

# CERTIFICATE AND APPLIED TECHNOLOGY DIPLOMA PROGRAMS



# CERTIFICATE AND APPLIED TECHNOLOGY DIPLOMA PROGRAMS



Certificate Programs are designed to prepare students for employment in selected professional, technical, and occupational skill areas. Northwest Florida State College offers three types of certificate programs: college credit certificates, career and technical or vocational credit certificates, and the Applied Technology Diploma (ATD). All are technically oriented and require less time to complete than the two-year degree programs.

## College Credit Certificates and Applied Technology Diplomas

College credit certificates and the ATD range from eleven (11) to forty-two (42) credits in length, although most are comprised of thirty (30) credits, and require approximately one academic year to complete. Courses in these certificates include professional and technical skills, with an emphasis on practical application. Most college credit certificate programs include an internship option through which students may gain on-the-job experience as they study.

Each of the Northwest Florida State College credit certificates is paired with a companion A.S. or A.A.S. Degree Program. Upon successful completion of the college credit certificate, the student may receive credit toward approximately 45% to 50% of the course requirements in the companion degree program. Conversely, students who successfully complete the technical credits within a companion degree program may qualify for graduation from the appropriate certificate program. In this manner, students may receive two graduation credentials from the college. **Students should work closely with an advisor to plan their studies in a way to take advantage of this opportunity.**

### College Credit Certificates and ATD Programs

- Accounting Technology Management (Certificate)
- Audio Technology (Certificate)
- AutoCAD Foundations (Certificate)
- Business Management (Certificate)
- Child Care Center Management (Certificate)
- Child Development/Early Intervention (Certificate)
- Cisco CCNA (Certificate)
- Computer Programming (Certificate)
- Computer Programming Specialist (Certificate)
- Computer Specialist (Certificate)
- Customer Service Technology (ATD)
- Digital Media/Multimedia Authoring (Certificate)
- Digital Media/Multimedia Presentation (Certificate)
- Digital Media/Multimedia Production (Certificate)
- Drafting (Certificate)
- E-Business (Certificate)

- E-Business Software (Certificate)
- E-Business Technology (Certificate)
- Emergency Administrator and Manager (Certificate)
- Emergency Medical Technician (Certificate)
- Graphics Design Production (Certificate)
- Graphics Design Support (Certificate)
- Homeland Security Emergency Manager (Certificate)
- Infant/Toddler (Certificate)
- Information Technology Management (Certificate)
- Information Technology Technician (Certificate)
- Marketing Operations (Certificate)
- Medical Coder/Biller (ATD)
- Medical Office Management (Certificate)
- Microcomputer Repairer/Installer (Certificate)
- Office Management (Certificate)
- Office Specialist (Certificate)
- Paramedic (Certificate)
- Preschool (Certificate)
- Stage Technology (Certificate)

### Career and Technical or Vocational Credit Certificates

Career and Technical or Vocational credit certificates are comprised of vocational credits, offered in the semester hour format and distinct from college credits or clock hours. The certificates are generally less than one year in length and are designed to prepare students for employment in selected occupational skill areas. Most contain an internship option through which students may gain on-the-job experience as they study. The curriculum is heavily oriented toward problem solving and skill application. In certain circumstances, the skills acquired through completion of a career and technical or vocational credit certificate may be articulated into comparable college credit work and applied to college credit certificates, A.A.S. or A.S. Degree programs. **Students should work closely with an advisor to plan their studies in a way to take advantage of this opportunity.**

### Career and Technical or Vocational Credit Certificates

- Accounting Operations
- Administrative Assistant
- Corrections Basic
- Customer Assistance Technology
- Customer Service Representative
- Dental Assisting
- Law Enforcement Basic
- Surgical Technology

## Graduation Requirements for Certificate and ATD Programs

To successfully complete a college credit or a career and technical or vocational credit certificate, the student must meet the following requirements.

1. Complete the courses and other requirements as specified in the program of study. (With advance approval, college credit courses may be substituted for equivalent vocational credit courses in any career and technical or vocational credit certificate.)
2. Complete at least 25% of the certificate coursework in residence at Northwest Florida State College.

3. Maintain a cumulative GPA of not less than 2.00 in all coursework pursued for the certificate.
4. Satisfy all other college graduation requirements.

In addition, students wishing to complete a career and technical or vocational certificate must demonstrate minimum skill levels in reading, communications, and mathematics, as measured by the TABE. The levels vary for each program of study.

equivalent of any vocational course may be substituted for a core course(s); credit requirements within the core may be adjusted to accommodate substitution of college credit classes or of other vocational credit courses; however, at least 18 program credits must be in accounting skill courses.

## ACCOUNTING OPERATIONS

### Admission Program of Study Code 5370

#### Career and Technical or Vocational Credit Certificate

Core Courses <sup>1</sup>	Vocational Credits
OTA 0112 Word Processing with Windows I .....	1
CGS 0513 Using Spreadsheets I .....	1
CGS 0517 Using Spreadsheets II .....	1
MTB 0102 Math for Business I .....	2
COM 0101 Office Communication .....	2
ACO 0511 Electronic Bookkeeping .....	2
_____ Approved Accounting/Business .....	12

**Total Core Credits Required .....** 21

#### TECHNICAL ELECTIVES<sup>2</sup>

Select at least 9 credits from the following courses:

Technical Elective Courses	Credit Hours
OTA 0940 Office Internship I .....	2-4
(can be completed two times for credit)	
OTA 0948 Office Internship II .....	2-4
(can be completed two times for credit)	
OTA 0949 Office Internship III .....	2-4
(can be completed two times for credit)	
_____ Approved CGS, MNA, GEB, BUL, MAN, OST, ACO, ACC, or other business course(s) .....	_

**Total Technical Electives Credits Required.....** 9

**Total Program Credits Required.....** 30

## ACCOUNTING TECHNOLOGY MANAGEMENT

### Admission Program of Study Code 6370

Students who successfully complete this certificate will have completed 27 credits applicable to the Accounting Technology A.S. Degree or to the Business Administration A.A.S. Degree programs.

