

ENGINEERING

ENGINEERING TECHNOLOGY (A.S.) - DIGITAL DESIGN AND MODELING

	Student Information Label	Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.
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Northwest Florida State College	GENERAL EDUCATION	<i>18 credits</i>	LIN 1670 or higher (3 credits)	HUMANITIES (3 credits)	MAT1033 or higher (3 credits)	SCIENCE (4 credits)	SOCIAL SCIENCE (3 credits)	GENERAL EDUCATION ELECTIVES (2 credits)
	CORE COURSES	<i>18 credits</i>	EET 1086C (3 credits)	ETD 1320C (3 credits)	ETI 2110 (3 credits)	ETI 1420 (3 credits)	ETI 1710 (3 credits)	ETM 1010C (3 credits)
	TECHNICAL ELECTIVES	<i>SELECT 24 credits</i>	ETD 1102 (3 credits)	ETD 1340C (3 credits)	ETD 1355C (3 credits)	ETD 2350C (3 credits)	ETD 2357C (3 credits)	ETD 2358C (3 credits)
			ETD 2360C (3 credits)	ETD 2364C (3 credits)	ETD 2368C (3 credits)			

Secondary	Students may be required to successfully complete a demonstration of skills and a faculty interview to further validate competencies and theoretical background prior to granting credit. In certain cases credit may be granted contingent on successful completion of subsequent coursework in the subject area.							
	YEAR 1 • 88600570	Technical Electives - NGE/OCC (3 credits)						
	YEAR 2 • 8800670	Technical Electives - NGE/OCC (3 credits)						
	YEAR 3 • 8800770	Technical Electives - NGE/OCC (3 credits)						
	YEAR 3 • 8601900	Technical Electives - NGE/OCC (3 credits)						

Careers	Gear Machinist, Journeyman Machinist, Machine Operator, Machine Repair Person, Machinist, Maintenance Machinist, Maintenance Specialist, Production Machinist, Set-Up Machinist, Tool Room Machinist, Mechanical Drafter, Designer, Drafter, Design Drafter, Mechanical Designer, CAD Designer (Computer Aided Design Designer), CAD Operator (Computer Aided Design Operator), CAD/CAM Specialist (Computer Aided Design/Computer Aided Manufacturing Specialist), Project Designer, Installation Drafter
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Industry Certifications



Autodesk AutoCAD

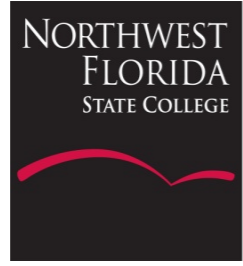



Secondary / University Programs

<u>Okaloosa County School District Programs</u>	<u>Walton County School District Programs</u>	<u>College Programs</u>	<u>University Programs</u>
Engineering Technology Education	Engineering Technology Education	Engineering Technology	Varies by Institution


INFORMATION TECHNOLOGY

COMPUTER PROGRAMMING AND ANALYSIS (A.S.) - Computer Science/Programming

		Student Information Label					Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.		
Northwest Florida State College	GENERAL EDUCATION	18 credits	ENC 1101 or higher (3 credits)	HUMANITIES (3 credits)	MAC 1105 or higher (3 credits)	SCIENCE (4 credits)	SOCIAL SCIENCE (3 credits)	GENERAL EDUCATION ELECTIVES (2 credits)	
	CORE COURSES	24 credits	COP 1006 (3 credits)	CGS 1100 (3 credits)	CGS 1550 (3 credits)	CTS 2101 (3 credits)	CJS 1570 (3 credits)	COP 2010 (3 credits)	
	TECHNICAL ELECTIVES	21 credits	CET 1660 1006 (3 credits)	CIS 1000 (3 credits)	CDA 2525 1100 (3 credits)	CIS 1940 (3 credits)	GEB 1940 (3 credits)	CTS 1171 (3 credits)	<i>Other Approved College Credits</i>
Students may be required to successfully complete a demonstration of skills and a faculty interview to further validate competencies and theoretical background prior to granting credit. In certain cases credit may be granted contingent on successful completion of subsequent coursework in the subject area.									
Secondary	YEAR 1 • 8206010	CGS 1100 Introduction to Computer Programming (3 credits)							
	YEAR 2 • 8206020	COP 1006 Introduction to Programming Concepts and Logic (3 credits)							
	YEAR 3 • 8206030	COP 2010 Visual Basic Programming (3 credits)							
	YEAR 4 • 8206040	COP 2360 Programming in C# (sharp) (3 credits)							
Careers	Technical Support Analyst, Applications Software Specialist, Database Administrator, Internet Technician, Help Desk Support Technician, PC Support Technician, Web Master, Web Support Technician, Web Developer, Systems Analyst, Technical Support Analyst, Computer Programmer, Systems Programmer, Database Analyst, Web Programmer, Programmer Analyst, and Applications Programmer								
Industry Certifications									
Microsoft Certified Professional Developer/Application Developer/Solution Developer									
									
