

CATALOG

2002 -2003
Addendum

Applicable for new students entering Spring Semester, catalog 2002-2003



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Programs

Program	Page	Change	Effective
ARTS & LANGUAGES			
Multimedia Technology – Television and Film Production, A.S.	p. 79	Add new course RTV 1240	January, 2003
AUTOMOTIVE			
No changes			
BUSINESS, LEGAL AND OFFICE SYSTEMS			
Business Administration, A.A.S.	p. 90	Add five new Project Management courses to electives list MNA 1031 MNA 1032 MNA 1034 MNA 1035 MNA 1036	January, 2003
Legal Assistant/Paralegal, A.S.	p. 89	Under Notes: *Students transferring to UCF under the Articulation Agreement must select one of the following courses for the Social Science General Education course: SYG 2000 (not SYG 1000), PSY 2012 or ANT 2000	August, 2002
CONSTRUCTION, ENGINEERING & DESIGN			
Building Construction Technology, Career Vocational Certificate (Formerly Building Maintenance Technology)	p. 99	Program title change Add BCV 0461 Add BCV 0462 Change BCV 0403 – times repeatable, title, and catalog description Change BCV 0404 – times repeatable, title and catalog description	August, 2002
Form Carpentry, Career Vocational Certificate	N/A	Program change – this 2 year program replaces the former 4 year carpentry program Add BCV 0051 Add BCV 0138 Add BCV 0126L Add updated BCV 0124 – change in title, and content Add updated BCV 0121L – change in title, hours, and content Add updated BCV 0127 – change in title and content	August, 2002

Program	Page	Change	Effective
<hr/>			
EDUCATION & CHILD CARE Early Childhood Management, A.S.	p. 106	Add EEC 2527 as an elective	January, 2003
HEALTH PROFESSIONS No Changes			
INFORMATION TECHNOLOGY Digital Media – Graphic Design Specialization, A.S. (Formerly Multimedia Technology – Graphic Design)	p. 119	Add GRA 2830C as support course Add GRA 2832C as elective Add GRA 2581 as elective Add GRA 2582 as elective Add GRA 2142C as elective Add any RTV course as elective Add any ART course as elective Add any PGY course as elective Add any MUT course as elective Add MUC 1342 as elective Add OST 2335C as elective Delete specific courses with RTV, ETD, ART, PGY prefixes in elective list	January, 2003
Digital Media – Web Design Specialization, A.S. (Formerly Multimedia Technology – Web Design)	p. 120	Program title change Add GRA 2830C as support course Add GRA 2832C as elective course Add GRA 2581 as elective course Add GRA 2582 as elective course Add GRA 2154C as option to CET 1515C under major courses. GRA 2152C Adobe Illustrator II should be listed under electives, not GRA 2151C Add any RTV course as elective Add any ART course as elective Add any PGY course as elective Add any MUT course as elective Add MUC 1342 as elective Add OST 2335C as elective Delete specific courses with RTV, ETD, ART, PGY prefixes in elective list	January, 2003
e-Business Technology, Software Specialization, A.S.	p. 117	Program change Add three credits to support courses. Move from electives to support courses, choice of 1 of 3 programming language courses (COP 2224, COP 1332, or COP 2800). Delete 3 credits from electives. Delete the list of specific courses under electives and substitute the following: Choose two (2) from the following list: Any CGS (2000 level only), or any CIS or COP course.	January, 2003

Program	Page	Change	Effective
e-Business Technology, Technology Specialization, A.S.	p. 118	Delete CET 1652C and GEB 1136 under Major courses. Delete all electives. Increase support courses from 6 to 18 credits. Students must choose one of two tracks (UNIX or Microsoft).	January, 2003
Internet Services Technology, Internet/Intranet Track A.S.	p. 119	Add to elective list: Any CIS course Any CTS course	January, 2003
Networking Services Technology, Microsoft Track, A.S.	p. 120	Add to elective list Any CIS course Any CTS course	January, 2003
Networking Services Technology, Novell Track, A.S.	p. 121	Add to elective list Any CIS course Any CTS course	January, 2003
NATURAL SCIENCES			
No Changes			
PUBLIC SAFETY			
Fire Science Technology, A.S.	p. 130	Correct errors Add FFP 1740 and FFP 1811 under major courses. Add FFP 2706 and SPC 1600 under support courses. Under support courses – reduce from 27 to 21 credits. Add to the description: Students must complete a minimum of 15 credit hours at Seminole Community College.	August, 2002
SOCIAL SCIENCES			
Social Work, A.A.	p. 137	Under Major Pre-requisite Courses SYG 1000 should be SYG 2000	August, 2002
Sociology, A.A.	p. 138	Under Major Pre-requisite Courses SYG 1000 should be SYG 2000	August, 2002

A.S. Degree, Multimedia Technology Television and Film Production

Degree, Diploma or Certificate Type: AS

Major Code: MMTFP-AS CIP: 1610010202

This program is designed for students who intend to seek employment in the television industry and/or related fields. The curriculum provides instruction in both introductory and advanced techniques essential to the profession. Courses will allow students access to high-end cameras, editing suites and video graphics, and provide an opportunity to produce broadcast-quality productions. Students will graduate from the program with a complete portfolio.

