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## Department of Applied Technology & Criminal Justice

Effective July 1, 2004, the divisions within the department of Applied Technology and Criminal Justice moved.

Construction Management moved to the College of Computing, Integrated Engineering and Technology.  
<http://www.suu.edu/ciet/et>

Criminal Justice moved to the College of Humanities and Social Sciences.  
<http://www.suu.edu/hss/polsci>

Engineering Technology moved to the College of Computing, Integrated Engineering and Technology.  
<http://www.suu.edu/ciet/et/>

Automotive Technology moved to the College of Computing, Integrated Engineering and Technology.  
<http://www.suu.edu/ciet/auto>

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*Assistant Professors:* Carl Franklin, L. Scott Hansen, Boyd Fife, Wayne Williams; *Lecturers:* John Gerlits, Steffen Soller, John Walsler, Wade Esplin; *Professional in Residence:* Richard Cozzens

Website: <http://www.suu.edu/sast/tech/>

### Degrees Offered

#### Bachelor of Arts and Bachelor of Science

- Construction Management Composite
- Criminal Justice
- Criminal Justice Forensic Science Emphasis
- Engineering Technology Composite

#### CAD/CAM

- Engineering Technology Composite CAD/GIS
- Engineering Technology Composite

#### Electronics

- Technology Education Composite degree with Career and Technical Emphasis

#### Associate of Applied Science

- Automotive Technology
- Cabinetmaking and Millwork
- Construction Technology
- Criminal Justice
- ~~Design Technology (CAD/CAM)-CAD/CAM Technology~~

- Electronic Technology
- Paralegal/Legal Assistant

#### Minors

- Automotive Technology

- Construction Technology
- Criminal Justice
- ~~Design Technology (CAD/CAM)-CAD/CAM Technology~~
- Electronic Technology

#### Certificates

- Automotive Technology
- Civil Design
- Construction Technology

### Department Statement

The department of applied technology and criminal justice supports the mission of the university by providing a high quality undergraduate education to students through certificate, associate, and baccalaureate degree programs. The department provides students with in-depth skill development in the program discipline areas of criminal justice, paralegal studies, construction technology/construction management, electronics engineering technology, CAD/CAM engineering technology, CAD/GIS engineering technology, automotive technology, and cabinetmaking and millwork, through professional, credentialed faculty using state of the art facilities and equipment. In addition, this department offers Technology Education teacher certification with a secondary

endorsement. Furthermore, we aim to provide meaningful service to industry, government, and all communities served by the university.

### Degree Requirements

Technology Education majors must earn a C or better in all courses in their major. All other majors must earn a C- or better in courses required for the major and an overall GPA of at least 2.00.

*Students are strongly encouraged to work closely with a faculty and academic advisor in their major emphasis area, both at initial registration and throughout their program experience.*

Construction Management Composite Bachelor of Arts/Bachelor of Science	
Effective July 1, 2004 Construction Management moved to the College of Computing, Integrated Engineering and Technology. <a href="http://www.suu.edu/ciet/et">http://www.suu.edu/ciet/et</a>	
Course Number and Title	Credits
<b>General Education Core (see page 105)</b>	
Core Course Requirements	17-18
Knowledge Areas Requirements	19
<b>University Requirements</b>	
BA Degree – Foreign Language/ASL Requirement (16 hours or proficiency test)	
BS Degree – Math or Science minimum requirement (12 hours)	
<b>Core Requirements (80 hours)</b>	
ACCT 2010 Accounting Principles	3
ACCT 2020 Managerial Accounting	3
ACCT 2360 Business Law I	3
CCET 1640 Computer Aided Design	3
CM 1290 Electrical Systems	2
CM 2010 Framing Systems	3
CM 2050 Concrete and Masonry	3
CM 2100 Finishing Systems	3
CM 3240 Estimating	3
CM 3270 Building Codes	3
CM 3650 Residential Drafting	3
CM 3880 Scheduling	3
CM 4400 HVAC & Plumbing Principles & Design	3
ECON 2010 Principles of Microeconomics or ECON 2020 Principles of Macroeconomics	3
ENGR 2010 Statics	3
ENGR 2810 Plane Surveying	2
ENGR 2820 Plane Surveying Lab	1
MATH 1050 College Algebra	4
MATH 1060 Plane Trigonometry	3
MATH 1210 Calculus I	4
MATH 2040 Applied Statistics	4
MGMT 3100*Production/Operations Mgmt	3
MGMT 3180*Management & Organizations	3

MGMT 3210*Entrepreneurship	3
MGMT 3240*Human Resource Management	3
MGMT 4100*Organizational Behavior	3
TECH 3000 Occupational Safety	3
Free Electives	3-4
<b>Total Credits, B.A. degree</b>	<b>132</b>
<b>Total Credits, B.S. degree</b>	<b>120</b>

\*Upper division management courses must be approved through Business Advisor to waive pre-requisite requirements. Signature required for registration.