Core Courses	College Credits
GEB 1011 Introduction to Business .....	3
CGS 1100 Microcomputer Applications .....	3
ACG 2001 Accounting I .....	3
ACG 2011 Accounting II .....	3
ACG 2071 Managerial Accounting .....	3
CGS 1570 Computer Applications for Business .....	3
ACG 2450 Computer Applications in Accounting .....	3
ACO 1806 Payroll Accounting .....	3
_____ Other Approved College Credits .....	3

**Total Core Credits Required .....** 27

## ADMINISTRATIVE ASSISTANT

### Admission Program of Study Code 5150

#### Career and Technical or Vocational Credit Certificate

Students who complete 20-30 credits from this program, including the core, may be eligible to receive the Customer Service Representative and/or Customer Assistance Technology vocational credit certificates.

Core Courses <sup>1</sup>	Vocational Credits
OTA 0119 Introduction to Word Processing.....	3
(OR: OTA 0103, OTA 0112 and OTA 0113)	
MNA 0107 Fundamentals of Human Relations and Communication.....	3
(OR: MNA 0100, MNA 0105 and COM 0____ Communication Skills I)	
OTA 0420 Office Procedures and Records Maintenance....	3
(OR: OTA 0421 and OTA 0401)	
CTS 0030 Exploring Windows I.....	1
CGS 0562 Exploring Windows II.....	1
CGS 0516 Windows Spreadsheets I .....	1
CGS 0517 Windows Spreadsheets II .....	1
CTS 0060 Presentation Software Essentials .....	1
CTS 0061 Presentation Software Essentials II.....	1
MTB 0102 Mathematics for Business.....	2
OTA 0036 Desktop Publishing .....	3
ACO 0511 Electronic Bookkeeping .....	2
COM 0101 Office Communications.....	2
CGS 0531 Database Essentials .....	1

**Total Core Credits Required .....** 25

#### TECHNICAL ELECTIVES

Select at least 10 credits from the following courses:

Technical Elective Courses	Credit Hours
MNA 0161 Serving the Customer .....	1
CGS 0549 Database Essentials II .....	2
OTA 0118 Word Processing with Windows III .....	3
CGS 0601 Essential of the Internet.....	1
_____ Introduction to Business Management.....	2
OTA 0940 Office Internship I .....	2-4
(can be completed two times for credit)	
OTA 0948 Office Internship II .....	2-4
(can be completed two times for credit)	
_____ Other Approved Elective(s) .....	_

**Total Technical Electives Required.....** 10

**Total Program Credits Required<sup>1</sup>.....** 35

<sup>1</sup> College credit courses with the APA, ACC, or ACO prefix may be substituted for vocational credit courses in the core as appropriate; the college credit

<sup>2</sup> Technical electives may be vocational or college credit as appropriate to the individual student's career goals.

## • AUDIO TECHNOLOGY

Admission Program of Study Code 6560

### College Credit Certificate

Students who successfully complete this program may apply these credits to the Music Production Technology A.A.S.

Core Courses	College Credits
MUM 2300 Introduction to Music Technology .....	3
MUM 2600 Recording Tech I.....	3
MUM 2601 Recording Tech II.....	3
MUM 2604 Multi-Track Mixdown.....	3
MUM 2600L Recording Lab.....	2
— — Other Approved College Credits.....	1
<b>Total Program Credits Required .....</b>	<b>15</b>

## • AUTOCAD FOUNDATIONS

Admission Program of Study Code 6052

### College Credit Certificate

Students who successfully complete this program may apply these fifteen (15) credits to the Drafting and Design Technology A.A.S.

Core Courses	College Credits
ETD 1102 Introduction to Technical Drawing.....	3
ETD 1320C AutoCAD I.....	3
ETD 1340C AutoCAD II.....	3
ETD 2350C AutoCAD III.....	3
ETD 1355C AutoCAD 3D Modeling I.....	3
<b>Total Program Credits Required .....</b>	<b>15</b>

## • BUSINESS MANAGEMENT

Admission Program of Study Code 6381

### College Credit Certificate

Students who successfully complete this certificate will have completed 24 credits applicable to the Accounting Technology A.S. Degree or to the Business Administration A.A.S. Degree programs.

Core Courses	College Credits
GEB 1011 Introduction to Business .....	3
CGS 1100 Microcomputer Applications.....	3
ACG 2001 Accounting I.....	3
MAN 2021 Management .....	3
<b>Total Core Credits Required .....</b>	<b>12</b>

### TECHNICAL ELECTIVES

With the approval of an advisor, select 12 credits from the following:

Technical Elective Courses	Credit Hours
OST 2335 Business Communications.....	3
ACG 2011 Accounting II.....	3
ACG 2071 Managerial Accounting.....	3
CGS 1570 Computer Applications for Business.....	3
GEB 2430 Business Ethics .....	3
MAN 2300 Personnel Management.....	3
BUL 2241 Business Law I.....	3
GEB 1940 Internship - Business.....	3
— — Other Business/College Credit Elective(s) .....	1-9

**Total Technical Elective Credits Required .....** 12

**Total Program Credits Required.....** 24

## • CHILD CARE CENTER MANAGEMENT

Admission Program of Study Code 6021

### College Credit Certificate

Students who successfully complete this program may apply these credits to the Early Childhood Education A.A.S.

Core Courses	College Credits
CHD 2322 Programs for Young Children.....	3
CHD 2432A Curriculum for Young Children I.....	3
DEP 2100 Child Growth and Development I.....	3
CHD 1800 Early Childhood Program Administration.....	3
<b>Total Program Credits Required .....</b>	<b>12</b>

## • CHILD DEVELOPMENT/EARLY INTERVENTION

Admission Program of Study Code 6020

### College Credit Certificate

Students who successfully complete this certificate may receive 36 credits toward the requirements of the Early Childhood Education A.A.S. Degree program.

Core Courses	College Credits
CHD 1223 Guidance for Young Children.....	3
DEP 2100 Child Growth and Development I.....	3
CHD 1430 Observing and Recording Child Behavior.....	3
CHD 2432A Curriculum for Young Children I.....	3
HUN 2410A Child Nutrition and Health.....	3
CHD 2322 Programs for Young Children.....	3
CHD 1531 Parenting Education.....	3
CHD 1941 Child Development Internship .....	3
EEX 2010 Introduction to Exceptional Children.....	3

**Total Core Credits Required .....** 27

### TECHNICAL ELECTIVES

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

Technical Elective Courses	Credit Hours
CHD 2332A Curriculum for Young Children II.....	3
CHD 2334A Curriculum for Young Children III.....	3
CHD 2337A Curriculum for Young Children IV.....	3
MTB 1103 Business Math .....	3
CHD 1941 Internship - Child Development.....	3-9
(can be completed three times for credit)	
CHD 1312 Infant & Toddler.....	3

**Total Technical Elective Credits Required .....** 9

**Total Program Credits Required.....** 36

## • CISCO CCNA

Admission Program of Study Code 6140

### College Credit Certificate

Students who successfully complete this program may apply these credits to the Computer Engineering Technology, Cisco Academy Option, A.A.S.