Major Courses

RTV1300	Introduction to Television Production I	3
RTV1241	Introduction to Television Production II	3
RTV2245C	Electronic Field Production	4
RTV2250	Video Post Production	3
RTV2251	Advanced Editing	3
RTV2925	TV Workshop	3
RTV2942	Cooperative Education Internship in Television Production	2

Support Courses

GRA2101	Introduction to Computer Graphics	3
GRA2162	3-D Modeling/Animation I	3
PGY2401C	Photography I	3

Choose one:

ARC1301	Architectural Design I	
ART1201C	Design Fundamentals I	

Electives

ART1203C	Design Fundamentals II	3
ENG2100	The Art of Film	3
ETD2377C	3-D Studio Viz	3
ETD2378C	3-D Studio Viz Advanced	3
GRA2577	Electronic Imaging I	3
GRA2122	Digital Publishing II	3
OST1100C	Microcomputer Keyboarding I	3
RTV2206	Television Directing	3
RTV2949	Cooperative Education Internship in Television Production	3
THE1304	Script Analysis	3
TPP2111	Acting II	3
RTV1240	Introduction to Audio Production	4

General Education Courses

ENC1101	English I	3
	Any General Education course; recommended: ARH 2051 - Art History II	3
	Humanities General Education course; recommended: ARH2050 - Art History	3
	Mathematics or Science General Education course	3
	Social Science General Education course	3
	Total Credits: 64	

A.A.S. Degree, Business Administration

Degree, Diploma or Certificate Type: AAS

Major Code: BAMGT-NT CIP: 0506040102

The purpose of the Associate in Applied Science (A.A.S.) degree in Business Administration is to prepare students for employment in mid-management positions in a variety of business environments as managers, or to provide supplemental training for persons previously or currently employed in management occupations. The A.A.S. degree is not transferable to Florida state universities.

Major Courses

ACG2021C	Principles of Financial Accounting	3
BUL2241	Business Law I	3
BUL2242	Business Law II	3
FIN2001	Business Finance	3
GEB1011	Introduction to Business	3
MAN2021	Introduction to Management	3
MAN2300	Human Resources Management	3
MAR2011	Marketing	3
MKA2021	Principles of Salesmanship	3
OST2335C	Business Communications	3
QMB1001	Business Mathematics	3

Support Courses

CGS1060	Basic Computer Concepts	3
CGS2100C	Microcomputer Software Packages or OST2314C - Microsoft Office Applications	3

Choose 10 credit hours from the following list of electives. 10

APA1111C	Office Systems Accounting I	
CGS1510C	Spreadsheet Applications or OST2318C - Microsoft Excel	
ENC1210	Technical Writing	
MAN2800	Small Business Management	
MAN2941	Cooperative Education Internship in Business	
MAN2942	Cooperative Education Internship in Business	
MAN2949	Cooperative Education Internship in Business	
MNA1161	Customer Service Concepts	
MNA1031	Successful Project Management	
MNA1032	Successful Project Facilitation	
MNA1034	Project Cost Estimating	
MNA1035	Successful Project Execution	
MNA1036	Project Methodology	
OST1191C	Keyboarding	
OST2821C	Microsoft Publisher	
OST2826C	PowerPoint	
SPC1600	Introduction to Oral Communication	

General Education Courses

ENC1101	English I	15
	General Education course, any area	3
	Humanities General Education course	3
	Mathematics or Science General Education course	3
	Social Science General Education course	3
	Total Credits: 64	

Construction Apprenticeship, Building Construction Technology

Degree, Diploma or Certificate Type: VC

Major Code: BMT-VC CIP: 0646040102

Apprenticeship training at Seminole Community College is provided in conjunction with local contractors and construction associations. Areas of study include building maintenance, commercial ventilation, air conditioning and refrigeration, electricity, fire sprinkler, mobile crane operation, plumbing and sheet metal.

Training covers a specified period of time during which the apprentice learns a skill or trade under the supervision of a competent craftsman. Each apprentice must complete specified hours of on-the-job training and related classroom instruction. Standards provide for a schedule of work processes, from simple to the most complex, which the apprentice must follow during the on-the-job training. The apprentice's wages increase as skills and knowledge increase.

This is a limited access program. Candidates must: (a) apply and be accepted at Seminole Community College, (b) be at least 18 years of age; (c) be physically capable of performing the work of the respective trade; (d) be able to read and write English; (e) provide one work and two character reference letters; (f) provide proof of Florida residency for the waiver status; (g) be employed by the sponsoring company, and (h) be a member of the sponsoring association.

Total program hours: 4,360.2

Major Courses

BCV0051	Introduction to the Construction Industry	90
BCV0460	Advanced Maintenance I	90
BCV0403	Maintenance OJT (Take two times)	640
BCV0404	Maintenance OJT (Take four times)	680
BCV0461	Fundamentals of Maintenance II	90
BCV0462	Advanced Maintenance II	90
Total Credits:		145.33

Form Carpentry

Major Code: FORM-VC CIP Code: 0646020105

This is a limited access program. Candidates must: (a) apply and be accepted to Seminole Community College; (b) be at least 18 years of age; (c) be physically capable of performing the work of the respective trade; (d) be able to read and write English; (e) provide one work and two character reference letters; (f) provide proof of residency for the waiver status; (g) be employed by the sponsoring company; and (h) be a member of the sponsoring association. NOTE: Upon sponsored apprenticeship programs also require official transcripts indicating the successful completion of high school or GED.