Secondary / University Programs									
<u>Okaloosa County School District Programs</u>			<u>Walton County School District Programs</u>			<u>College Programs</u>		<u>University Programs</u>	
Academy of Microsoft Software Development			Business Computer Programming			Computer Information Administrator (A.S.) Computer Programming and Analysis (A.S.)		Varies by Institution	
POSTSECONDARY PROGRAM OF STUDY									

INFORMATION TECHNOLOGY CLUSTER

COMPUTER ENGINEERING TECHNOLOGY (A.S.) - Networking


	Student Information Label	Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.
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Northwest Florida State College	GENERAL EDUCATION	<i>18 credits</i>	LIN 1670 or higher (3 credits)	HUMANITIES (3 credits)	MAT1033 or higher (3 credits)	SCIENCE (4 credits)	SOCIAL SCIENCE (3 credits)	GENERAL EDUCATION ELECTIVES (2 credits)
	CORE COURSES	<i>16 credits</i>	CIS 1000 OR COP 1006 (3 credits)	CDA 2500 (3 credits)	CET 2173C (3 credits)	CET 1660 (3 credits)	COP ____ (3 credits)	
	TECHNICAL REQUIREMENTS	<i>18 credits</i>	CET 1600C (3 credits)	CET 1610C (3 credits)	CET 2615C (3 credits)	CET 2620C (3 credits)	CET 2854C (3 credits)	CET 2685C (3 credits)
	TECHNICAL ELECTIVES	<i>16 credits</i>	CET 1630 (3 credits)	CET 1632 (3 credits)	ETG 1941 (3 credits)	CDA 2524 (3 credits)	CDA 2529 (3 credits)	CDA 2523 (3 credits)
			CDA 2525 (3 credits)	CET 2625 (3 credits)	<i>Other Approved College Credits</i>			


Secondary	Students may be required to successfully complete a demonstration of skills and a faculty interview to further validate competencies and theoretical background prior to granting credit. In certain cases credit may be granted contingent on successful completion of subsequent coursework in the subject area.							
	YEAR 1 • 88207020	CET 2171C (3 credits) PC Hardware A+	CET 2178C (3 credits) PC Operating Systems A+					
	YEAR 2 • 88207030	CET1600C (3 credits) Network Fundamentals	CET1610C (3 credits) Routing Protocols and Concepts	CET2615C (3 credits) LAN Switching and Wireless	CET2620C (3 credits) Accessing the WAN			


Careers	Computer Operators, Computer Programmers, Computer Security Specialists, Computer Software Engineers (applications), Computer Software Engineers (systems software), Computer Support Specialists, computer Systems Analysts, Database Administrators, Network Systems and Data Communications Analysts
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Industry Certifications

















Secondary / University Programs

<u>Okaloosa County School District Programs</u>	<u>Walton County School District Programs</u>	<u>College Programs</u>	<u>University Programs</u>
Cisco Networking Academy	Networking Support Services Networking Administration	Networking Administrator	Varies by Institution

ARCHITECTURE AND CONSTRUCTION

DRAFTING AND DESIGN TECHNOLOGY (A.S.)



Student Information Label

Careers in designing, planning, managing, building, and maintaining the built environment.

