000

This program is a limited admission program subject to additional program policies and licensure requirements stipulated in the “Nursing Program Student Handbook”. Policies are strictly enforced and students should work with the Nursing Program staff rather than self-advise. The admission criteria and process are subject to change; students should contact the Office of Technical Education for the most current information.

GENERAL EDUCATION

	College Credits
ENC 1101	Communications.....3
_____	Humanities3
MAC 1105	College Algebra3
or	
STA 2023	Statistics3
BSC 1085C	Human Anatomy and Physiology I4
BSC 1086C	Human Anatomy and Physiology II4
SYG 2000	Sociology3

**Total General Education Credits
Required20**

CORE COURSES

HUN 2201	Nutrition3
DEP 2004	Human Growth and Development.....3
MCB 2010C	Microbiology4
NUR 1021	Nursing Process I.....6
NUR 1021L	Nursing Process I Clinical Experience...4
NUR 1235	Nursing Process II.....5
NUR 1750L	Nursing Process II Clinical Experience..4
NUR 1141C	Pharmacologic Principles in Nursing.....1
NUR 2236	Nursing Process III.....6
NUR 2236L	Nursing Process III Clinical Experience4

NUR 2241	Nursing Process IV5
NUR 2241L	Nursing Process IV Clinical Experience4
NUR 2811L	Nursing Clinical Practicum3

Total Core Credits Required.....52

TECHNICAL ELECTIVES (Not Required)

NUR 1940L	Nursing Clinical Externship3
NUR 2930L	Nursing Practice Readiness.....1
NUR 2931	Special Topics in Associate Degree Nursing5
NUR 2931L	Special Topics in Associate Degree Nursing Laboratory4

Total Program Credits Required72

OFFICE ADMINISTRATION A.A.S.

Admission Program Objective Code A100

Students who successfully complete selected technical courses in this program may be eligible to receive the college credit certificates in Office Specialist and/or Medical Office Management.

GENERAL EDUCATION

Select one course from each category, see page 76.

	College Credits
LIN 1670	Communications.....3
_____	or higher English course
_____	Humanities3
MAT 1033A	Mathematics3
_____	or higher math course
_____	Science.....4
_____	Social Science.....3
_____	General Education Electives2

**Total General Education Credits
Required18**

CORE COURSES

CGS 1100	Microcomputer Applications3
CGS 1570	Microcomputer Applications for Business3
GEB 1011	Introduction to Business.....3
OST 2335	Business Communications.....3
OST 2401	General Office Management3
OST 1355	Records Management.....3
OST 1107	Word Processing I.....3
OST 2117	Word Processing II.....3

Total Core Credits Required.....24

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

Office Administration A.A.S., continued

GENERAL OFFICE ADMINISTRATION OPTION

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

CTS 2101	Introduction to Windows.....3
CGS 1550	Introduction to the World Wide Web3
MTB 1103	Business Math.....3
GEB 1940	Internship-Business.....3-6 (can be completed two times for credit)
ACG 2001	Accounting I.....3
BUL 2241	Business Law I3
MNA 1345	Supervision.....3
GEB 2441	Business Ethics3
_____	Other Approved College Credit.....
_____	Elective(s)6

Total Technical Credits Required.....21

Total Program Credits Required for the General Office Systems Option63

LEGAL OFFICE ADMINISTRATION OPTION

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

PLA 1013	Introduction to the Legal System3
PLA 1005	Legal Terminology3
GEB 1940	Internship-Business.....3-6 (can be completed two times for credit)
BUL 2241	Business Law I3
BUL 2242	Business Law II3
PLA 1203	Introduction to Civil Law3
PLA 1103	Legal Research3
PLA 1104	Case Analysis and Legal Writing.....3
PLA 2263	Evidence.....3
PLA 1804	Family Law3

Total Technical Credits Required.....21

Total Program Credits Required for the Legal Secretary Option.....63

MEDICAL OFFICE ADMINISTRATION OPTION

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

HSC 1531	Medical Terminology*3
HSC 1100	Health Education3
HIM 1000	Introduction to Health Information Management3
HSC 1400	First Aid3
BUL 2241	Business Law I3
GEB 2441	Business Ethics3
GEB 1940	Internship-Business.....3-9 (can be completed three times for credit)
_____	Approved college credit HSC, HIM or OST course.....