Course Number	Name	Hours	Voc. Credits
BCV0051	Introduction to the Construction Industry	90	3.00
BCV0124	Advanced Form Carpentry I	90	3.00
BCV0127	Fundamentals of Form Carpentry II	90	3.00
BCV0138	Advanced Form Carpentry II	90	3.00
BCV0121L	Form Carpentry OJT (Take two times)	1,280	42.67
BCV0126L	Form Carpentry OJT (Take four times)	2,720	90.67
Total		4,360.20	145.33

A.S. Degree, Early Childhood Management

Degree, Diploma or Certificate Type: AS

Major Code: CHLDM-AS CIP: 1420020300

The purpose of this program is to prepare students for employment as managers, directors or coordinators of developmental education programs for young children. The training received in this program will assist the student in meeting the Florida Child Development Associate (CDA) licensing requirement.

Major Courses

ARE2002	Art and Creative Expression	3
EEC2949	Cooperative Education in Early Childhood Education	3
EEC1004	Internship-Infant Toddler	3
EEC1940	Internship-Preschool	3
EEC2946	Leadership in Early Childhood Management	3
EEC1000	Child Growth and Development	3
EEC1600	Child Care Management	3
EEC1601	Observing and Guiding Children's Behavior	3
EEC2200	Educational Practices in Early Childhood Education	3
EEC2401	Families and Community	3
MUE2010	Music and Movement	3

Choose one elective:

EEC2527	Childcare Education Financial and Legal Issues	3
EEC2942	Cooperative Education Internship in Child Development	
EEC2943	Internship - Special Needs	
EEC2945	Internship - Family Day Care	

Support Courses

GEB1011	Introduction to Business	3
HUN1201	The Principles of Nutrition	3
MAN2021	Introduction to Management	3
QMB1001	Business Mathematics	3

General Education Courses

DEP2004	Developmental Psychology	3
ENC1101	English I	3
PSY2012	General Psychology	3
	Humanities General Education course	3
	Mathematics or Science General Education course	3
	Total Credits: 63	

A.S. Degree, Digital Media, Graphic Design Specialization

Degree, Diploma or Certificate Type: AS

Major Code: MMCGR-AS CIP: 1610010202

This program is designed to prepare students to use computers, in combination with text, graphics and various software programs to produce professional quality publications, illustrations, and Web-related technology for print, film and animation. A strong focus of the program will be graphic design and page layout.

Students completing this degree will be prepared for employment in advertising agencies, reproduction firms, Web-related enterprises and publishing firms as graphic designers, illustrators and desktop publishers.

Major Courses

GRA2121	Desktop Publishing Using QuarkXPress	3
GRA2122	Digital Publishing II	3
GRA2124	Layout and Design	3
GRA2151C	Adobe Illustrator I	3
GRA2577	Electronic Imaging I	3
GRA2930	Selected Studies in Computer Graphics: Career Paths	1

Support Courses

ARC1301	Architectural Design I	3
GRA1331C	Production Theory, Media, and Practices	3
GRA2101	Introduction to Computer Graphics	3
GRA2162	3-D Modeling/Animation I	3
GRA2152C	Adobe Illustrator II	3
GRA2207C	Electronic Imaging II	3
GRA2830C	3-D Modeling and Animation II or ETD2377C 3-D Studio Viz	3

Choose four courses from the following list: 12

ARTXXXXX	Any ART course	
GRA2142C	Web Effects I	
GRA2157C	Computer Graphics for Illustrators	
GRA2160	Computer Animation I	
GRA2581	Digital Media Authoring I	
GRA2582	Digital Media Authoring II	
GRA2832C	Advanced 3-D Modeling and Animation III	
GRA2949	Cooperative Education Internship in Computer Graphics	
MUC1342	Musical Instrument Digital Interface Technology (MIDI)	
MUTXXXXX	Any MUT course	
OST2335C	Business Communications	
PGYXXXXX	Any PGY course	
RTVXXXXX	Any RTV course	

General Education Courses

ENC1101	English I	3
	Any General Education course recommended: ARH 2051 - Art History II	3
	Humanities General Education course recommended: ARH 2050 - Art History I	3
	Mathematics or Science General Education course	3
	Social Science General Education course	3
	Total Credits: 64	

A.S. Degree, Digital Media, Web Design Specialization

Degree, Diploma or Certificate Type: AS

Major Code: MMWEB-AS CIP: 1610010202

This specialization emphasizes the important World of Web Design. Students will incorporate Web-related skills learned in a variety of software applications in order to create effective and graphically well designed sites, which utilize special 2-D and 3-D Web effects in applications.

Major Courses		10
GRA1331C	Production Theory, Media, and Practices	3
GRA2207C	Electronic Imaging II	3
GRA2142C	Web Effects I	3
GRA2804C	Web Effects II	3
GRA2144C	Web Publishing	3
GRA2154C	Web Publishing II or CET 1515C Web Authoring and Publishing	3
GRA2930	Selected Studies in Computer Graphics: Career Paths	1
Support Courses		
ARC1301	Architectural Design I	3
GRA2577	Electronic Imaging I	3
GRA2101	Introduction to Computer Graphics	3
GRA2162	3-D Modeling/Animation I	3
GRA2151C	Adobe Illustrator I	3
GRA2124	Layout and Design	3
GRA2830C	3-D Modeling and Animation II or ETD2377C 3-D Studio Viz	3
Choose 9 credits of electives from the following list:		9
GRA2942	Cooperative Education Internship in Computer Graphics	
ARTXXXX	Any ART course	
GRA2121	Desktop Publishing Using QuarkXPress	
GRA2152C	Adobe Illustrator II	
GRA2157C	Computer Graphics for Illustrators	
GRA2160	Computer Animation I	
GRA2581	Digital Media Authoring I	
GRA2582	Digital Media Authoring II	
GRA2832C	Advanced 3-D Modeling and Animation III	
GRA2949	Cooperative Education Internship in Computer Graphics	
MUC1342	Musical Instrument Digital Interface Technology (MIDI)	
MUTXXXX	Any MUT course	
OST2335C	Business Communications	
PGYXXXX	Any PGY course	
RTVXXXX	Any RTV course	
General Education Courses		
ENC1101	English I	3
	Any General Education course recommended: ARH 2051 - Art History II	3
	Humanities General Education course recommended: ARH 2050 - Art History I	3
	Mathematics or Science General Education course	3
	Social Science General Education course	3
	Total Credits: 64	