<b>Criminal Justice Bachelor of Arts/Bachelor of Science</b>	
Effective July 1, 2004 Criminal Justice moved to the College of Humanities and Social Sciences. <a href="http://www.suu.edu/hss/polsci">http://www.suu.edu/hss/polsci</a>	
Course Number and Title	Credits
<b>General Education Core (see page 105)</b>	
Core Course Requirements	17-18
Knowledge Areas Requirements	19
<b>University Requirements</b>	
BA Degree – Foreign Language/ASL Requirement (16 hours or proficiency test)	
BS Degree – Math or Science minimum requirement (12 hours)	
<b>Core Requirements (21 hours)</b>	
CJ 1010 Introduction to Criminal Justice	3
CJ 1330 Criminal Law	3
CJ 1350 The Corrections Process	3
CJ 3500 Criminology	3
CJ 3700 Criminal Justice Management	3
CJ 4200 Ethical Issues in Criminal Justice	3
CJ 4990 Criminal Justice Seminar	3
<b>Electives - Select 21 hours from the following, 12 of which must be upper division credits.</b>	
CJ 1070 Law Enforcement Academy Part I	3
CJ 1080 Law Enforcement Academy Part II	3
(See faculty advisor for application and information concerning CJ 1070 and 1080)	
CJ 1400 Criminal Investigation	3
CJ 2100 Juvenile Justice	3
CJ 2110 Introduction to Private Security	3
CJ 2150 Principles of Forensic Science	3
CJ 2200 History of Criminal Justice (Internet)	3
CJ 2350 Laws of Evidence	3
CJ 3100 Advanced Criminalistics	3
CJ 3300 Victimology	3
CJ 3320 Criminal Procedure	3
CJ 3400 Drugs and Crime	3
CJ 4500 Special Issues in Criminal Justice	3
CJ 4700 Police Systems and Practices	3
CJ 4710 Comparative Criminal Justice Systems	3
CJ 4890 Internship	3-6

PSY 4310 Abnormal Psychology	3
SOC 3500 Deviance	3
POSC 3510 Constitutional Law	3
POSC 3530 Constitution, Criminal Justice and Equal Rights	3
Free Electives (includes completing minor & B.A./B.S. requirement)	41-42
<b>Total Credits, B.A. or B.S. degree</b>	<b>120</b>

<b>Criminal Justice Forensic Science Emphasis Bachelor of Arts/Bachelor of Science</b>	
Effective July 1, 2004 Criminal Justice moved to the College of Humanities and Social Sciences. <a href="http://www.suu.edu/hss/polsci">http://www.suu.edu/hss/polsci</a>	
Course Number and Title	Credits
<b>General Education Core (see page 105)</b>	
Core Course Requirements	17-18
Knowledge Areas Requirements	19
<b>University Requirements</b>	
BA Degree – Foreign Language/ASL Requirement (16 hours or proficiency test)	
BS Degree – Math or Science minimum requirement (12 hours)	
<b>Core Requirements (Track A &amp; B) (18 hours)</b>	
CJ 1010 Introduction to Criminal Justice	3
CJ 1330 Criminal Law	3
CJ 3500 Criminology	3
CJ 3700 Criminal Justice Management	3
CJ 4200 Ethical Issues in Criminal Justice	3
CJ 4990 Criminal Justice Seminar	3
<b>Complete either Track A or B</b>	
<b>Additional Requirements Track A (31 hours)</b>	
CJ 1400 Criminal Investigation	3
CJ 2150 Principles of Forensic Science	3
CJ 2350 Laws of Evidence	3
CJ 3100 Advanced Criminalistics	3
CJ 3400 Drugs and Crime	3
CHEM 1210 Chemical Principles I	4
CHEM 1220 Chemical Principles II	4
CHEM 1230 Chemical Principles I	1
CHEM 1240 Chemical Principles II Lab	1
Upper Division Credits in CJ, CHEM, or BIOL	6
<b>Additional Requirements Track B (29 hours)</b>	
CJ 1400 Criminal Investigation	3
CJ 2150 Principles of Forensic Science	3
CJ 2350 Laws of Evidence	3
CJ 3100 Advanced Criminalistics	3
CJ 3400 Drugs and Crime	3
BIOL 2010-2020 Human Physiology/Lab	4
BIOL 2110-2120 Microbiology Or BIOL 3060-3070 Genetics	4
Upper Division Credits in CJ, CHEM or BIOL	6

Free Electives (includes completing minor, & B.A./B.S. requirement)	35-37
<b>Total Credits, B.A. or B.S. degree</b>	<b>120</b>

**Engineering Technology Composite  
CAD/CAM Emphasis  
Bachelor of Arts/Bachelor of Science**

Effective July 1, 2004 Engineering Technology moved to the College of Computing, Integrated Engineering and Technology.  
<http://www.suu.edu/ciet/et/>