Core Courses	College Credits
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
<b>Total Program Credits Required .....</b>	<b>12</b>

## • COMPUTER PROGRAMMING

Admission Program of Study Code 6045

### College Credit Certificate

Students who successfully complete this program may apply these credits as appropriate to the Computer Information Administrator, Networking Administrator and/or Computer Programming and Analysis degree programs.

Core Courses	College Credits
COP 1006 Introduction to Programming Concepts and Logic..... or	3
CIS 1000 Introduction to Computer Science.....	3
CTS 2101 Introduction to Windows .....	3
CGS 1550 Introduction to the World Wide Web .....	3
CDA 2500 Introduction to Networking .....	3
COP 2220 Programming in C .....	3
COP 2800 Java .....	3
COP 2010 Visual Basic.....	3
<b>Total Core Credits Required .....</b>	<b>21</b>

### TECHNICAL ELECTIVES

Technical Elective Courses	College Credits
CIS 1940 Internship in Computer Studies..... (can be completed two times for credit)	3-6
GEB 1940 Internship-Business..... (can be completed two times for credit)	3-6
___ ___ Other Approved College Credits .....	___
<b>Total Technical Elective Credits Required .....</b>	<b>12</b>
<b>Total Program Credits Required.....</b>	<b>33</b>

## • COMPUTER PROGRAMMING SPECIALIST

Admission Program of Study Code 6046

### College Credit Certificate

Students who successfully complete this certificate will have completed 18 credits applicable to the Computer Programming and Analysis A. S. Degree.

Core Courses	College Credits
COP 1006 Introduction to Programming Concepts and Logic.....	3
CGS 1550 Introduction to the World Wide Web .....	3
CTS 2101 Introduction to Windows .....	3
<b>Total Core Credits Required .....</b>	<b>9</b>

### TECHNICAL ELECTIVES

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

Technical Elective Courses	College Credits
CIS 1000 Introduction to Computer Science.....	3
CIS 1940 Internship in Computer Studies.....	3
CGS 1570 Computer Applications for Business.....	3
COP 2220 Programming in C .....	3
COP 2224 C++ .....	3
COP 2010 Visual Basic Programming.....	3
COP 2011 Adv. Applications Programming in Visual Basic .....	3
COP 2800 Intro. to Java Programming.....	3
COP 2805 Advanced Java Programming.....	3
___ ___ Other Approved College Credits .....	___

**Total Technical Elective Credits Required .....** 9

**Total Program Credits Required.....** 18

## • COMPUTER SPECIALIST

Admission Program of Study Code 6141

### College Credit Certificate

Students who successfully complete this program may apply these credits to the Computer Engineering Technology, Microsoft IT Academy (MCSE) Option, A.A.S.

Core Courses	College Credits
CTS 2101 Introduction to Windows .....	3
CDA 2500 Network Technology .....	3
CDA 2523 Windows Client Operating System.....	3
CDA 2525 Windows Server Environment .....	3
CET 2497 Windows Network Infrastructure.....	3
CTS 2302 Windows Active Directory .....	3
CTS 2310 Designing Security for Windows Network.....	3
CTS 2300 Designing Active Directory and Network Infrastructure .....	3
CTS 2320 Planning and Maintaining Windows Network Infrastructure .....	3

**Total Program Credits Required .....** 27

## • CORRECTIONS BASIC

Admission Program of Study Code 5091

### Career and Technical or Vocational Credit Certificate

Students who successfully complete this program and pass the State of Florida State Officer Certification Exam (SOCE) may apply these credits to the Criminal Justice Technology, Law Enforcement/Corrections Academy Option, A.A.S.

Core Courses	Vocational Credits
CJD 0770	Legal I..... 1.60
CJD 0771	Legal II..... 0.80
CJD 0772	Communications ..... 1.50
CJD 0773	Interpersonal Skills I..... 2.30
CJD 0750	Interpersonal Skills II..... 1.80
CJD 0752	Correctional Operations..... 2.20
CJK 0480	Emergency Preparedness ..... 1.00
CJK 0051	Defensive Tactics..... 2.70
CJK 0040	Firearms ..... 2.70
CJK 0031	First Aid for CJ Officers ..... 1.60
CJK 0096A	CJ Physical Fitness I..... 0.70
CJK 0096B	CJ Physical Fitness II ..... <u>0.70</u>

**Total Program Credits Required.....19.60**

**NOTE:** Entry into Criminal Justice Certificate Programs requires meeting the standards as established by the Criminal Justice Standards and Training Commission and the Florida Department of Law Enforcement for employment. A copy of these requirements will be furnished by the Public Safety Division at NWF State College.

## • CUSTOMER ASSISTANCE TECHNOLOGY

Admission Program of Study Code 5575

### Career and Technical or Vocational Credit Certificate

Students who successfully complete this program may apply these credits to the Administrative Assistant, Customer Service Representative.

Core Courses	Vocational Credits
OTA 0119	Introduction to Word Processing..... 3 (OR: OTA 0103, OTA 0112 and OTA 0113)
MNA 0107	Fundamentals of Human Relations and Communications ..... 3 (OR: MNA 0100, MNA 0105 and COM 010)
OTA 0420	Office Procedures and Records Maintenance.... 3 (OR: OTA 0421 and OTA 0401)
CTS 0030	Exploring Windows I..... 1
CGS 0562	Exploring Windows II..... 1
COM 0101	Office Communications..... 2
MNA 0161	Serving the Customer..... <u>1</u>

**Total Core Credits Required ..... 14**

### TECHNICAL ELECTIVES

Select at least 6 credits from the following courses:

Technical Elective Courses	College Credits
MTB 0102	Mathematics for Business..... 2
CGS 0516	Using Spreadsheets with Windows I..... 1
CGS 0601	Essentials of the Internet..... 1
CGS 0531	Database Essentials I..... 1
OTA 0940	Office Internship I ..... 2-4 (can be completed two times for credit)
_____	Other Approved Elective(s)..... <u>1-4</u>

**Total Technical Elective Required ..... 6**

**Total Program Credits Required<sup>1</sup> ..... 20**

<sup>1</sup> With advance approval, college credit courses may be substituted for equivalent vocational credit courses and the total number of program credits required may be adjusted accordingly.