A.S. Degree, e-Business Technology, Software Specialization

Degree, Diploma or Certificate Type: AS

Major Code: EBSFT-AS CIP: 1506120100

Students in this specialization will analyze, design and create e-Business and Web based software applications. They will also gain general business and management skills applied within the context of multiple e-Business models. Program electives provide a variety of options for students to tailor this program to meet their immediate needs.

Students completing this degree may be employed as web developers, application programmers, support analysts, quality assurance analysts, e-business analysts and systems integrators.

Major Courses

CGS2843	Survey of e-Business Technology	3
CGS2100C	Microcomputer Software Packages	3
CGS2555	Internet Web Essentials	3
GEB2442	e-Business Law and Ethics	3
MAN2581	Project Management	3
MAR2011	Marketing	3
Choose one:		3
ACG2021C	Principles of Financial Accounting	
APA1111C	Office Systems Accounting I	
Choose one:		3
CET1485	Network Plus	
CET1652C	Computer Network Architecture	
Choose one:		3
GEB1011	Introduction to Business	
GEB1136	Foundations of e-Business	
Choose one:		3
MAN2021	Introduction to Management	
MAN2800	Small Business Management	

Support Courses

CIS2321	Systems Analysis and Design	3
CIS2901C	Case Study in Business Programming and Analysis	3
COP1000	Principles of Computer Programming	3
Choose one:		
COP1332	Visual Basic Programming	3
COP2224	C++ Programming	3
COP2800	Programming in Java	3
	Prerequisite: COP 1000 with a grade of "C" or better for enrollment in COP 1332, COP 2224, or COP 2800	

Electives

Choose two from the following list:		3
CGS2XXX	*Any 2000 level CGS computer course	6
CISXXX	Any CIS computer course	
COPXXX	Any COP computer programming course	

General Education Courses

ENC1101	English I	3
SPC1600	Introduction to Oral Communication	3
	Humanities General Education course	3
	Mathematics General Education course	3
	Social Science General Education course	3

Total Credits: 63

*Note: Check pre-requisites before enrolling in courses

A.S. Degree, e-Business Technology, Technology Specialization

Degree, Diploma or Certificate Type: AS

Major Code: EBTEC-AS CIP: 1506120100

Students in this specialization will analyze, design, create, troubleshoot and test the physical systems in an e-business environment. This will include server management, operating systems installation, setup and troubleshooting in an e-business environment. The student will learn to create, implement, test and maintain the infrastructure in a variety of environments.

Students completing this degree will be prepared for positions that include support specialist (networking, operating systems, LAN/WAN), systems engineer (architecture requirements, user needs, infrastructure), network and database administrator, junior programmer, test specialist and application specialist (support and network administration).

Major Courses

MAR2011	Marketing	3
CGS2843	Survey of e-Business Technology	3
CGS2100C	Microcomputer Software Packages	3
CGS2555	Internet Web Essentials	3
GEB2442	e-Business Law and Ethics	3
MAN2581	Project Management	3
CET1485	Network Plus	3
GEB1011	Introduction to Business	3
Choose one:		3
ACG2021C	Principles of Financial Accounting	
APA1111C	Office Systems Accounting I	
Choose one:		3
MAN2021	Introduction to Management	
MAN2800	Small Business Management	

Support Courses

Electives

Choose one operating systems track: UNIX or Microsoft 18

UNIX TRACK

COP1000	Principles of Computer Programming
CET1526	Introduction to UNIX
CET2654C	Network Infrastructure for e-Business
CIS2321	Systems Analysis and Design
CIS2102	Systems Assurance-Quality and Testing

Choose one:

COP2224	C++ Programming
COP1332	Visual Basic Programming
COP2800	Programming in Java

OR

MICROSOFT TRACK

COP1000	Principles of Computer Programming
CET2791C	Supporting Microsoft Windows 2000 Professional
CET2792C	Supporting Microsoft Windows 2000 Server
CET2793C	Supporting a Network Infrastructure Using Microsoft Windows
CIS2102	Systems Assurance-Quality and Testing

Choose one:

COP2224	C++ Programming
COP1332	Visual Basic Programming
COP2800	Programming in Java

General Education Courses

ENC1101	English I	3
SPC1600	Introduction to Oral Communication	3
	Humanities General Education course	3
	Mathematics General Education course	3
	Social Science General Education course	3

Total Credits: 63

A.S. Degree, Internet Services Technology Internet/Intranet Track

Degree, Diploma or Certificate Type: AS

Major Code: INETS-AS CIP: 1507039902

The Internet Technology specialization degree provides the necessary coursework to enable the graduate to create, setup and design Internet technologies on company computers. Emphasis will be placed on Web page design, Web server installation, configuration and management, and Internet/Intranet design and configuration.