Course Number and Title	Credits
<b>General Education Core (see page 105)</b>	
Core Course Requirements	17-18
Knowledge Areas Requirements	19
<b>University Requirements</b>	
BA Degree – Foreign Language/ASL Requirement (16 hours or proficiency test)	
BS Degree – Math or Science minimum requirement (12 hours)	
<b>Engineering Technology Core (20 hours)</b>	
COMM 4240 Technical Writing	3
MATH 1060 Plane Trigonometry	3
MATH 1210 Calculus	4
PHSC 2010 College Physics I	4
TE 4100 Mfg. Problem Solving & Design	3
TECH 3000 Occupational Safety	3
<b>CAD/CAM Engineering Technology (CCET) Composite (44 hours)</b>	
CCET 1610 Engineering Technology Graphics	3
CCET 1630 Intro to CAD/CAM 3-D Design	3
CCET 1640 Computer Aided Design	3
CCET 2650 Mechanical Blueprint Reading	3
CCET 3620 3-D Design Or CCET 3630 Fundamentals of CATIA	3
CCET 3670 Civil Design	3
CCET 3680 CNC Design	3
CCET 4600 Engineering Design	3
CCET 4690 CNC Software and Applications	3
CCET 4960 Senior Project	3
ENGR 2010 Statics	3
ENGR 2040 Mechanics of Materials I	3
ENGR 2050 Mechanics and Materials Lab	1
ENGR 3010 Materials Science Engineering	3
ENGR 3020 Materials Science Engineering Lab	1
TE 1700 Electricity and Electronics	3
<b>Free Electives (19-20 hours) Recommended Electives</b>	
CCET 3610 Architectural Design	3
CCET 4610 Advanced Application in CATIA	3
CM 3650 Residential Drafting	3
EET 3660 Electronic Drafting	3
ENGR 2010 Plane Surveying	2
GEOG 2900 GPS Theory, Techniques and Methods	2

GEOG 2920 Workshop	1-3
GEOG 3500 Intro to Cartography	3
GEOG 3510 Intro to Cartography Lab	1
GEOG 3550 Principles of GIS	3
GEOG 3560 Principles of GIS Lab	2
GEOG 4150 Advanced GIS Analysis Methods Lab	3
GEOG 4500 GIS Research Project (capstone)	3
GEOG 4920 Workshop	1-3
<b>Total Credits, B.A. or B.S. degree</b>	<b>120</b>

**Engineering Technology Composite  
CAD/GIS Emphasis  
Bachelor of Arts/Bachelor of Science**

Effective July 1, 2004 Engineering Technology moved to the College of Computing, Integrated Engineering and Technology.  
<http://www.suu.edu/ciet/et/>

Course Number and Title	Credits
<b>General Education Core (see page 105)</b>	
Core Course Requirements	17-18
Knowledge Areas Requirements	19
<b>University Requirements</b>	
BA Degree – Foreign Language/ASL Requirement (16 hours or proficiency test)	
BS Degree – Math or Science minimum requirement (12 hours)	
<b>Core Requirements (20 hours)</b>	
COMM 4240 Technical Writing	3
MATH 1060 Plane Trigonometry	3
MATH 1210 Calculus I	4
PHSC 2010 College Physics I	4
TE 4100 Mfg. Problem Solving & Design	3
TECH 3000 Occupational Safety	3
<b>CAD/GIS Emphasis (35 hours)</b>	
CCET 1610 Engineering Technology Graphics	3
CCET 1640 Computer Aided Design	3
CCET 3630 Fundamentals of CATIA	3
CCET 3670 Civil Design	3
EET 2750 Computer Hardware (A+ Certification)	3
ENGR 2010 Statics	3
ENGR 2810 Plane Surveying	2
ENGR 2820 Plane Surveying Lab	1
GEOG 2900 GPS Theory, Techniques and Methods	2
GEOG 3500 Intro to Cartography	3
GEOG 3510 Intro to Cartography Lab	1
GEOG 3550 Principles of GIS	3
GEOG 3560 Principles of GIS Lab	2
GEOG 4150 Advance GIS Analysis Methods Lab	3
<b>One of the following (3 hours):</b>	
CCET 4960 Senior Project	3
GEOG 4500 GIS Research Project (Capstone)	3
<b>One of the following (3 hours):</b>	
GEOG 4893 GIS Internship	3

GEOG 3993 Undergraduate Research in Geography/GIS	3
TECH 4893 Technology Internship	3
Free Electives (includes completing B.A. or B.S. requirement)	22-23
<b>Total Credits</b>	<b>120</b>