## • CUSTOMER SERVICE REPRESENTATIVE

Admission Program of Study Code 5570

### Career and Technical or Vocational Credit Certificate

Students who successfully complete this program may apply these credits to the Administrative Assistant and Customer Assistance Technology Vocational Certificates.

Core Courses	Vocational Credits
MNA 0107	Fundamentals of Human Relations and Communications ..... 3 (OR: MNA 0100, MNA 0105 and COM 010)
MNA 0161	Serving the Customer..... 1
_____	Professional Selling..... 1
COM 0101	Office Communications ..... 2
_____	Basic Business Law and Ethics..... <u>1</u>

**Total Core Credits Required ..... 8**

### TECHNICAL ELECTIVES

Select at least 12 credits from the following courses:

Technical Elective Courses	College Credits
OTA 0119	Introduction to Word Processing..... 3 (OR: OTA 0103, OTA 0112 and OTA 0113)
OTA 0420	Office Procedures and Records Maintenance.... 3 (OR: OTA 0421 and OTA 0401)
MTB 0102	Mathematics for Business..... 2
ACO 0511	Electronic Bookkeeping ..... 2
CGS 0516	Using Windows Spreadsheets I..... 1
CGS 0601	Essentials of the Internet..... 1
CGS 0531	Database Essentials I..... 1
OTA 0940	Office Internship I ..... 2-4 (can be completed two times for credit)
OTA 0948	Office Internship II ..... 2-4 (can be completed two times for credit)
_____	Other Approved Elective(s)..... <u>1-4</u>

**Total Technical Elective Credits Required ..... 12**

**Total Program Credits Required<sup>1</sup> ..... 20**

## • CUSTOMER SERVICE TECHNOLOGY

Admission Program of Study Code B575

### Applied Technology Diploma

Students who successfully complete this ATD program may apply the credits to the Customer Relationship Management, Business Administration, or Office Administration A.A.S. Degree programs.

Core Courses		College Credits
GEB 1011	Introduction to Business .....	3
CGS 1100	Microcomputer Applications .....	3
OST 2335	Business Communications.....	3
MNA 1161	Customer Service .....	3

**Total Core Credits Required .....** 12

### TECHNICAL ELECTIVES

With the help of an advisor, select at least 6 credits from the following:

Technical Elective Courses		College Credits
MAR 2011	Introduction to Marketing .....	3
CGS 1550	Introduction to the World Wide Web .....	3
GEB 2430	Business Ethics .....	3
MNA 2100	Organizational Behavior .....	3
GEB 1940	Internship-Business.....	3-9
	(can be completed three times for credit)	
SPC 1600	Speech .....	3
— —	Other Approved College Credits .....	—

**Total Technical Electives Credits Required.....** 6

**Total Program Credits Required.....** 18

## • DENTAL ASSISTING

Admission Program of Study Code 5000

### Career and Technical or Vocational Credit Certificate

This program is a limited admission program subject to additional program policies and requirements stipulated in the "Dental Assisting Student Handbook". The admission criteria and process, as well as some course numbers and credits are subject to change; students should contact the Office of Technical Education for the most current information.

Students who successfully complete this program may apply these credits to the Health Services Management Degree, A.A.S.

Core Courses		Vocational Credits
DEA 0020	Pre Clinical Procedures Theory .....	2
DEA 0020L	Pre Clinical Practice Lab .....	3
DEA 0130	Allied Dental Theory.....	1
DEA 0803L	Clinical Practice I.....	3
DES 0830	Expanded Function Theory .....	1
DES 0830L	Skills Seminar.....	2
DEA 0852L	Clinical Practice II.....	5
DEA 0851L	Clinical Practice III.....	6
DES 0100	Dental Materials Theory .....	1
DES 0100L	Dental Materials Lab.....	2
DES 0200	Dental Radiology Lecture .....	1
DES 0200L	Dental Radiology Lab.....	3
DES 0201L	Dental Radiology Lab II .....	3
DES 0320	Interpersonal Communication Skills* .....	1
DES 0400B	Dental Anatomy.....	2
DES 0502	Dental Practice Management.....	1
DES 0600	Pharmacology and Dental Office Emergencies .....	1
DES 0840	Dental Science** .....	1
DEA 0936	Dental Assisting Seminar .....	2

**Total Program Credits Required.....** 41

\* Students may substitute SPC 2300 Interpersonal Communications  
\*\* Students may substitute HSA 1100 Intro to Health Care

## • DIGITAL MEDIA/MULTIMEDIA AUTHORIZING

Admission Program of Study Code 6580

### College Credit Certificate

Students who successfully complete this program may apply twelve (12) credits to the Digital Media/Multimedia Technology A.A.S.

Core Courses		College Credits
ART 2602C	Digital Imaging I.....	4
ART 1600C	Computer Art I.....	3
GRA 2142C	Web Design/Graphics.....	4
GRA 2905	Independent Study - Graphics/Printing .....	1
	or	
— —	Other Approved College Credits .....	—

**Total Program Credits Required .....** 12

## • DIGITAL MEDIA/MULTIMEDIA PRESENTATION

Admission Program of Study Code 6581

### College Credit Certificate

Students who successfully complete this program may apply seventeen (17) credits to the Digital Media/Multimedia Technology A.A.S.

Core Courses	College Credits
ART 2602C Digital Imaging I.....	4
ART 1600C Computer Art I.....	3
GRA 2142C Web Design/Graphics.....	4
GRA 2140C Multimedia I.....	4
GRA 2905 Independent Study - Graphics/Printing.....	1
_____ Other Approved College Credits.....	1

**Total Program Credits Required ..... 17**

## • DIGITAL MEDIA/MULTIMEDIA PRODUCTION

Admission Program of Study Code 6582

### College Credit Certificate

Students who successfully complete this program may apply fifteen (15) credits to the Digital Media/Multimedia Technology A.A.S.

Core Courses	College Credits
ART 2602C Digital Imaging I.....	4
ART 1600C Computer Art I.....	3
GRA 2142C Web Design/Graphics.....	4
GRA 2143C Adv. Web Design/Graphics.....	4
or	
_____ Other Approved College Credits.....	—

**Total Program Credits Required ..... 15**

## • DRAFTING

Admission Program of Study Code 6051

### College Credit Certificate

Students who successfully complete this certificate will have completed 24 credits applicable to the Architectural Design and Construction Technology A.A.S.