The program prepares students for the role of Web Master. Additionally, the courses help prepare students to take Novell and Microsoft certification exams for Internet certifications.

Major Courses

CET1486C	Network Concepts and Operating Systems	4
CET1492C	NetWare Administration	5
CET1515C	Web Authoring and Publishing	3
CET1519C	Advanced Web Authoring	3
CET1526C	Introduction to UNIX	3
CET2760C	Web Server Management	3
COP1000	Principles of Computer Programming	3

Support Courses

Choose 24 credits of electives from the following list: 24

ART1201C	Design Fundamentals I or ARC1301 - Architectural Design I
CENXXXX	Any computer networking course
CETXXXX	Any computer networking course
CGSXXXX	Maximum of six credit hours
CISXXXX	Any computer networking course
CTSXXXX	Any computer networking course
COPXXXX	Any computer programming course
ETD2377C	3-D Studio Viz
ETD2378C	3-D Studio Viz Advanced
GRAXXXX	Any graphics/multimedia course
OST2821C	Microsoft Publisher

General Education Courses

ENC1101	English I	3
SPC1600	Introduction to Oral Communication	3
	Humanities General Education course	3
	Mathematics General Education course	3
	Social Science General Education Course	3
	Total Credits: 63	

A.S. Degree, Networking Services Technology Microsoft Track

Degree, Diploma or Certificate Type: AS

Major Code: MSNET-AS CIP: 157030401

The Network Engineering Technology Specialization - Microsoft Track provides the necessary coursework to enable the graduate to administer and manage complex local area networks as well as wide area networks using Microsoft Windows NT environments. Emphasis will be placed on administering, installing, configuring, connecting, planning and maintaining local area networks and enterprise networks. This degree program prepares the graduate for the role of network administrator, network designer, network integrator and network analyst in the enterprise environment.

The courses help prepare students to take the Microsoft certification exams, including the Microsoft Certified Professional (MCP) exams and the Microsoft Certified Systems Engineer (MCSE) exams.

Major Courses

CET1173C	Network Computer Maintenance and Repair	4
CET1485	Network Plus	3
CET1486C	Network Concepts and Operating Systems	4
CET1492C	NetWare Administration	5
CET2750C	Network Analysis and Design	4

Support Courses

CET2791C	Supporting Microsoft Windows 2000 Professional	3
CET2792C	Supporting Microsoft Windows 2000 Server	4
CET2794C	Implement and Administer Microsoft Windows Directory Services	4
CET2795C	Design a MS Windows Directory Services Infrastructure	3
CET2793C	Supporting a Network Infrastructure Using Microsoft Windows	4
Choose 7 credits of electives from the following list:		7

CET2797C	Designing a Microsoft Windows Network Infrastructure	
CETXXXX	Any computer networking or related course	
CENXXXX	Any computer networking or related course	
CISXXXX	Any computer networking course	
CTSXXXX	Any computer networking course	
COPXXXX	Any computer programming courses with a maximum of six credit hours	
CGSXXXX	Any computer course with a maximum of six credit hours	
EETXXXX	Any electronics course with a maximum of six credit hours	

General Education Courses

ENC1101	English I	3
ENC1102	English II	3
SPC1600	Introduction to Oral Communication	3
	Humanities General Education course	3
	Mathematics General Education course	3
	Social Science General Education course	3
Total Credits: 63		

A.S. Degree, Networking Services Technology Novell Track

Degree, Diploma or Certificate Type: AS

Major Code: NVNET-AS CIP: 1507030401

The Network Engineering Technology Specialization - Novell Track provides the necessary coursework to enable the graduate to administer and manage a complex local area network. Emphasis will be placed on administering, troubleshooting, connecting, planning and maintaining local area networks. This degree program prepares the graduate for the role of network administrator in the corporate environment. The courses help prepare students to take the Novell CNE exams.

Major Courses

CET1173C	Network Computer Maintenance and Repair	4
CET1486C	Network Concepts and Operating Systems	4
CET1492C	NetWare Administration	5
CET2488C	Advanced Network Administration	5
CET2750C	Network Analysis and Design	4

Support Courses

Choose 23 credits of electives from the following list: 23

CETXXXX	Any computer networking course
CENXXXX	Any computer networking course
CISXXXX	Any computer networking course
CTSXXXX	Any computer networking course
COPXXXX	Any computer programming course with a maximum of six credit hours
CGSXXXX	Any computer course with a maximum of six credit hours

General Education Courses

ENC1101	English I	3
ENC1102	English II	3
SPC1600	Introduction to Oral Communication	3
	Humanities General Education course	3
	Mathematics General Education course	3
	Social Science General Education course	3
	Total Credits: 63	

A.S. Degree, Fire Science Technology

Degree, Diploma or Certificate Type: AS

Major Code: FIRE-AS CIP: 1743020100

This program is designed to prepare graduates for responsible employment in various fire science career fields. Graduates may expect to find employment opportunities with public fire departments, insurance companies, industrial firms, governmental agencies, educational organizations and fire protection manufacturing and research groups. This degree program will enable persons currently employed in fire service to prepare themselves for more advanced positions.

The program includes the study of technical and general education subjects, sufficient to allow responsible employment and provide a base for those who wish to continue their formal education. Completion of this degree program may qualify Fire Service employees for State educational incentive salary supplements. Students must complete a minimum of 15 credit hours at Seminole Community College.