Northwest Florida State College	GENERAL EDUCATION	<i>18 credits</i>	LIN 1670 or higher (3 credits)	HUMANITIES (3 credits)	MAT1033 or higher (3 credits)	SCIENCE (4 credits)	SOCIAL SCIENCE (3 credits)	GENERAL EDUCATION ELECTIVES (2 credits)
	CORE COURSES	<i>18credits</i>	ETD 1102 (3 credits)	ETD 1320C (3 credits)	ETD 1340C (3 credits)	ETD 2350C (3 credits)	ETD 1355C (3 credits)	ETD 2360C (3 credits)
	TECHNICAL ELECTIVES	<i>26 credits</i>	ETD 1112 (4 credits)	ETD 2731 (4 credits)	ETD 2735 (4 credits)	ETD 1217 (4 credits)	ETD 2218 (4 credits)	ETD 2219 (4 credits)
			ETD 2250 (4 credits)	ETD 2251 (4 credits)	ETD 2357C (4 credits)	ETD 2358C (4 credits)	ETD 2364C (4 credits)	ETD 2368C (4 credits)
		ETD 2734 (3 credits)	ETI 1411 (3 credits)	<i>Other Approved College Credits</i>				

Students may be required to successfully complete a demonstration of skills and a faculty interview to further validate competencies and theoretical background prior to granting credit. In certain cases credit may be granted contingent on successful completion of subsequent coursework in the subject area.

Secondary	YEAR 1 • 8918010	ETD 1100 Introduction to Technical Drawing (3 credits)	
	YEAR 2 • 8918020	EGS 1110C Engineering Graphics (3 credits)	
	YEAR 3 • 8918030	Technical Electives - NGE/OCC (3 credits)	

Careers
Architects, Landscape Architects, Architecture Drafters, Construction and Building Inspectors, Civil Drafters, and Surveyors

Industry Certifications



Autodesk AutoCAD






Secondary / University Programs

<u>Okaloosa County School District Programs</u> Construction Technology - Auto Desk Design, Construction Management, and Construction Trades	<u>Walton County School District Programs</u> Building Construction Technology	<u>College Programs</u> Drafting and Design Technology	<u>University Programs</u> Varies by Institution
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ARCHITECTURE AND CONSTRUCTION

ARCHITECTURAL DESIGN AND CONSTRUCTION TECHNOLOGY (A.S.) - Building Construction Option

		Student Information Label					Careers in designing, planning, managing, building, and maintaining the built environment.	
Northwest Florida State College	GENERAL EDUCATION	18 credits	LIN 1670 or higher (3 credits)	HUMANITIES (3 credits)	MAT1033 or higher (3 credits)	SCIENCE (4 credits)	SOCIAL SCIENCE (3 credits)	GENERAL EDUCATION ELECTIVES (2 credits)
	CORE COURSES	27 credits	ETD 1102 (3 credits)	ETD 1320C (3 credits)	ETD 1340C (3 credits)	ECG 1110C (3 credits)	BCN 1230 (3 credits)	BCN 1272 (3 credits)
			TAR 2121C (3 credits)	ARC 2303A (6 credits)				
	TECHNICAL ELECTIVES	21 credits	BCN 2231 (3 credits)	BCN 2721 (3 credits)	BCN 2560 (3 credits)	BCN 1520 (3 credits)	BCT 1763 (3 credits)	BCT 2761 (3 credits)
BUL 2241 (3 credits)			ETD 2542 (3 credits)	ETD 2543C (3 credits)	SUR 2100C (3 credits)	SUR 2140C (3 credits)	<i>Other Approved College Credits</i>	
Secondary	Students may be required to successfully complete a demonstration of skills and a faculty interview to further validate competencies and theoretical background prior to granting credit. In certain cases credit may be granted contingent on successful completion of subsequent coursework in the subject area.							
	YEAR 1 • 8600710 & 8600720	BCN 1230 Building Construction Materials and Processes (3 credits)	BCN 1520 Electrical Systems in Construction (3 credits)	BCN 1567 Plumbing and as Construction Practices (3 credits)				
	YEAR 2 • 8600730	BCN 1272 Blueprint Reading for Commercial Construction (3 credits)						
	YEAR 3 • 8601900	BCN 2721 Construction Management Planning (3 credits)						
Careers	Architects, Landscape Architects, Architecture Drafters, Construction and Building Inspectors, Civil Drafters, and Surveyors							
Industry Certifications								
		Autodesk AutoCAD						
Secondary / University Programs								
<u>Okaloosa County School District Programs</u>		<u>Walton County School District Programs</u>		<u>College Programs</u>		<u>University Programs</u>		
Construction Technology - Auto Desk Design, Construction Management, and Construction Trades		Building Construction Technology		Architectural Design and Construction Technology		Varies by Institution		
POSTSECONDARY PROGRAM OF STUDY								

ARTS, A/V TECHNOLOGY, AND COMMUNICATIONS

Digital Media/Multimedia Technology (A.S.)