Engineering Technology Composite Electronics Emphasis Bachelor of Arts/Bachelor of Science	
Effective July 1, 2004 Engineering Technology moved to the College of Computing, Integrated Engineering and Technology. <a href="http://www.suu.edu/ciet/et/">http://www.suu.edu/ciet/et/</a>	
Course Number and Title	Credits
<b>General Education Core (see page 105)</b>	
Core Course Requirements	17-18
Knowledge Areas Requirements	19
<b>University Requirements</b>	
BA Degree – Foreign Language/ASL Requirement (16 hours or proficiency test)	
BS Degree – Math or Science minimum requirement (12 hours)	
<b>Core Requirements (21 hours)</b>	
COMM 4240 Technical Writing	3
MATH 1060 Plane Trigonometry	3
MATH 1210 Calculus	4
PHSC 2010 College Physics I	4
TE 4100 Mfg. Problem Solving & Design	3
TECH 1040 Professional Vocational Development	1-3
TECH 3000 Occupational Safety	3
<b>Electronic Engineering Technology Composite (EET Composite, 45 hours)</b>	
CS 1050 Visual Basic (or any department approved programming language)	3
EET 1710 DC Circuits	3
EET 1720 AC Circuits	3
EET 1730 Active Devices	3
EET 2710 Linear Devices	3
EET 2720 Communications Circuits	3
EET 2760 Industrial Control Systems	3
EET 2780 Digital Circuits	3
EET 2790 Microprocessors	3
EET 3660 Electronic Drafting	3
EET 3710 Advanced Solid State Circuits	3
EET 3730 Programming for Electronics	3
EET 3760 Electronic Fabrication	3
EET 3790 Computer Interfacing	3
EET 4720 Microwave and Optical Systems	3
EET 4960 Senior Project	3
Free Electives (includes completing B.A./B.S. requirement)	18-19
<b>Total Credits, B.A. or B.S. degree</b>	<b>120</b>

Technology Education Composite with Career and Technical Emphasis Bachelor of Arts/Bachelor of Science	
Effective July 1, 2004 Technology moved to the College of Computing, Integrated Engineering and Technology. <a href="http://www.suu.edu/ciet/et/">http://www.suu.edu/ciet/et/</a>	
Course Number and Title	Credits
<b>General Education Core (see page 105)</b>	
Core Course Requirements	17-18
Knowledge Areas Requirements	19
<b>University Requirements</b>	
BA Degree – Foreign Language/ASL Requirement (16 hours or proficiency test)	
BS Degree – Math or Science minimum requirement (12 hours)	
<b>Professional Education Requirements for Secondary Licensure (29 hours)</b>	
EDUC 2000 Exploring Education in Society	3
EDUC 3170 Instructional Technology for Educators	3
SCED 3200 Secondary Educational Psychology	3
SPED 3030 Foundations of Special Education	2
Secondary Block as noted below	
SCED 3570 Motivation and the Management of Diverse Instructional Environments for Secondary Teachers	3
SCED 3590 Instructional Planning, Delivery, and Assessment Secondary Teachers	3
SCED 3720 Content Literacy	2
SCED 4520 Secondary Practicum/Seminar Clinical Practice (student teaching) is taken the semester prior to secondary block as noted below	3
SCED 4980 Clinical Practice	7
<b>Technology Education Requirements (44 hours)</b>	
CCET 1610 Engineering Technology Graphics	3
CCET 1640 Computer Aided Design	3
TE 1040 Professional Voc Leadership	1-3
TE 1700 Electricity and Electronics	3
TE 1820 Material Processing	3
TE 3150 Industrial Materials	3
TE 3160 Communication Systems	3
TE 3550 Transportation & Power	2
TE 3850 Construction	3
TE 4100 Manufacturing, Problem Solving and Design	3
TE 4820 Foundations of Technology/Tech Life Careers	3
TE 4900 Methods of Teaching Technology, Testing & Law	3
TE 4930 Principles of Technology	3
TE 4980 Clinical Practice (student teaching in the content area(s) of licensure is taken the semester following the secondary block	5
TE 4950 Facilities Management	3
TECH 3000 Occupational Safety	3
<b>Career and Technical Emphasis Vocational Endorsement (Optional, select 1 of 4)</b>	
<b>Auto Power select 12 credits from the following</b>	
AUTO 1500 Suspension and Steering	5

AUTO 1501 Suspension and Steering Lab	0
AUTO 1510 Engine Repair	6
AUTO 1511 Engine Repair Lab	0
AUTO 1520 Manual Drive Train	5
AUTO 1521 Manual Drive Train Lab	0
AUTO 1530 General Automotive	2
AUTO 1531 General Automotive Lab	0
AUTO 1540 Brake Systems	5
AUTO 1541 Brake Systems Lab	0
AUTO 2510 Automotive Electrical I	5
AUTO 2511 Automotive Electrical I Lab	0
AUTO 2520 Automotive Electrical II	5
AUTO 2521 Automotive Electrical II Lab	0
AUTO 2540 Engine Performance I	5
AUTO 2541 Engine Performance I Lab	0
AUTO 2560 Engine Performance II	5
AUTO 2561 Engine Performance II Lab	0
AUTO 2570 Automotive Heating & A/C	5
AUTO 2571 Automotive Heating & A/C Lab	0
AUTO 2580 Automotive Transmission & Transaxle	6
AUTO 2581 Automotive Transmission & Transaxle Lab	0
<b>CAD/CAM select 12 credits from the following</b>	
CCET 1630 Introduction to CAD/CAM 3D Design	3
CCET 2650 Mechanical Blueprint Reading	3
CCET 3610 Architectural Design	3
CCET 3620 3-D Design	3
CCET 3670 Civil Design	3
CCET 3680 CNC Design	3
CCET 4600 Engineering Design	3
CCET 4690 CNC Software and Applications	3
CCET 4960 Senior Project	3
<b>Electronics select 12 credits from the following</b>	
EET 1730 Active Devices	3
EET 2710 Linear Devices	3
EET 2720 Communications Circuits	3
EET 2760 Industrial Control Systems	3
EET 2780 Digital Circuits	3
EET 2790 Microprocessors	3
EET 3660 Electronic Drafting	3
EET 3710 Advanced Solid State Circuits	3
EET 3730 Programming for Electronics	3
EET 3760 Electronic Fabrication	3
EET 3790 Computer Interfacing	3
EET 4720 Microwave and Optical Systems	3
<b>Woods-Construction select 12 credits from the following</b>	
CM 1290 Electrical Systems	2
CM 2010 Framing Systems	3
CM 2050 Concrete & Masonry	3