Major Courses

FFP1120	Building Construction for the Fire Service	3
FFP1505	Fire Prevention Practices	3
FFP1740	Fire Service Course Delivery	3
FFP1801	Introduction to Command	3
FFP1810	Fire Service Strategy and Tactics I	3
FFP1811	Fire Service Strategy and Tactics II	3
FFP2540	Private Fire Protection Systems I	3
FFP2720	Company Officer	3

Support Courses

Choose seven courses from the list below: 21

CGS1060	Basic Computer Concepts or equivalent or higher level	
FFP1302	Fire Apparatus Operator (Pump Operator)	
FFP1531	Fire & Life Safety Educator I	
FFP1741	Fire Service Course Design	
FFP1780	Fire Department Administration	
FFP1832	Emergency Response to Terrorism	
FFP2111	Fire Chemistry	
FFP2401	Hazardous Materials I	
FFP2402	Hazardous Materials II	
FFP2510	Fire Protection Codes and Standards	
FFP2521	Construction Documents & Plans Review	
FFP2610	Fire Investigation: Origin and Cause	
FFP2706	Public Information Officer	
OST2335C	Business Communications or equivalent or higher level business communications class	
SPC1600	Introduction to Oral Communications	

General Education Courses

ENC1101	English I	3
ENC1102	English II	3
	Humanities General Education course	3
	Science or Mathematics General Education course	3
	Social Sciences General Education course	3
Total Credits: 60		

Notes: The curriculum includes specialty courses that will meet the Florida State Bureau of Fire Standards educational requirements and qualify the individual for the following certification exams:

Courses required for Fire Officer I

FFP 1120	Building Construction for the Fire Service
FFP 1740	Fire Service Course Delivery
FFP 1801	Introduction to Command
FFP 1810	Fire Service Strategy and Tactics I
FFP 1811	Fire Service Strategy and Tactics II
FFP 1832	Emergency Response to Terrorism
FFP 1505	Fire Prevention Practices
FFP 2540	Private Fire Protection Systems I
FFP 2720	Company Officer

Courses required for Fire Officer II:

FFP 2110	Fire Chemistry
FFP 2610	Fire Investigation: Origin and Cause
FFP 1710	Fire Department Administrations
FFP 1741	Fire Service Course Design
FFP 2670	Legal and Ethical Issues for the Fire Service
FFP 2706	Public Information Officer
OST 2335C	Business Communications
CGS 1060	Introduction to Microcomputers

Courses required for Fire Safety Inspector I:

FFP 1120	Building Construction for the Fire Service
FFP 1505	Fire Prevention Practices
FFP 2540	Private Fire Protection Systems I
FFP 2510	Fire Protection Codes and Standards
FFP 2521	Construction Documents and Plans Review

Courses required for Fire Safety Inspector II:

FFP 2541	Private Fire Protection Systems II
FFP 2110	Fire Chemistry
FFP 2610	Fire Investigation: Origin and Cause
FFP 2706	Public Information Officer

Courses required for Fire Investigator I:

FFP 1120	Building Construction for the Fire Service
FFP 2540	Private Fire Protection Systems I
FFP 2110	Fire Chemistry
FFP 2610	Fire Investigation: Origin and Cause

Course Descriptions

Prefix	Course Title	Page	Change	Effective
ART 2906C	Directed Studies in Ceramics	N/A	Add new course	August, 2002
ART 2930	Selected Studies in Art	p. 168	Should be ART 2930C	August, 2002
BCV 0051	Introduction to the Construction Industry	p. 170	Change in course content	August, 2002
BCV 0121L	Form Carpentry OJT	N/A	Add to catalog	August, 2002
BCV 0124	Advanced Form Carpentry I	N/A	Add to catalog	August, 2002
BCV 0126L	Form Carpentry OJT	N/A	Add to catalog	August, 2002
BCV 0127	Fundamentals of Form Carpentry II	N/A	Add to catalog	August, 2002
BCV 0138	Advanced Form Carpentry II	N/A	Add new course	August, 2002
BCV 0403	Maintenance OJT	p. 170	Change in number of times repeatable, course description and change in program title	August, 2002
BCV 0404	Maintenance OJT	p. 170	Change in number of times repeatable, course description and change in program title	August, 2002
BCV 0460	Advanced Maintenance I	p. 170	Change in content and program title	August, 2002
BCV 0461	Fundamentals of Maintenance II	N/A	Add new course	August, 2002
BCV 0462	Advanced Maintenance II	N/A	Add new course	August, 2002
BSC 2093C	Anatomy and Physiology I	p. 172	Add "with a minimum grade of C" on pre-requisite BSC 1010C	January, 2003
CET 1492C	Netware Administration	p. 175	Add CET 1485 as alternative pre-requisite	January, 2003
CET 1515C	Authoring and Publishing	p. 175	Delete CET 1511C as a pre-requisite. Change contact hours from 3 to 4	January, 2003
CET 1526C	Introduction to UNIX	p. 176	Add CET 1485 as alternative pre-requisite	January, 2003
CET 2626C	Building Cisco Remote Access Networks	p. 177	Delete CET 2620C and CCNA certification, add CET 2625C as pre-requisite	August, 2002
CET 2627C	Building Cisco Multilayer Switched Networks	p. 177	Delete CET 2620C and CCNA certification, add CET 2625C as pre-requisite	August, 2002