Core Courses	College Credits
ETD 1102 Introduction to Technical Drawing.....	3
EGS 1110C Engineering Graphics.....	3
ETD 1320C AutoCAD I.....	3
ETD 1340C AutoCAD II.....	3
BCN 1230 Building Materials.....	3
BCN 1272 Blueprint Reading.....	3
ARC 2303A Design 2.1.....	6

**Total Program Credits Required.....24**

## • E-BUSINESS

Admission Program of Study Code 6150

### College Credit Certificate

Students who successfully complete this certificate will have completed 24 credits applicable to the Business Administration (E-Business option) A.A.S. Degree program.

Core Courses	College Credits
GEB 1011 Introduction to Business.....	3
GEB 1136 Foundations of E-Business.....	3
GEB 2137 E-Business Models and Strategies.....	3
CGS 1100 Microcomputer Applications.....	3
MAN 2021 Management.....	3

**Total Core Credits Required ..... 15**

### TECHNICAL ELECTIVES

With the help of an advisor, select 9 credits from the following:

Technical Elective Courses	College Credits
GEB 2138 E-Business Law and Ethics.....	3
ACG 2001 Accounting I.....	3
ACG 2011 Accounting II.....	3
OST 2335 Business Communications.....	3
MNA 2100 Organizational Behavior.....	3
MAR 2011 Introduction to Marketing.....	3
ACG 2071 Managerial Accounting.....	3
MTB 1103 Business Math.....	3
CGS 1570 Microcomputer Applications for Business.....	3
CTS 2101 Introduction to Windows.....	3
GEB 1940 Internship - Business.....	3
ECO 2013 Economics I.....	3
CGS 1550 Introduction to the World Wide Web.....	3
CGS 2930 E-Commerce Seminar.....	3
_____ Other Approved College Credits.....	3

**Total Technical Elective Credits Required ..... 9**

**Total Program Credits Required.....24**



## • E-BUSINESS SOFTWARE

### Admission Program of Study Code 6151

#### College Credit Certificate

Students who successfully complete this certificate will have completed 21 credits applicable to the E-Business Technology A.A.S. Degree program.

Core Courses	College Credits
GEB 1011 Introduction to Business .....	3
GEB 1136 Foundations of E-Business .....	3
COP 1006 Introduction to Programming Concepts and Logic.....	3
CGS 2820 Web Authoring with HTML.....	3
CGS 1172 Web-Based Programming I.....	3

**Total Core Credits Required .....** 15

#### TECHNICAL ELECTIVES

With the help of an advisor, select 6 credits from the following:

Technical Elective Courses	College Credits
GEB 2138 E-Business Law and Ethics.....	3
CTS 2101 Introduction to Windows .....	3
COP 2800 Introduction to JAVA Programming.....	3
CIS 1000 Introduction to Computer Science.....	3
CGS 2541 Database Concepts.....	3
CGS 2840 E-Commerce Technologies.....	3
CGS 2930 E-Commerce Seminar .....	3
CGS 2844 E-Commerce Security .....	3
CGS 2173 Web-Based Programming II.....	3
GEB 2430 Business Ethics .....	3
MKA 2041 Retail Management.....	3
MKA 2511 Introduction to Advertising .....	3
CGS 1843 Introduction to E-Commerce .....	3
CGS 1550 Introduction to the World Wide Web .....	3
CIS 1940 Internship - Computer Science.....	3
_____ Other Approved College Credits.....	3

**Total Technical Elective Credits Required .....** 6

**Total Program Credits Required.....** 21

## • E-BUSINESS TECHNOLOGY

### Admission Program of Study Code 6152

#### College Credit Certificate

Students who successfully complete this certificate will have completed twenty-one (21) credits applicable to the Business Administration A.A.S. and/or the E-Business Technology A.A.S. Degree program.

Core Courses	College Credits
CIS 1000 Introduction to Computer Science.....	3
GEB 1136 Foundations of E-Business .....	3
CTS 2101 Introduction to Windows .....	3
CET 1660 Intro to Network Security.....	3

**Total Core Credits Required .....** 12

#### TECHNICAL ELECTIVES

With the help of an advisor, select 9 credits from the following:

Technical Elective Courses	College Credits
CDA 2500 Network Technology .....	3
GEB 1011 Introduction to Business .....	3
GEB 2138 E-Business Law and Ethics.....	3
COP 1006 Introduction to Programming Concepts and Logic.....	3
CGS 2820 Web Authoring with HTML.....	3
CGS 1172 Web-Based Programming I.....	3
COP 2800 Introduction to JAVA Programming.....	3
CGS 2541 Database Concepts.....	3
CGS 2840 E-Commerce Technologies.....	3
CGS 2930 E-Commerce Seminar .....	3
CGS 2844 E-Commerce Security .....	3
CGS 2173 Web-Based Programming II.....	3
GEB 2430 Business Ethics .....	3
MKA 2041 Retail Management.....	3
MKA 2511 Introduction to Advertising .....	3
CGS 1550 Introduction to the World Wide Web .....	3
CIS 1940 Internship - Computer Science.....	3
_____ Other Approved College Credits.....	3

**Total Technical Elective Credits Required .....** 9

**Total Program Credits Required.....** 21

## • EMERGENCY ADMINISTRATOR AND MANAGER

### Admission Program of Study Code 6093

#### College Credit Certificate

Students who successfully complete this certificate will have completed 24 credits applicable to the Emergency Administration and Management A.A.S. Degree Program.

Core Courses	College Credits
FFP 1881 Emergency Management Leadership.....	3
FES 1002 Intro to State and County Government .....	1
DSC 1552 Critical Infrastructure Protection .....	3
FFP 1202 Basic Search and Rescue .....	3
FFP 1826 Incident Management .....	2
FFP 1800 Disaster Education for Individuals and the Community .....	2
DSC 2214 Disaster Response Operation .....	3
FFP 1890 Emergency Management for the Tourism/Hospitality Industry .....	2
FFP 1880 Political and Policy Basis of Emergency Response .....	2
_____ College Credit Electives (Fire Science, Criminal Justice, Industrial Safety, Emergency Administration, or Homeland Security courses recommended)...	3

**Total Program Credits Required.....** 24

## • EMERGENCY MEDICAL TECHNICIAN

Admission Program of Study Code 6096

### College Credit Certificate

Admission will be through a limited access application process. Graduates of this program will be eligible to apply for the examination to become a Florida certified Emergency Medical Technician and a National Registry Emergency Medical Technician Basic. Students interested in pursuing this program should contact the Emergency Medical Services office at (850) 729-4924.