Total Technical Credits Required.....21

Total Program Credits Required for the Medical Secretary Option63

MEDICAL INFORMATION CODER/BILLER OPTION

Complete the following technical credits:

HSC 1531	Medical Terminology.....3
HIM 1000	Introduction to Health Information Management3
BSC 1080	Essentials of Anatomy & Physiology3
HIM 1270C	Medical Billing2
HIM 1282	Basic Coding for Medical Records.....4
HIM 2283C	Advanced Coding for Medical Records5
HIM 2433	Pathophysiology4
HSA 1101	Introduction to Health Care2

Total Technical Credits Required20*

Total Program Credits Required for the Medical Information Coder/Biller Specialist Option 63

*If BSC 1085C and BSC 1086C are used for the General Education Science requirement, they can be used as a substitute for BSC 1080 in the program requirements above. HIM 1000 can be used as a substitute for OST 1355.

RECREATION TECHNOLOGY A.S.

Admission Program Objective Code 2480

GENERAL EDUCATION

Select one course from each category; see page 76.

	College Credits
ENC 1101	Communications.....3
_____	or higher English course
_____	Humanities3
MAC 1105	Mathematics3
_____	or higher/comparable math course
_____	Science.....4
_____	Social Science.....3
_____	General Education Electives2

Total General Education Credits Required.....18

CORE COURSES

PET 1000	Introduction to Physical Education.....3
PET 2622	Care and Prevention of Athletic Injuries3
HSC 1100	Health Education3
HLP 1081	Wellness3
PEM 1131A	Strength Training3
HSC 1400	First Aid3
HUN 2201	Nutrition3
_____	Selected Activity Courses.....4

Total Core Credits Required.....25

*Required courses for this option.

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
Required21**

Total Program Credits Required64

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

Admission Program Objective Code A585

Students who complete selected technical courses in the Technical Theater Option of this program may be eligible to receive the college credit certificate in Stage Technology.

GENERAL EDUCATION

Select one course from each category, see page 76.

LIN 1670	Communications.....	3
or higher English course		
_____	Humanities	3
MTB 1103	Mathematics	3
or higher math course		
_____	Science.....	4
_____	Social Science.....	3
_____	General Education Electives	2

**Total General Education
Credits Required18**

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
(can be completed four times for credit)		
DAA _____	Ballet, Modern, Jazz, Tap.....	2-4

Total Core Credits Required26-30

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 Required64

DANCE SPECIALIZATION OPTION

CORE COURSES

DAA 1200	Beginning Ballet I	4-8
(can be completed four times for credit)		
DAA 1201	Intermediate Ballet	4-8
(can be completed four times for credit)		
DAA 2202	Advanced Ballet	4-8
(can be completed four times for credit)		
DAA 1100	Beginning Modern Dance	4-8
(can be completed four times for credit)		
DAA 1101	Intermediate Modern Dance	4-8
(can be completed four times for credit)		
DAA 2610	Composition and Improvisation.....	2
DAA 2683	Dance Performance	2-4
(can be completed two times for credit)		

Total Core Credits Required20-38

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

TECHNICAL ELECTIVES

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

DAA 1681	Dance Ensemble.....	1-4
	(can be completed four times for credit)	
DAA 1500A	Beginning Jazz Dance	1-4
	(can be completed four times for credit)	
DAA 1501	Intermediate Jazz Dance	1-4
	(can be completed four times for credit)	
DAA 1580	Musical Theatre Dance I	1-4
	(can be completed four times for credit)	
DAA 2581	Musical Theatre Dance II	1-4
	(can be completed four times for credit)	
DAA 1750	Dance Conditioning.....	1-4
	(can be completed four times for credit)	
DAA 2220	Pointe	1-4
	(can be completed four times for credit)	
DAA 1520	Beginning Tap	1-4
	(can be completed four times for credit)	
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 Required8-26

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
	(can be completed four times for credit)	
MVK 2221	Applied Piano II.....	2-4
	(can be completed four times for credit)	
HUM 2920	Humanities Colloquium I	1
MUN ___	Music Ensembles	4

Total Core Credits Required21-24

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 College	
	Credit Elective(s).....	___

Total Technical Elective Credits Required22-25

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

Total Program Credits Required Musical Theatre Specialization Option64

TECHNICAL THEATER 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 College	
	Credit Elective(s).....	___

Total Technical Elective Credits Required24

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

Total Program Credits Required64