Student Information Label

Designing, producing, exhibiting, performing, writing and publishing, multimedia content including visual and performing arts and design, journalism, and entertainment services.

Northwest Florida State College	GENERAL EDUCATION	<i>18 credits</i>	LIN 1670 or higher (3 credits)	HUMANITIES (3 credits)	MAT1033 or higher (3 credits)	SCIENCE (4 credits)	SOCIAL SCIENCE (3 credits)	GENERAL EDUCATION ELECTIVES (2 credits)
	CORE COURSES	<i>18 credits</i>	ART 2602C (4 credits)	GRA 1151C (3 credits)	GRA 2140C (4 credits)	GRA 2190C (3 credits)	GRA 2142C (4 credits)	PGY 1801C (4 credits)
	TECHNICAL ELECTIVES	<i>24 credits</i>	ART 2603C (4 credits)	GRA 2141C (4 credits)	GRA 2143C (4 credits)	GRA 2950C (4 credits)	PGY 1220C (4 credits)	PGY 2802C (4 credits)
			<i>Other Approved College Credits</i>					

Students may be required to successfully complete a demonstration of skills and a faculty interview to further validate competencies and theoretical background prior to granting credit. In certain cases credit may be granted contingent on successful completion of subsequent coursework in the subject area.

Secondary	YEAR 1 • 8207110	GRA 1121C (3 credits)	Technical Electives - NGE/OCC (3 credits)					
	YEAR 2 •							
	YEAR 3 •							
	YEAR 4 •							

Careers Binding Machine Operators and Tenders, Camera Operators, Design Printing Machine Setter and Set-up Operators, Desktop Publishers, Dot Etchers, Electronic Masking System Operators, Electrotypers and Stereotypes, Embossing Machine Set-up Operators, Engraver Set-up Operators, Film Laboratory Technician, hand Compositors and Typesetters, Job Printers, Letterpress Setters and Set-up Operators, Pantograph Engravers, Lithographic Press Setters and Operators, and Scanner Operators

Industry Certifications



Print Specialist - Web Specialist - Video Specialist - In Design - Photoshop - Illustrator - Dreamweaver or Flash



Secondary / University Programs

<u>Okaloosa County School District Programs</u>	<u>Walton County School District Programs</u>	<u>College Programs</u>	<u>University Programs</u>
Web Design Academy	Web Design	Graphics Technology	Varies by Institution

POSTSECONDARY PROGRAM OF STUDY

ARTS, A/V TECHNOLOGY, AND COMMUNICATIONS

GRAPHICS TECHNOLOGY (A.S.) - Web and Graphics Design

		Student Information Label					Designing, producing, exhibiting, performing, writing and publishing, multimedia content including visual and performing arts and design, journalism, and entertainment services.		
Northwest Florida State College	GENERAL EDUCATION	18 credits	LIN 1670 or higher (3 credits)	HUMANITIES (3 credits)	MAT1033 or higher (3 credits)	SCIENCE (4 credits)	SOCIAL SCIENCE (3 credits)	GENERAL EDUCATION ELECTIVES (2 credits)	
	CORE COURSES	18 credits	GRA 1121C (3 credits)	GRA 1162C (3 credits)	ART 1600C (3 credits)	ART 2602C (3 credits)	PGY 1801C (3 credits)	BCN 1272 (3 credits)	
	TECHNICAL ELECTIVES	28 credits	GRA 1122C (3 credits)	GRA 2156C (4 credits)	GRA 2210C (4 credits)	PGY 1220C (4 credits)	ART 2601C (3 credits)	ART 2603C (4 credits)	
			PGY 2802C (4 credits)	GRA 2142C (4 credits)	GRA 2164C (4 credits)	Other Approved College Credits			
Students may be required to successfully complete a demonstration of skills and a faculty interview to further validate competencies and theoretical background prior to granting credit. In certain cases credit may be granted contingent on successful completion of subsequent coursework in the subject area.									
Secondary	CHOICE PACKAGE I - Web Design Academy				CHOICE PACKAGE III - New Media Technology Academy				
	YEAR 1 • 8207110	GRA 2142C Web Design I (4 credits)			YEAR 1 • 8207110	GRA 2190C Graphic Design I (3 credits)			
	YEAR 2 • 8207120				YEAR 2 • 8207120				
	CHOICE PACKAGE II - Web Design Academy								
	YEAR 1 • 8207110	GRA 2142C Web Design I (4 credits)							
	YEAR 2 • 8207120								
YEAR 3 • 8207130	GRA 2143C Advanced Web Design/Graphics (4 credits)								
YEAR 4 • 8207140									
Careers	Binding Machine Operators and Tenders, Camera Operators, Design Printing Machine Setter and Set-up Operators, Desktop Publishers, Dot Etchers, Electronic Masking System Operators, Electrotypers and Stereotypes, Embossing Machine Set-up Operators, Engraver Set-up Operators, Film Laboratory Technician, hand Compositors and Typesetters, Job Printers, Letterpress Setters and Set-up Operators, Pantograph Engravers, Lithographic Press Setters and Operators, and Scanner Operators								
Industry Certifications									
		Print Specialist - Web Specialist - Video Specialist - In Design - Photoshop - Illustrator - Dreamweaver or Flash							
Secondary / University Programs									
Okaloosa County School District Programs			Walton County School District Programs			College Programs		University Programs	
Web Design Academy			Web Design			Graphics Technology		Varies by Institution	