CM 2100 Finishing Systems	3
CM 3270 Building Codes	3
TE 2650 Cabinet Design	3
TE 3870 Cabinet & Furniture I	3
TE 3880 Cabinet & Furniture II	3
TE 3890 Cabinetmaking & Millwork	3
<b>Free Electives (without Technical Specialty option)</b>	<b>11</b>
<b>Total Credits, B.S. degree (without Technical Specialty Option)</b>	<b>120</b>
<b>Total Credits, B.S. degree (with Technical Specialty Option)</b>	<b>132</b>

**Vocational Endorsement**

An applicant for the Basic Vocational-Technical Certificate with endorsement(s) must have: A bachelor's degree in an approved teacher education program, including 12 semester hours of course work in the endorsement area in which the applicant intends to teach and at least two years of successful related occupational experience.

A. The trade, industrial and technical work experience requirement will be waived if the applicant successfully passes a state-approved competency examination at or above the established cut off score. Cut off scores are one-half standard deviation below the national mean.

B. Vocational Emphasis Courses  
Complete an emphasis comprised of a minimum of twelve (12) credit hours in an area listed below.

<b>Automotive Technology Associate of Applied Science</b>	
Effective July 1, 2004 Automotive Technology moved to the College of Computing, Integrated Engineering and Technology. <a href="http://www.suu.edu/ciet/et/auto">http://www.suu.edu/ciet/et/auto</a>	
Course Number and Title	Credits
<b>General Education Core (see page 105)</b>	
General Education	20-21
<b>Core Requirements (1-5 hours)</b>	
TECH 1040 Professional Voc Leadership	1-3
AUTO 1530 General Automotive (only if no previous automotive experience-See faculty advisor)	2
<b>Automotive Emphasis (54 credit hours)</b>	
AUTO 1500 Suspension and Steering	5
AUTO 1501 Suspension and Steering Lab	0
AUTO 1510 Engine Repair	6
AUTO 1511 Engine Repair Lab	0
AUTO 1520 Manual Drive Trains and Axles	5
AUTO 1521 Manual Drive Trains and Axles Lab	0
AUTO 1540 Brake Systems	5
AUTO 1541 Brake Systems Lab	0
AUTO 2510 Automotive Electrical I	5
AUTO 2511 Automotive Electrical I Lab	0
AUTO 2520 Automotive Electrical II	5
AUTO 2521 Automotive Electrical II Lab	0
AUTO 2540 Engine Performance I	5
AUTO 2541 Engine Performance I Lab	0

AUTO 2560 Engine Performance II	5
AUTO 2561 Engine Performance II Lab	0
AUTO 2570 Automotive Heating & A/C	5
AUTO 2571 Automotive Heating & A/C Lab	0
AUTO 2580 Automatic Transmission & Transaxle	6
AUTO 2581 Automatic Transmission & Transaxle Lab	0
<b>Total Credits</b>	<b>75-76</b>

<b>Cabinetmaking &amp; Millwork Associate of Applied Science</b>	
Effective July 1, 2004 Construction Management moved to the College of Computing, Integrated Engineering and Technology. <a href="http://www.suu.edu/ciet/et">http://www.suu.edu/ciet/et</a>	
Course Number and Title	Credits
<b>General Education Core (see page 105)</b>	
General Education	20-21
<b>Core Requirements (30 hours)</b>	
CCET 1610 Engineering Technology Graphics	3
CCET 1640 Computer Aided Design	3
CCET 3610 Architectural Design	3
CM 3240 Estimating & Bidding	3
TE 1820 Material Processing	3
TE 2650 Cabinet Design	3
TE 3850 Construction	3
TE 3870 Cabinetmaking and Furniture I	3
TE 3880 Cabinetmaking and Furniture II	3
TE 3890 Cabinetmaking and Millwork	3
<b>Business Requirements (9 hours)</b>	
ACCT 2010 Accounting	3
BA 2350 Legal Issues in Society (GE)	3
MKTG 4930 Sales Management	3
<b>Elective Credit (4-5 hours)</b>	
Elective	4-5
<b>Total Credits</b>	<b>64</b>