Core Courses	College Credits
EMS 1119C Emergency Medical Technician.....	6
EMS 1335 Emergency Vehicle Operator.....	1
EMS 1401L EMT Lab .....	4

**Total Program Credits Required..... 11**

## • GRAPHICS DESIGN PRODUCTION

Admission Program of Study Code 6440

### College Credit Certificate

Students who successfully complete this certificate may receive twenty-four (24) credits toward the requirements of the Graphics Technology A.A.S. Degree program.

Core Courses	College Credits
GRA 1121C Desktop Publishing I.....	3
GRA 1122C Desktop Publishing II.....	3
GRA 1162C Intro to 3D Graphics.....	3
ART 2602C Digital Imaging I.....	4
ART 2603C Digital Imaging II.....	4
ART 1600C Computer Art I.....	3
GRA 2142C Web Design/Graphics.....	4

**Total Program Credits Required..... 24**

## • GRAPHICS DESIGN SUPPORT

Admission Program of Study Code 6441

### College Credit Certificate

Students who successfully complete this certificate may receive fifteen (15) credits toward the requirements of the Graphics Technology A.A.S. Degree program.

Core Courses	College Credits
GRA 1121C Desktop Publishing I.....	3
ART 1600C Computer Art I.....	3
ART 2602C Digital Imaging I.....	4
GRA 2142C Web Design/Graphics .....	4
GRA 2900 Independent Study - Graphic Art.....	1

**Total Program Credits Required..... 15**

## • HOMELAND SECURITY EMERGENCY MANAGER

Admission Program of Study Code 6094

### College Credit Certificate

Students who successfully complete this certificate will have completed 24 credits applicable to the Emergency Administration and Management A.A.S. Degree Program.

Core Courses	College Credits
DSC 1004 Introduction to the NRP and NIMS.....	3
DSC 1013 Domestic and International Terrorism .....	3
DSC 1552 Critical Infrastructure Protection .....	3
DSC 1751 Homeland Security Policy and Law .....	3
DSC 1222 Psychological Management of Disaster/Terror Victims.....	3
DSC 1631 Planning Considerations for Terror Prevention ...	3
DSC 1562 Homeland Security Threat Strategy .....	3
College Credit Electives (Fire Science, Criminal Justice, Industrial Safety, Emergency Administration, or Homeland Security courses recommended)...	3

**Total Program Credits Required..... 24**

## • INFANT/TODDLER

Admission Program of Study Code 6022

### College Credit Certificate

Students who successfully complete this program may apply these credits to the Early Childhood Education A.A.S.

Core Courses	College Credits
CHD 2322 Programs for Young Children.....	3
CHD 2432A Curriculum for Young Children I.....	3
DEP 2100 Child Growth and Development I.....	3
CHD 1312 Infant and Toddler.....	3

**Total Program Credits Required..... 12**

## • INFORMATION TECHNOLOGY MANAGEMENT

### Admission Program of Study Code 6146

#### College Credit Certificate

Students who successfully complete this certificate will have completed 30 credits applicable to the Computer Information Administrator A.S. Degree.

Core Courses	College Credits
CGS 1570	Computer Applications for Business ..... 3
CGS 1550	Introduction to the World Wide Web ..... 3
CTS 2101	Introduction to Windows ..... 3
CDA 2500	Network Technology ..... 3
CET 1660	Intro to Network Security..... 3

**Total Core Credits Required ..... 15**

#### TECHNICAL ELECTIVES

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

Technical Elective Courses	College Credits
COP 1006	Intro. to Programming Concepts and Logic ..... 3
CGS 1100	Microcomputer Applications..... 3
CGS 1843	Introduction to Electronic Commerce ..... 3
CIS 1940	Internship in Computer Studies..... 3
CIS 1000	Introduction to Computer Science..... 3
CGS 1760	Fundamentals of Unix..... 4
CGS 2763	Unix Administration ..... 3
CDA 2523	Windows Client Operating System ..... 3
CDA 2525	Windows Server Environment..... 3
CTS 1171	Desktop Support ..... 3
_____	Other Approved College Credits ..... _

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

**Total Program Credits Required..... 30**

## • INFORMATION TECHNOLOGY TECHNICIAN

### Admission Program of Study Code 6145

#### College Credit Certificate

Students who successfully complete this certificate will have completed 21 credits applicable to the Network Administrator A.A.S. Degree.

Core Courses	College Credits
CGS 1550	Introduction to the World Wide Web ..... 3
CDA 2500	Network Technology ..... 3
CDA 2523	Windows Client Operating System ..... 3
CET 1660	Introduction to Network Security..... 3

**Total Core Credits Required ..... 12**

#### TECHNICAL ELECTIVES

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

Technical Elective Courses	College Credits
CTS 2101	Introduction to Windows ..... 3
CGS 1570	Computer Applications for Business..... 3
CGS 1843	Introduction to Electronic Commerce ..... 3
CIS 1940	Internship in Computer Studies..... 3
COP 1006	Intro. to Programming Concepts and Logic ..... 3
CGS 1100	Microcomputer Applications..... 3
CIS 1000	Introduction to Computer Science..... 3
CGS 1760	Fundamentals of Unix..... 4
CGS 2763	Unix Administration ..... 3
CDA 2525	Windows Server Environment..... 3
CTS 1171	Desktop Support ..... 3
_____	Other Approved College Credits..... _

**Total Technical Electives Required..... 9**

**Total Program Credits Required..... 21**

## • LAW ENFORCEMENT BASIC

### Admission Program of Study Code 5092

Students who successfully complete this program and pass the State of Florida State Officer Certification Exam (SOCE) may apply these credits to the Criminal Justice Technology, Law Enforcement/Corrections Academy Option, A.A.S.