POSTSECONDARY PROGRAM OF STUDY

EDUCATION AND TRAINING
EARLY CHILDHOOD EDUCATION (A.S.)



Student Information Label

Planning, managing, and providing education training services, and related learning support services.

Northwest Florida State College	GENERAL EDUCATION	<i>18 credits</i>	LIN 1670 or higher (3 credits)	HUMANITIES (3 credits)	MAT1033 or higher (3 credits)	SCIENCE (4 credits)	SOCIAL SCIENCE (3 credits)	GENERAL EDUCATION ELECTIVES (2 credits)
	CORE COURSES	<i>39 credits</i>	DEP 2100 (3 credits)	CHD 1430 (3 credits)	HUN 2410A (3 credits)	CHD 2322 (3 credits)	CHD 2432A (3 credits)	CHD 1312 (3 credits)
			CHD 1800 (3 credits)	CHD 1223 (3 credits)	CHD 1941 (3 credits)	CHD 2332A (3 credits)	CHD 2334A (3 credits)	CHD 2337A (3 credits)
			CHD 1531 (3 credits)					
TECHNICAL ELECTIVES	<i>6 credits</i>	HSC 1400 (3 credits)	CHD 1230 (3 credits)	FAD 1123 (3 credits)	EEX 2010 (3 credits)	CHD 2433 (3 credits)	CHD 1941 (3-6 credits)	
		PGY 2802C (4 credits)	EDF 1005 (3 credits)	EDG 2701 (3 credits)	EME 2040 (3 credits)	SPC 2300 (3 credits)	<i>Other Approved College Credits</i>	

Students may be required to successfully complete a demonstration of skills and a faculty interview to further validate competencies and theoretical background prior to granting credit. In certain cases credit may be granted contingent on successful completion of subsequent coursework in the subject area.

Secondary	YEAR 1 • 8503211	EEC 1001 - Introduction to Early Childhood Ed. (3 credits)						
	YEAR 2 • 8503212	EEC 1949 - internship, Early Childhood Ed. (3 credits)						
	YEAR 3 • 8503213	EEC 1949 - internship, Early Childhood Ed. (3 credits)						

Careers
Preschool Teacher, Teachers Assistant, Child Care Workers, Nannies, Personal and Home Care Aides

Industry Certifications

Florida Childcare Certificate, Florida Child Care Professional Certification, Florida's Director's Credential, National Early Childhood Credential, Active Birth through Five Child Care Credential, and Active School-Age Child Care Credential

Secondary / University Programs

<u>Okaloosa County School District Programs</u>	<u>Walton County School District Programs</u>	<u>College Programs</u>	<u>University Programs</u>
Early Childhood Education - Preschool Certification	N/A	Early Childhood Education	Varies by Institution

LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY

CRIMINAL JUSTICE TECHNOLOGY (A.S.) - Criminal Justice Option



Student Information Label

Planning, managing, and providing legal, public safety, protective services, and homeland security, including professional and technical support services.