<b>Construction Technology Associate of Applied Science</b>	
Effective July 1, 2004 Construction Management moved to the College of Computing, Integrated Engineering and Technology. <a href="http://www.suu.edu/ciet/et">http://www.suu.edu/ciet/et</a>	
Course Number and Title	Credits
<b>General Education Core (see page 105)</b>	
General Education	20-21
<b>Core Requirements (10-12 hours)</b>	
BA 2350 Legal Issues in Society	3
CM 3650 Residential Drafting	3
TECH 1040 Prof Vocational Leadership	1-3
TECH 3000 Occupational Safety	3
<b>Construction Emphasis Required (23 hours)</b>	
CM 1290 Electrical Systems	2
CM 2010 Framing Systems	3

CM 2050 Concrete & Masonry	3
CM 2100 Finishing Systems	3
CM 3240 Estimating & Bidding	3
CM 3270 Building Codes	3
CM 3880 Scheduling	3
TE 1820 Material Processing	3
<b>Electives selected with approval of advisor (8- 11 hours)</b>	
ISA 1050 Overview of Computers	3
TE 3870 Cabinet and Furniture I	3
TE 3880 Cabinet and Furniture II	3
TE 3890 Cabinet Making & Millwork	3
<b>Total Credits</b>	<b>64</b>

<b>Criminal Justice Associate of Applied Science</b>	
Effective July 1, 2004 Criminal Justice moved to the College of Humanities and Social Sciences. <a href="http://www.suu.edu/hss/polscj">http://www.suu.edu/hss/polscj</a>	
Course Number and Title	Credits
<b>General Education Core (see page 105)</b>	
General Education	20-21
<b>Core Requirements (15 hours)</b>	
CJ 1010 Introduction to Criminal Justice	3
CJ 1330 Criminal Law	3
CJ 1350 The Corrections Process	3
CJ 1400 Criminal Investigation	3
CJ 2350 Laws of Evidence	3
<b>Select 9 hours from the following list of electives:</b>	
CJ 2100 Juvenile Justice	3
CJ 2110 Introduction to Private Security	3
CJ 2150 Principles of Forensic Science	3
CJ 2200 History of Criminal Justice	3
<b>Electives (19-20 hours)</b>	
Electives should be recommended in consultation with an academic or faculty advisor	19-20
<b>Total Credits</b>	<b>64</b>

<b>CAD/CAM Technology (CAD/CAM Technology replaces Design Technology) Associate of Applied Science</b>	
Effective July 1, 2004 Engineering Technology moved to the College of Computing, Integrated Engineering and Technology. <a href="http://www.suu.edu/ciet/et/">http://www.suu.edu/ciet/et/</a>	
Course Number and Title	Credits
<b>General Education Core (see page 105)</b>	
General Education (must take MATH 1050)	20-21
<b>Core Requirements (7-9 hours)</b>	
CCET 1610 Engineering Technology Graphics	3
TECH 1040 Professional Voc Leadership	1-3
TECH 3000 Occupational Safety	3
<b>DT Emphasis Required Credit (18 hours)</b>	
CCET 1630 Intro to CAD/CAM 3D Design	3

CCET 1640 Computer Aided Design	3
CCET 3670 Civil Design	3
CCET 3680 CNC Design	3
CCET 4600 Engineering Design	3
MATH 1060 Plane Trigonometry	3
<b>DT Courses selected with approval of advisor (9 hours)</b>	
CCET 2650 Mechanical Blueprint Reading	2
CCET 3610 Architectural Design	3
CCET 3620 3-D Design	3
CCET 3630 Fundamentals of CATIA	3
CCET 4610 Advanced Application of CATIA	3
CCET 4690 CNC Software & Applications	3
CM 3650 Residential Drafting	3
EET 3660 Electronic Drafting	3
ENGR 2810 Plane Surveying	3
GEOG 2900 GPS Theory, Techniques and Methods	2
GEOG 2920 Workshop	1-3
GEOG 3500 Intro to Cartography	3
GEOG 3510 Intro to Cartography Lab	1
GEOG 3550 Principles of GIS	3
GEOG 3560 Principles of GIS Lab	2
GEOG 4150 Advanced GIS Analysis Methods Lab	3
GEOG 4500 GIS Research Project	3
GEOG 4920 Workshop	1-3
Electives (5-6 credit hours)	5-6
<b>Total Credits</b>	<b>64</b>

EET 2780 Digital Circuits	3
EET 2790 Microprocessors	3
<b>Recommended Electives (5-6 hours)</b>	
EET 3660 Electronic Drafting	3
EET 3710 Advanced Solid State Circuits	3
EET 3760 Electronic Fabrication	3
EET 4720 Microwave and Optical Systems	3
<b>Total Credits</b>	<b>64</b>

<b>Engineering Technology Electronics Emphasis Associate of Applied Science</b>	
Effective July 1, 2004 Engineering Technology moved to the College of Computing, Integrated Engineering and Technology. <a href="http://www.suu.edu/ciet/et/">http://www.suu.edu/ciet/et/</a>	
<b>Course Number and Title</b>	<b>Credits</b>
<b>General Education Core (see page 105)</b>	
General Education (must take MATH 1050)	20-21
<b>Core Required Courses (7-9 hours)</b>	
MATH 1060 Plane Trigonometry	3
TECH 1040 Professional Voc. Leadership I	1-3
TECH 3000 Occupational Safety	3
<b>Electronic Technology Emphasis (27 hours)</b>	
CS 1050 Visual BASIC <i>or any department approved programming language</i>	3
EET 1710 DC Circuits	3
EET 1720 AC Circuits	3
EET 1730 Active Devices	3
EET 2710 Linear Devices	3
EET 2720 Communications Circuits	3
EET 2760 Industrial Control Systems	3