#### Career and Technical or Vocational Credit Certificate

Core Courses	Vocational Credits
CJK 0007	Intro to Law Enforcement ..... 0.40
CJK 0008	Legal ..... 2.40
CJK 0017	Communications ..... 2.60
CJK 0011	Human Issues..... 1.40
CJK 0061	Patrol I..... 2.00
CJK 0062	Patrol II..... 1.40
CJK 0076	Crime Scene Investigations ..... 0.80
CJK 0071	Criminal Investigations ..... 1.90
CJK 0081	Traffic Stops ..... 1.60
CJK 0086	Traffic Crash Inv ..... 1.10
CJK 0020	CMS Vehicle Ops..... 1.60
CJK 0031	First Aid for CJ Officers ..... 1.60
CJK 0040	CMS Firearms..... 2.70
CJK 0051	CMS Defensive Tactics..... 2.70
CJK 0422	Dart-Firing Stun Gun..... 0.30
CJK 0096A	CJ Physical Fitness I..... 0.70
CJK 0096B	CJ Physical Fitness II ..... 0.70
CJK 0096C	CJ Physical Fitness III ..... 0.70

**Total Program Credits Required..... 26.6**

**NOTE:** Entry into Criminal Justice Certificate Programs requires meeting the standards as established by the Criminal Justice Standards and Training Commission and the Florida Department of Law Enforcement for employment. A copy of these requirements will be furnished by the Public Safety Division at NWF State College.

## • | MARKETING OPERATIONS

Admission Program of Study Code 6382

### College Credit Certificate

Students who successfully complete this certificate may receive twenty-four (24) credits toward completion of the Business Administration A.A.S. Degree program.

Core Courses	College Credits
GEB 1011 Introduction to Business .....	3
MAR 2011 Introduction to Marketing .....	3
MKA 2021 Professional Selling.....	3
CGS 1100 Microcomputer Applications.....	3
CTS 2101 Intro. to Windows .....	3
OST 2335 Business Communications.....	3
<b>Total Core Credits Required .....</b>	<b>18</b>

### TECHNICAL ELECTIVES

With the approval of an advisor, select 6 credits from the following:

Technical Elective Courses	College Credits
ACG 2001 Accounting I.....	3
BUL 2241 Business Law I.....	3
GRA 1121C Desktop Publishing .....	3
MNA 2100 Organizational Behavior .....	3
MKA 2511 Advertising.....	3
MTB 1103 Business Math.....	3
CGS 1570 Computer Applications for Business.....	3
MKA 2041 Retail Management.....	3
CGS 1550 Introduction to the World Wide Web .....	3
GEB 1940 Internship-Business.....	3-6
(can be completed two times for credit)	
<b>Total Technical Elective Credits Required .....</b>	<b>6</b>
<b>Total Program Credits Required.....</b>	<b>24</b>

## • | MEDICAL CODER/BILLER

Admission Program of Study Code B580

### Applied Technology Diploma

Students who successfully complete this program may apply these credits to the Health Services Management Degree, A.A.S.

Core Courses	College Credits
HSC 1531 Medical Terminology.....	3
HIM 1000 Introduction to Health Information Management .....	3
BSC 1080 Essentials of Anatomy & Physiology.....	3
HIM 1273C Medical Billing.....	2
HIM 1282 Basic Coding for Medical Records .....	4
HIM 2283C Advanced Coding for Medical Records .....	5
HIM 2432 Pathophysiology .....	4
HSA 1100 Introduction to Health Care.....	2
<b>Total Program Credits Required.....</b>	<b>26</b>

**Note:** Students must have a High School Diploma or GED to graduate from this program.

## • | MEDICAL OFFICE MANAGEMENT

Admission Program of Study Code 6101

### College Credit Certificate

Students who successfully complete this certificate will have 34 credits applicable to the Office Administration A.A.S. Degree program.

Core Courses	College Credits
OST 1107 Word Processing & Typewriting I.....	3
OST 2117 Word Processing & Typewriting II .....	3
OST 2401 General Office Management.....	3
HIM 1000 Introduction to Health Information Management .....	3
HSC 1531 Medical Terminology.....	3
OST 2335 Business Communications.....	3
CGS 1100 Microcomputer Applications.....	3
<b>Total Core Credits Required .....</b>	<b>21</b>

### TECHNICAL ELECTIVES

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

Technical Elective Courses	College Credits
OST 1355 Records Management .....	3
ACG 2001 Accounting I.....	3
ACG 2011 Accounting II.....	3
ACG 2071 Managerial Accounting.....	3
MTB 1103 Business Math .....	3
CGS 1570 Microcomputer Applications for Business.....	3
CTS 2101 Introduction to Windows .....	3
GEB 1940 Internship - Business.....	3
ECO 2013 Economics I .....	3
CGS 1550 Introduction to the World Wide Web .....	3
BUL 2241 Business Law I.....	3
GEB 2430 Business Ethics .....	3
BSC 1080 Essentials of Anatomy & Physiology.....	3
HIM 1282 Basic Coding for Medical Records .....	3
HIM 1273C Medical Billing.....	3
HIM 2283C Advanced Coding for Medical Records .....	5
HIM 2432 Pathophysiology .....	4
HSA 1100 Introduction to Health Care.....	3
_____ Other Approved College Credits.....	3
<b>Total Technical Elective Credits Required .....</b>	<b>13</b>
<b>Total Program Credits Required.....</b>	<b>34</b>

## • | MICROCOMPUTER REPAIR/INSTALLER

Admission Program of Study Code 6142

### College Credit Certificate

Students who successfully complete this certificate will have completed 15 credits applicable to the Computer Engineering Technology, COMP TIA A+ Certification Option, A.A.S.

Core Courses	College Credits
CET 2173C Microcomputer Servicing.....	4
CET 2171C PC Hardware A+ .....	3
CET 2178C Operating Systems .....	3
CTS 1171 Desktop Support .....	3
CET 2905 Independent Study.....	1
CET 2905A Independent Study.....	1
<b>Total Program Credits Required.....</b>	<b>15</b>

## • OFFICE MANAGEMENT

### Admission Program of Study Code 6100

#### College Credit Certificate

Students who successfully complete this certificate may receive twenty-seven (27) credits toward the requirements of the Office Administration A.A.S. Degree program.