Northwest Florida State College	GENERAL EDUCATION	<i>18 credits</i>	LIN 1670 or higher (3 credits)	HUMANITIES (3 credits)	MAT1033 or higher (3 credits)	SCIENCE (4 credits)	SOCIAL SCIENCE (3 credits)	GENERAL EDUCATION ELECTIVES (2 credits)
	CORE COURSES	<i>15 credits</i>	CCJ 1020 (3 credits)	CCJ 1000 (3 credits)	CJL 1100 (3 credits)	CJL 1400 (3 credits)	CJL 2500 (3 credits)	
	TECHNICAL ELECTIVES	<i>31 credits</i>	CCJ 1500 (3 credits)	CCJ 1941 (3 credits)	CJC 2162 (3 credits)	CJC 2000 (3 credits)	CJT 2340 (3 credits)	FFP 1801 (2 credits)
			FFP 2820 (3 credits)	SYG 2010 (3 credits)	PLA 1005 (3 credits)	PLA 1013 (3 credits)	PLA 1800 (3 credits)	BUL 2241 (3 credits)
		<i>Other Approved College Credits</i>						

Secondary	Students may be required to successfully complete a demonstration of skills and a faculty interview to further validate competencies and theoretical background prior to granting credit. In certain cases credit may be granted contingent on successful completion of subsequent coursework in the subject area.							
	YEAR 1 • 8918010	Technical Electives - NGE/OCC (3 credits)						
	YEAR 2 • 8918020	Technical Electives - NGE/OCC (3 credits)						
	YEAR 3 • 8918030	Technical Electives - NGE/OCC (3 credits)						




Careers
 Bailiffs, Correctional Officers and Jailers, Criminal Investigators and Special Agents, Fire Investigators, Forensic Science Technicians, Highway Patrol Pilots, Parking Enforcement Workers, Police Detectives, Police Identification and Records Officers, Police Patrol Officers, Sheriffs and Deputy Sheriffs, Transit and Railroad Police, Animal Control Workers, Crossing Guards, Gaming Surveillance Officers and Gaming Investigators, Lifeguards, Ski Patrol, and other Recreational Protective Service Workers, Private Detectives and Investigators, and Security Guards

Industry Certifications

Certified Law Enforcement Officer, Certified Corrections Officer, Certified Corrections Officer/Provisional

Secondary / University Programs

<u>Okaloosa County School District Programs</u>	<u>Walton County School District Programs</u>	<u>College Programs</u>	<u>University Programs</u>
CSI - Criminal Justice	N/A	Public Safety/Criminal Justice	Varies by Institution

Health Science								
Health Services Management (A.S.)								
Northwest Florida State College			Student Information Label				Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.	
	GENERAL EDUCATION	18 credits	LIN 1670 or higher (3 credits)	HUMANITIES (3 credits)	MAT1033 or higher (3 credits)	SCIENCE (4 credits)	SOCIAL SCIENCE (3 credits)	GENERAL EDUCATION ELECTIVES (2 credits)
	CORE COURSES	23 credits	HSC 1531 (3 credits)	HSA 1100 (3 credits)	HSC 1400 (3 credits)	HSC 1100 (3 credits)	CGS 1030 OR CGS 1100 (3 credits)	SPC 2300 (3 credits)
			MNA 1345 (3 credits)	MNA 1161 (3 credits)				
TECHNICAL ELECTIVES	21 credits	HIM 1000 (3 credits)	GEB 2430 (3 credits)	MNA 1346 (3 credits)	MAN 2021 (3 credits)	MAR 2011 (3 credits)	GEB 1011 (2 credits)	
		Other Approved College Credits						
Secondary	Students may be required to successfully complete a demonstration of skills and a faculty interview to further validate competencies and theoretical background prior to granting credit. In certain cases credit may be granted contingent on successful completion of subsequent coursework in the subject area.							
	YEAR 1 • 8918010	Technical Electives - NGE/OCC (3 credits)						
	YEAR 2 • 8918020	Technical Electives - NGE/OCC (3 credits)						
	YEAR 3 • 8918030	Technical Electives - NGE/OCC (3 credits)						
Careers	<p>Acupuncturist, Ambulance Driver/Attendant, Anesthesiologist, Athletic Trainer, Cardiovascular Technologist/Technician, Chiropractor, Coroner, Dental Assistant, Dental Hygienist, Dental Laboratory Technician, Dentist, Diagnostic Medical Sonographer, Dietetic Technician, Dietitian/Nutritionist, Dispensing Optician, Embalmer, Emergency Medical Technician/Paramedic, Family/General Practitioner, Home Health Aide, Hospitalist, Internist, General, Licensed Practical Nurse, Massage Therapist, Medical and Health Services Manager, Medical Assistant, Medical Equipment Preparer, Medical Records/Health Information Technician, Medical Transcriptionist, Medical/Clinical Laboratory Technician, Medical/Clinical Laboratory Technologist, Naturopathic Physician, Nuclear Medicine Technologist, Nurse Aide/Orderly, Nurse Midwife, Nurse Practitioner, Obstetrician and Gynecologist, Occupational Health and Safety Specialist, Occupational Therapist, Occupational Therapy Aide, Occupational Therapy Assistant, Optometrist, Oral Surgeon, Orthodontist, Orthotist and Prosthetist, Pediatrician, General, Pharmacist, Pharmacy Aide, Pharmacy Technician, Physical Therapist, Physical Therapist Aide, Physical Therapy Assistant, Physician Assistant, Podiatrist, Psychiatric Aide, Psychiatric Technician, Psychiatrist, Radiation Therapist, Radiologic Technician, Radiologic Technologist, Recreational Therapist, Registered Nurse, Respiratory Therapist, Respiratory Therapy Technician, Speech-Language Pathologist, Surgeon, Surgical Technologist, Veterinarian, Veterinary Assistant/Laboratory Animal Caretaker, Veterinary Technician/Technologist</p>							
Industry Certifications								
								