<b>Paralegal/Legal Assistant Associate of Applied Science</b>	
Effective July 1, 2004 Criminal Justice moved to the College of Humanities and Social Sciences. <a href="http://www.suu.edu/hss/polsci">http://www.suu.edu/hss/polsci</a>	
<b>Course Number and Title</b>	<b>Credits</b>
<b>General Education Core (see page 105)</b>	
General Education (must take BA 2350, & ISA 1050)	20-21
<b>Required Paralegal Courses (32-34 hours)</b>	
PLGL 1100 Introduction to Law	4
PLGL 1200 Legal Ethics for Paralegals	3
PLGL 1400 Legal Interview, Investigation Case Prep	4
PLGL 1500 Family Law	3
PLGL 1900 Civil Procedure	3
PLGL 2000 Legal Research and Writing	3
PLGL 2100 Estate Planning and Probate Law	3
PLGL 2400 Real Estate and Property Law	3
PLGL 2600 Business and Corporate Law	3
PLGL 2800 Law Office Management	2
PLGL 2890 Internship (Dept. consent)	1-3
<b>Required Related Courses (12 hours)</b>	
ISA 1300 Business English	3
CJ 1330 Criminal Law	3
CJ 2350 Laws of Evidence	3
COMM 2750 Interpersonal Communication	3
<b>Total Credits</b>	<b>64-65</b>

<b>Automotive Technology Minor</b>	
Effective July 1, 2004 Automotive Technology moved to the College of Computing, Integrated Engineering and Technology. <a href="http://www.suu.edu/ciet/et/auto">http://www.suu.edu/ciet/et/auto</a>	
<b>Required Credit Hours (minimum)</b>	<b>16</b>
The automotive program offers a number of possible areas of study for a minor. For this reason there is not a specified program of study. Students wishing to minor in automotive must meet with their advisor to plan the course of study.	

<b>Construction Technology Minor</b>	
Effective July 1, 2004 Construction Management moved to the College of Computing, Integrated Engineering and Technology. <a href="http://www.suu.edu/ciet/et/">http://www.suu.edu/ciet/et/</a>	
Course Number and Title	Credits
<b>Required</b>	
CM 2010 Framing Systems	3
CM 2050 Concrete and Masonry	3
CM 2100 Finishing Systems	3
CM 3240 Estimating	3
CM 3270 Building Codes	3
CM 3650 Residential Drafting	3
<b>Total Credits</b>	<b>18</b>

<b>Criminal Justice Minor</b>	
Effective July 1, 2004 Criminal Justice moved to the College of Humanities and Social Sciences. <a href="http://www.suu.edu/hss/polsci">http://www.suu.edu/hss/polsci</a>	
Course Number and Title	Credits
<b>Core Requirements</b>	
CJ 1010 Introduction to Criminal Justice	3
CJ 1330 Criminal Law	3
CJ 3700 Criminal Justice Management	3
Students must choose the remaining 12 credit hours from the Criminal Justice offerings. Twelve of the 21 required credits must be upper division courses.	
<b>Total Credits</b>	<b>21</b>

<b>CAD/CAM Technology Minor</b>	
(CAD/CAM Technology Minor replaces Design Technology Minor)	
Effective July 1, 2004 Engineering Technology moved to the College of Computing, Integrated Engineering and Technology. <a href="http://www.suu.edu/ciet/et/">http://www.suu.edu/ciet/et/</a>	
Course Number and Title	Credits
<b>Core Requirements (6 hours)</b>	
CCET 1610 Engineering Technology Graphics	3
CCET 1640 Computer Aided Design	3
<b>Minimum of 10 elective hours selected from the following. See faculty advisor for individual program needs.</b>	
CCET 1630 Intro to CAD/CAM 3-D Design	3
CCET 2650 Mechanical Blueprint Reading	3
CCET 3610 Architectural Design	3
CCET 3620 3-D Design	3
CCET 3630 Fundamentals of CATIA	3
CCET 3670 Civil Design	3
CCET 3680 CNC Design	3
CCET 4600 Engineering Design	3
CCET 4610 Advanced Application of CATIA	3
CCET 4690 CNC Software and Applications	3
ENGR 2010 Statics	3