Prefix	Course Title	Page	Change	Effective
CET 2628C	Cisco Internetwork Troubleshooting	p. 177	Add CET 2625C and CET 2626C as pre-requisites	August, 2002
CET 2654C	Network Infrastructure of e-Business	p. 177	Add to pre-requisite alternatives of CET 1526C or CET 2793C, delete CET 2792C as pre-requisite	January, 2003
CET 2760C	Web Server Management	p. 178	Add CET 1485 as alternative pre-requisite	January, 2003
CGS 1079	Computer Science Basics II	N/A	Add new course	August, 2002
CGS 2555	Internet Web Essentials	p. 180	Add CET 1485 as alternative pre-requisite to CET 1486C	January, 2003
CGS 2843	Survey of e-Business Technology	p. 180	Add CET 1485 as pre-requisite	January, 2003
CHM 1020L	Contemporary Chemistry Lab	N/A	Add new course for IB test	August, 2002
CIS 1354	Introduction to Internetworking Security	p. 181	Add CET 1485 as alternative pre-requisite	January, 2003
CIS 2902C	Case Study Elective	N/A	Omitted from catalog in error	August, 2002
CJD 0939A	Criminal Justice Equivalency of Training Law Enforcement	N/A	Add new course	January, 2003
CJD 0939B	Criminal Justice Equivalency of Training Corrections	N/A	Add new course	January, 2003
COP 1000	Principles of Computer Programming	p. 186	Change in course description, objectives, and outline	January, 2003
COP 2223C	C Programming	N/A	Reactivate and change in course description, objectives, and outline	January, 2003
COP 2360	C# Programming	N/A	Add new course	January, 2003
COP 2362	Advanced C# Programming	N/A	Add new course	January, 2003
CPO 2002	Introduction to Comparative Government	p. 188	Correct title: Introduction to Comparative Politics	August, 2002
CTS 1171	Supporting MS Windows XP Professional	N/A	Add new course	January, 2003
CTS 1351	Upgrading to Novell NetWare 6	N/A	Add new course	January, 2003
CTS 2320	Managing a Microsoft Windows 2000 Network Environment	N/A	Add new course	August, 2002
EAP 0400	EAP Introduction to Speaking/Listening	p. 189	Add "pre-requisite" before first sentence	January, 2003

Prefix	Course Title	Page	Change	Effective
EAP 0420	EAP Introduction to Reading	p. 189	Add "pre-requisite" before first sentence Co-requisite: EAP 0400 unless taken previously	January, 2003
EAP 0440	EAP Introduction to Writing	p. 189	Add "pre-requisite" before first sentence. Co-requisite: EAP 0400 unless taken previously and EAP 0460	January, 2003
EAP 0460	EAP Introduction to Grammar/Structure	p. 189	Co-requisite: EAP 0400 unless taken previously and EAP 0440	January, 2003
EAP 1520	EAP Reading I	p. 189	Co-requisite: EAP 1500 unless taken previously	January, 2003
EAP 1540	EAP Writing I	p. 189	Co-requisite: EAP 1500 unless taken previously and EAP 1560	January, 2003
EAP 1560	EAP Grammar/Structure I	p. 189	Delete co-requisites	January, 2003
EAP 1597	EAP Accent Reduction I	p. 189	Add "pre-requisite" before first sentence. Change credits and contact hours from 4 to 3 and change course description	January, 2003
EAP 1598	EAP Accent Reduction II	p. 190	Change credits and contact hours from 4 credits to 3, delete pre- and co-requisites, and add to course description	
EAP 1600	EAP Introduction to Oral Communications	p. 190	Delete course from catalog	January, 2003
EAP 1620	EAP Reading II	p. 190	Delete pre-requisite of EAP 1500	January, 2003
EAP 1640	EAP Writing II	p. 190	Delete EAP 1500 as pre-requisite and co-requisite. EAP 1560 unless taken previously or exempt by department	January, 2003
EAP 1660	EAP Grammar/Structure II	P. 190	Delete course from catalog	January, 2003
EEC 2527	Childcare Education, Financial and Legal Issues	N/A	Add new course	January, 2003
EER 0002	DC Fundamentals	p. 192	Add pre-requisite of BCV 0052	August, 2003
EGS 1006	Introduction to Engineering	p. 195	Delete course from catalog	January, 2003
ETI 1411	Interdisciplinary Engineering II	N/A	Add new course	August, 2002
ETI 2420C	Industrial Materials and Methods	p. 200	Correct contact hours from 3 to 6	August, 2002
ETI 2762	Advanced Fire Protection	p. 200	Delete course from catalog	January, 2003