Secondary / University Programs								
Okaloosa County School District Programs Medical Institute; Health Engineering Institute; Biomedical Institute			Walton County School District Programs TBA		College Programs Health Services Management		University Programs Varies by Institution	
POSTSECONDARY PROGRAM OF STUDY								

ENGINEERING

ENGINEERING TECHNOLOGY (A.S.) - MECHANICAL DESIGN AND FABRICATION



Student Information Label

Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.

Northwest Florida State College	GENERAL EDUCATION	<i>18 credits</i>	LIN 1670 or higher (3 credits)	HUMANITIES (3 credits)	MAT1033 or higher (3 credits)	SCIENCE (4 credits)	SOCIAL SCIENCE (3 credits)	GENERAL EDUCATION ELECTIVES (2 credits)
	CORE COURSES	<i>18 credits</i>	EET 1086C (3 credits)	ETD 1320C (3 credits)	ETI 2110 (3 credits)	ETI 1420 (3 credits)	ETI 1710 (3 credits)	ETM 1010C (3 credits)
	TECHNICAL ELECTIVES	<i>SELECT 24 credits</i>	ETD 1102 (3 credits)	ETD 2364C (3 credits)	ETD 1102 (3 credits)	ETD 2368C (3 credits)	ETI 2111 (3 credits)	ETI 1411 (3 credits)
			ETI 1414C (3 credits)	ETI 2411C (3 credits)	ETI 2412C (3 credits)	ETI 2414C (3 credits)	ETI 2419C (3 credits)	PMT 2406 (3 credits)
		PMT 2512 (3 credits)						

Students may be required to successfully complete a demonstration of skills and a faculty interview to further validate competencies and theoretical background prior to granting credit. In certain cases credit may be granted contingent on successful completion of subsequent coursework in the subject area.

Secondary	YEAR 1 • 88600570	Technical Electives - NGE/OCC (3 credits)						
	YEAR 2 • 8800670	Technical Electives - NGE/OCC (3 credits)						
	YEAR 3 • 8800770	Technical Electives - NGE/OCC (3 credits)						
	YEAR 3 • 8601900	Technical Electives - NGE/OCC (3 credits)						

Careers
 Gear Machinist, Journeyman Machinist, Machine Operator, Machine Repair Person, Machinist, Maintenance Machinist, Maintenance Specialist, Production Machinist, Set-Up Machinist, Tool Room Machinist, Mechanical Drafter, Designer, Drafter, Design Drafter, Mechanical Designer, CAD Designer (Computer Aided Design Designer), CAD Operator (Computer Aided Design Operator), CAD/CAM Specialist (Computer Aided Design/Computer Aided Manufacturing Specialist), Project Designer, Installation Drafter

Industry Certifications



Autodesk AutoCAD



Secondary / University Programs

<u>Okaloosa County School District Programs</u> Engineering Technology Education	<u>Walton County School District Programs</u> Engineering Technology Education	<u>College Programs</u> Engineering Technology	<u>University Programs</u> Varies by Institution
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