CM 3650 Residential Drafting	3
EET 3660 Electronic Drafting	3
ENGR 2040 Mechanics of Materials	3
ENGR 2050 Mechanics of Materials Lab	1
ENGR 2810 Plane Surveying	2
ENGR 3010 Materials Science Engineering	3
GEOG 2900 GPS Theory, Techniques and Methods	2
GEOG 2920 Workshop	1-3
GEOG 3500 Intro to Cartography	3
GEOG 3510 Intro to Cartography Lab	1
GEOG 3550 Principles of GIS	3
GEOG 3560 Principles of GIS Lab	2
GEOG 4150 Advanced GIS Analysis Methods Lab	3
GEOG 4500 GIS Research Project	3
GEOG 4920 Workshop	1-3
<b>Total Credits</b>	<b>16</b>

<b>Electronic Technology Minor</b>	
Effective July 1, 2004 Engineering Technology moved to the College of Computing, Integrated Engineering and Technology. <a href="http://www.suu.edu/ciet/et/">http://www.suu.edu/ciet/et/</a>	
<b>Total Credits (minimum)</b>	<b>16</b>
The electronics program offers a number of possible areas of study for a minor. For this reason there is not a specified program of study. Students wishing to minor in electronics must consult with an advisor in that field to work out a program of study which will best suit the students' needs. Areas of study include general electronics, digital and computer electronics, communication, and servicing.	

<b>Automotive Technology Certificate</b>	
Effective July 1, 2004 Automotive Technology moved to the College of Computing, Integrated Engineering and Technology. <a href="http://www.suu.edu/ciet/et/auto">http://www.suu.edu/ciet/et/auto</a>	
Certification for 8 major areas of automotive service as identified by the National Automotive Technicians Education Foundation (ASE). Students who pass courses with a grade of "C" or better receive a Certificate of Competency in the specific course of study.	
AUTO 1500 Suspension and Steering	5
AUTO 1501 Suspension and Steering Lab	0
AUTO 1510 Engine Repair	6
AUTO 1511 Engine Repair Lab	0
AUTO 1520 Manual Drive Trains and Axles	5
AUTO 1521 Manual Drive Trains and Axles Lab	0
AUTO 1540 Brake Systems	5
AUTO 1541 Brake Systems Lab	0
AUTO 2510 Automotive Electrical I	5
AUTO 2511 Automotive Electrical I Lab	0
AUTO 2520 Automotive Electrical II	5

AUTO 2521 Automotive Electrical II Lab	0
AUTO 2540 Engine Performance I	5
AUTO 2541 Engine Performance I Lab	0
AUTO 2560 Engine Performance II	5
AUTO 2561 Engine Performance II Lab	0
AUTO 2570 Automotive Heating & A/C	5
AUTO 2571 Automotive Heating & A/C Lab	0
AUTO 2580 Automatic Transmission & Transaxle	6
AUTO 2581 Automatic Transmission & Transaxle Lab	0

EET 3660 Electronic Drafting	3
GEOG 2900 GPS Theory, Techniques and Methods	2
GEOG 2920 Workshop	1-3
GEOG 3500 Intro to Cartography	3
GEOG 3510 Intro to Cartography Lab	1
GEOG 3550 Principles of GIS	3
GEOG 3560 Principles of GIS Lab	2
GEOG 4150 Advanced GIS Analysis Methods Lab	3
GEOG 4500 GIS Research Project (Capstone)	3
GEOG 4920 Workshop	1-3
<b>Total Credits</b>	<b>17</b>

**Civil Design Certificate**

Effective July 1, 2004 Engineering Technology moved to the College of Computing, Integrated Engineering and Technology. <http://www.suu.edu/ciet/et/>

Course Number and Title	Credits
<b>Core Requirements (15 hours)</b>	
CCET 1610 Engineering Technology Graphics	3
CCET 1640 Computer Aided Design	3
CCET 3670 Civil Design	3
ENGR 2810 Plane Surveying	3
MATH 1060 Plane Trigonometry	3
<b>Electives Required (2 hours)</b>	
CCET 1630 Intro to CAD/CAM 3D Design	3
CCET 2650 Mechanical Blueprint Reading	3
CCET 3610 Architectural Design	3
CCET 3620 3-D Design	3
CCET 3630 Fundamentals of CATIA	3
CCET 3670 Civil Design	3
CCET 3680 CNC Design	3
CCET 4600 Engineering Design	3
CCET 4610 Advanced Application of CATIA	3
CCET 4690 CNC Software and Applications	3
ENGR 2010 Statics	3
ENGR 2040 Mechanics of Materials	3
ENGR 2050 Mechanics of Materials Lab	1
ENGR 3010 Materials Science Engineering	3
CM 3650 Residential Drafting	3
COMM 1010 Essentials of Communications	3

**Construction Technology Certificate**

Effective July 1, 2004 Construction Management moved to the College of Computing, Integrated Engineering and Technology. <http://www.suu.edu/ciet/et/>

Course Number and Title	Credits
CM 1290 Electrical Systems	2
CM 2010 Framing Systems	3
CM 2050 Concrete & Masonry	3
CM 2100 Finishing Systems	3
CM 3240 Estimating & Bidding	3
CM 3270 Building Codes	3
CM 3650 Residential Drafting	3
CM 3880 Scheduling	3
<b>Elective (optional)</b>	
TE 1820 Material Processing	3
<b>Total Credits</b>	<b>23</b>