Prefix	Course Title	Page	Change	Effective
ETI 2764	Advanced Fire Sprinkler Design	p. 201	Delete course from catalog	January, 2003
FFP 1832	Emergency Response to Terrorism	N/A	Add course to catalog	August, 2001
FFP 2111	Fire Chemistry	N/A	Add course to catalog	August, 2001
FFP 2706	Public Information Officer	N/A	Add course to catalog	August, 2001
FFP 2720	Company Officer	N/A	Add course to catalog	August, 2002
GER 2200	Intermediate German I	p. 206	Change credits and hours from 4 to 3	August, 2002
GLY 2100	Historical Geology	p. 206	Delete from catalog	January, 2003
GLY 2100L	Historical Geology Lab	p. 207	Delete from catalog	January, 2003
GRA 2154C	Web Publishing II	N/A	Add new course	January, 2003
GRA 2581	Digital Media Authoring I	N/A	Add new course	January, 2003
GRA 2582	Digital Media Authoring II	N/A	Add new course	January, 2003
GRA 2830C	3D Modeling and Animation II	N/A	Add new course	January, 2003
GRA 2832C	Advanced 3D Modeling and Animation III	N/A	Add new course	January, 2003
HCP 0100C	Nursing Assistant	N/A	Omitted from catalog	August, 2002
HEV 0090	CYF Developmentally Appropriate Practices for School-age Children	N/A	Add new course	August, 2002
HEV 0091	CYF Developmentally Appropriate Practices for Preschool Children	N/A	Add new course	August, 2002
HEV 0092	CYF Developmentally Appropriate Practices for Infants and Toddlers	N/A	Add new course	August, 2002
HEV 0093	CYF Owner/Operator 10 Hour Training	N/A	Add new course	August, 2002
HEV 0094	CYF 10 Hour Special Needs	N/A	Add new course	August, 2002
HEV 0126	Inclusion in Early Childhood Education	p. 209	Reduce hours and credits from 30 to 20 hours and from 1 credit to .67 credits due to elimination of lab	August, 2002
HEV 0132	Perceptual Motor Development	p. 209	Delete from catalog	January, 2003
HIM 2270	Medical Insurance Billing and Reimbursement	p. 211	Add HIM 1222C to the pre-requisite, HIM 2253C as co-requisite	January, 2003
HIM 2920	Medical Transcription Seminar	p. 211	Add co-requisite of HIM 2652	August, 2002
IDH 2410	African American Leadership	p. 216	Delete from catalog	January, 2003

Prefix	Course Title	Page	Change	Effective
IDH 2612	Post-modern Positions	p. 216	Delete from catalog	January, 2003
IND 2942	Cooperative Education Internship in Interior Design	p. 219	Add course to catalog	August, 2002
ISC 1050	Interdisciplinary Environmental Studies II	N/A	State mandated number change from ISC 1051	August, 2002
ISC 1051	Interdisciplinary Environmental Studies I	N/A	State mandated number change from ISC 1050	August, 2002
ISC 1052	Interdisciplinary Environmental Studies III	N/A	Add course to catalog	August, 2002
MAC 2233	Concepts of Calculus	p. 222	Add more course objectives	August, 2002
MCB 2010C	Microbiology	p. 225	Pre-requisite BSC 1010C with a grade of C or better	August, 2002
MIS 1031	Introduction to Military Science	N/A	Reactivate course	August, 2002
MIS 2120	Leadership	N/A	Reactivate course	August, 2002
MNA 0108	Call Center Professional Behavior and Development	p. 226	Delete course	January, 2003
MNA 0131	Business Communication & Office Procedure	p. 226	Delete course	January, 2003
MNA 0132	Sales and Marketing	p. 226	Delete course	January, 2003
MNA 0133	Call Center Customer Service Representative	p. 227	Delete course	January, 2003
MNA 0196	Job Readiness and Retention	p. 227	Delete course	August, 2002
MNA 0197	Professional Development and Employability Skills	p. 227	Delete course	August, 2002
MNA 0313	Professional Development and Employability	p. 227	Delete course	January, 2003
MNA 0766	Job Readiness and Retention	p. 227	Delete course	January, 2003
MNA 0810	Basic Computer and Keyboarding Skills	p. 227	Delete course	January, 2003
MNA 0811	Database Applications	p. 227	Delete course	January, 2003
MNA 0944	Customer Service Representative on Job Training	p. 227	Delete course	January, 2003
MNA 1031	PM100 – Successful Project Management	N/A	Add new course	August, 2002
MNA 1032	PM200 – Successful Project Facilitation	N/A	Add new course	August, 2002
MNA 1034	PM240 - Project Cost Estimating	N/A	Add new course	August, 2002
MNA 1035	PM300 – Successful Project Execution	N/A	Add new course	August, 2002

Prefix	Course Title	Page	Change	Effective
MNA 1036	PM400 – Project Methodology	N/A	Add new course	August, 2002
MNA 1167	Customer Service Supervisory Skills	N/A	Add course to catalog	August, 2002
PEO 2003	Sports Officiating	p. 236	Delete from catalog	January, 2003
PHY 1009	Introduction to Physics	N/A	Add new course	August, 2002
RET 2244	Life Support	p. 245	Delete PHY 1001 from co-requisite	January, 2003
RTV 1240	Introduction to Audio Production	N/A	Add new course	January, 2003
RTV 2930	Selected Studies in Television Production	N/A	Add to catalog	August, 2002
SPN 1000	Beginning Conversational Spanish	N/A	Add course to catalog	August, 2002
SPW 2010	Selected Readings in Spanish Literature	N/A	Add new course	August, 2002
0500500	Personal, Career, and School Development	p. 253	Delete from catalog under Adult High School	January, 2003
8700100	Core I – Industrial Education Directed Study	N/A	Add to catalog	August, 2002
990001AA	Vocational Prep Math	N/A	Add to catalog	August, 2002
990001AB	Vocational Prep Math	N/A	Add to catalog	August, 2002
990001CA	Vocational Prep Language	N/A	Add to catalog	August, 2002
990001CB	Vocational Prep Language	N/A	Add to catalog	August, 2002
9900070A	Workplace Readiness	N/A	Add to catalog	August, 2002
9900070B	Workplace Readiness	N/A	Add to catalog	August, 2002