Core Courses	College Credits
OST 1107 Word Processing I.....	3
OST 2117 Word Processing II.....	3
OST 2401 General Office Management.....	3
OST 2335 Business Communications.....	3
CGS 1100 Microcomputer Applications.....	3

**Total Core Credits Required..... 15**

#### TECHNICAL ELECTIVES

With the approval of an advisor, select 12 credits from the following:

Technical Elective Courses	College Credits
CTS 2101 Introduction to Windows.....	3
GEB 1940 Internship - Business.....	3-6
(can be completed two times for credit)	
MAN 2021 Management.....	3
MTB 1103 Business Math.....	3
ACG 2001 Accounting I.....	3
OST 1355 Records Management.....	3
BUL 2241 Business Law I.....	3
GEB 1011 Introduction to Business.....	3
CGS 1570 Microcomputers for Business.....	3
_____ Other Approved College Credits.....	3-9

**Total Technical Elective Credits Required..... 12**

**Total Program Credits Required..... 27**

## • OFFICE SPECIALIST

### Admission Program of Study Code 6102

#### College Credit Certificate

Students who successfully complete this certificate will have 18 credits applicable to the Office Administration A.A.S. Degree program.

Core Courses	College Credits
OST 1107 Word Processing & Typewriting I.....	3
OST 1355 Records Management.....	3
OST 2335 Business Communications.....	3
CGS 1100 Microcomputer Applications.....	3

**Total Core Credits Required..... 12**

#### TECHNICAL ELECTIVES

With the approval of an advisor, select 6 credits from the following:

Technical Elective Courses	College Credits
OST 2117 Word Processing & Typewriting II.....	3
ACG 2001 Accounting I.....	3
ACG 2011 Accounting II.....	3
ACG 2071 Managerial Accounting.....	3
MTB 1103 Business Math.....	3
CGS 1570 Microcomputer Applications for Business.....	3
CTS 2101 Introduction to Windows.....	3
GEB 1940 Internship-Business.....	3
ECO 2013 Economics I.....	3
CGS 1550 Introduction to the World Wide Web.....	3
BUL 2241 Business Law I.....	3
GEB 2430 Business Ethics.....	3
_____ Other Approved College Credits.....	_____

**Total Technical Elective Credits Required..... 6**

**Total Program Credits Required..... 18**

## • PARAMEDIC

### Admission Program Objective Code 6095

#### College Credit Certificate

Admission will be through a limited access application process. Graduates will be eligible to sit for the Paramedic certification exam. The curriculum forms the core of the Emergency Medical Services A.S. degree; students may "add on" general education credits and some college credit electives to the Paramedic certificate and earn the A.S. degree. Students interested in pursuing this program should contact the Emergency Medical Services office at (850) 729-4924.

Students who successfully complete this program may apply these credits to the Health Services Management Degree, A.A.S.

Core Courses	College Credits
EMS 1337 Defensive Tactics.....	1
BSC 2020C Human Structure and Function.....	4
EMS 2231C Paramedic Processes I.....	5
EMS 2232C Paramedic Processes II.....	5
EMS 2233 Paramedic Processes III.....	2
EMS 2342 Advanced Extrication.....	1
EMS 2425 Paramedic Externship.....	4
EMS 2435L Paramedic Lab I.....	5
EMS 2436L Paramedic Lab II.....	5
EMS 2438C Advanced Clinical Internship.....	2
EMS 2526 Twelve-Lead Electrocardiogram (EKG) Interpretation.....	1
EMS 2553 Pediatric Advanced Life Support.....	1
EMS 2555 Basic Trauma Life Support.....	1
EMS 2552 Adv Cardiac Life Support.....	1
DSC 2055 Issues In Disaster Response.....	1
HSC 1531 Medical Terminology.....	3

**Total Program Credits Required..... 42**

## • | PRESCHOOL

### Admission Program of Study Code 6024

#### College Credit Certificate

Students who successfully complete this program may apply these credits to the Early Childhood Education A.A.S.

Core Courses	College Credits
CHD 2322 Programs for Young Children.....	3
CHD 2432A Curriculum for Young Children I.....	3
DEP 2100 Child Growth and Development I.....	3
CHD 1430 Observing and Recording Child Behavior .....	3

**Total Program Credits Required..... 12**

## • | STAGE TECHNOLOGY

### Admission Program of Study Code 6585

#### College Credit Certificate

Students who successfully complete this program may apply these credits to the Theater and Entertainment Technology, Technical Theater Option, A.A.S.

Core Courses	College Credits
TPA 1210 Stagecraft .....	3
TPA 1290 Tech Theatre Lab I (Scenic).....	3
TPA 2220 Tech Theatre Lab II (Lighting) .....	3
TPA 2600 Stage Management.....	3
— — Approved Theatre Electives* .....	5

**Total Program Credits Required..... 17**

\* THE 2071; THE 2080; THE 2820; TPA 2232; TPP 2110; TPP 2118; TPP 2119; TPP 1190; TPP 1191; TPP 1192; TPP 2301; TPP 2302

## • | SURGICAL TECHNOLOGY

### Admission Program of Study Code 5010

#### Career and Technical or Vocational Credit Certificate

This program is a limited admission program subject to additional program policies and requirements stipulated in the "Surgical Technology Student Handbook". The admission criteria and process are subject to change; students should contact the Nursing and Allied Health Department for the most current information.

**NOTE:** This program will not be offered during 2008-09. Although the college has no immediate plans to close the program, there will be a hiatus in the admission process. In the meantime, students are encouraged to consider one of the other health-related programs offered by the college, including a new A.A.S degree in Health Care Management. Contact Health Technology for more information at (850) 729-6444.

Core Courses	Vocational Credits
STS 0805* Basic Anatomy & Physiology I.....	2
STS 0806* Basic Anatomy & Physiology II.....	2
STS 0804C Surgical Microbiology.....	2
HSC 0001** Orientation to Health Care .....	1
STS 0003 Introduction to Surgical Technology .....	2
STS 0807 Principles & Practice of Surgical Technology Theory .....	2
STS 0808L Principles & Practice of Surgical Technology Lab.....	6
STS 0803 Pharmacology & Anesthesia for the Surgical Technologist.....	1
STS 0810A Surgical Procedures I.....	5
STS 0255L Surgical Technology I Clinical Practice .....	8
STS 0936 Seminar in Surgical Technology .....	2
STS 0820 Surgical Procedures II.....	3
STS 0256L Surgical Technology II Clinical Practice.....	8

**Total Program Credits Required ..... 44**

\* BSC 2020C may be substituted for STS 0805 and STS 0806.

\*\* This course requires basic computer skills. Students requiring basic computer skills are encouraged to enroll in CGS 1100, Microcomputer Applications, or CTS 2101, Introduction to Windows. (See Northwest Florida State College Schedule of Classes for availability.)