

The NC Aerospace Initiative connects a variety of enterprises in the aerospace sector that are working to promote the industry's growth. The NCAI is a coalition of aerospace interests that have come together to align these enterprises and to act as a clearinghouse for all things aerospace. This resource guide is a product of the NCAI initiative.



Community College Training

Degrees, Diplomas and Certifications Piedmont Triad Region

The North Carolina Community College systems offers degrees, diplomas and certificates related to the aerospace industry. In addition to these programs, each college has a Customized Industry Training program that works with local business and industry to develop training programs to meet specific training needs.

- Degree
 - Diploma
 - Certificate
- CH = Credit Hours

DEGREES

- | | |
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| <ul style="list-style-type: none"> Associate in Science – Engineering Aviation Electronics Technician Aviation Management & Career Pilot Technology Program Aviation Systems Technology Computer Engineering Technology Computer-Integrated Machining Electronics Engineering Technology | <ul style="list-style-type: none"> Industrial Systems Technology Manufacturing Technology Mechanical Drafting Technician Mechanical Engineering Technology Mechatronics Engineering Technology Welding Technology |
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DIPLOMAS

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> Associate in Science – Pre-Major Engineering Computer-Integrated Machining Electronics Engineering Technology Industrial Systems Technology | <ul style="list-style-type: none"> Manufacturing Technology Mechanical Drafting Technician Mechatronics Engineering Technology Welding Technology |
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CERTIFICATES

Aviation Maintenance Technology Part 65
Aviation Management
Advanced CNC Fundamentals
Advanced CNC Machining
Airframe and Powerplant
Airframe Rating Option
Basic Conventional Machining
Basic Electronics
Basic Machining
Basic Welding
Career Pilot
CNC Fundamentals
CNC Lathe
CNC Milling
CNC Machining
CNC Operations
CNC Operator
CNC Programming Turning & Milling
CNC Set-up
Computer-Integrated Machining
Electronics Engineering Technology
Facility Maintenance
Industrial Drafting & Design Fundamentals
Industrial Maintenance
Industrial Systems Electrical

Industrial Systems Mechanical
Industrial Systems Technology
Industrial Systems-Controls
Industrial Systems-Electromechanical Systems
Industrial Systems-Maintenance Procedures
Intermediate Conventional Machining
Intermediate Welding
Machine Operator
Machining Fundamentals
Manufacturing Technology
Mechanical Drafting
Mechanical Drafting/CAD
Mechanical Drafting Technology
Mechatronics Engineering Technology
Powerplant Rating Option
Sustainability Technologies Certificate
Welding/Inert Gas
Welding/Oxy-Fuel
Welding-Emphasis in Basic Techniques
Welding-Emphasis in Intermediate Techniques
Welding-Emphasis in Advanced Techniques
Welding-Emphasis in Stick Welding
Welding-Emphasis in MIG Welding
Welding-Emphasis in TIG Welding
Welding Technology

Associate in Science – Engineering

This program is designed to offer students an opportunity to take the first two years of a four-year college or university program in mathematics or the physical or life sciences. This program is designed to offer students an opportunity to take the first two years of a four-year college or university program in mathematics or the physical or life sciences.

Forsyth Technical Community College

Associates in Science
2100 Silas Creek Parkway
Winston-Salem, NC 27103

Contact:

336-734-7156

www.forsythtech.edu/credit-programs/credit-track/programs-a-z/associate-in-science/

Degree:

Associate in Science
64-65 semester hours: 4 semesters
Admission Cycle: Every semester

Guilford Technical Community College

601 High Point Road
Jamestown, NC 27282

Contact:

336-334-4822, ext. 50125

[www.gtcc.edu/programs-of-study/college-transfer/associates-in-science-\(as\).aspx](http://www.gtcc.edu/programs-of-study/college-transfer/associates-in-science-(as).aspx)

Degree:

Associate in Science (Engineering) NC A&T
State University Transfer Program (65 CH)

Montgomery Community College

1011 Page Street
Troy, NC 27371

Contact:

Robert Nelson
Program Head, Arts & Sciences
910-576-6222
nelsonr@montgomery.edu
www.montgomery.edu/associate-in-science-home.html

Degree:

Associate in Science

Randolph Community College

629 Industrial Park Avenue
Asheboro, NC 27205

Contact:

Donna Perry
Division Chair
336-629-4695
dmperry@randolph.edu
www.randolph.edu/academics/stem/pre-major_engineering.php

Degree:

Associate in Science Pre-Major Engineering (64-65 CH)

Diploma:

Associate in Science Pre-Major Engineering

Day, Evening and Online

Surry Community College

College Transfer
630 South Main Street
Dobson, NC 27017

Contact:

Scott Wilson
Transfer Counselor
336-386-3370
wilsons@surry.edu
www.surry.edu/Programs/ScienceAssociate.aspx

Degree:

Associate in Science (65 CH)

Aviation Electronics Technician

This curriculum provides individuals with the basic knowledge and skills needed to enter the avionics career field as a technician. It also provides the student with preparation for the Federal Communications Commission General Radio and Telephone License examination. Course work includes general aviation maintenance, sheet metal, airframe systems, electrical and electronic systems, practical wiring, navigation equipment, flight management and flight control systems, flight line testing and troubleshooting, and Federal Aviation Administration (FAA) regulations.

Guilford Technical Community College

T. H. Davis/GTCC Aviation Center
260 North Regional Road
Greensboro, NC 27409

Contact:

Jesse Cross
Director, Admissions
336-334-4822 ext. 50125
jlcross@gtcc.edu
[www.gtcc.edu/programs-of-study/aviation-electronics-\(avionics\)-technology.aspx](http://www.gtcc.edu/programs-of-study/aviation-electronics-(avionics)-technology.aspx)

Degree:

Associate in Applied Science (73 CH)
Program is taught in block training format: 4 hours per day, 5 days a week. (First semester: 5 hours per day, 25 hours per week)

This is a limited enrollment program: Contact the Enrollment Services Office for Program admission requirements and program application deadlines.

Aviation Maintenance Technology Part 65

This certificate offers a powerful preparation for the Airframe and Powerplant Certificate. For those that have already satisfied the experience requirements established by the FAA to qualify for license testing, this certificate will help power up the skills for the written, oral and practical examination.

Embry-Riddle Aeronautical University- Worldwide

Certificate:

Aviation Maintenance Technology Part 65
(18 Hours)

Guilford Technical Community College

260 N. Regional Road
c/o GTCC Aviation Center
Greensboro, NC 27409
336-665-9401

Greensboro@erau.edu

<http://worldwide.erau.edu/locations/greensboro/>

This certificate program is designed specifically for individuals who satisfy the requirements outlined in Part 65.77 of the Federal Aviation Regulations.

Aviation Management & Career Pilot Technology Program

The Aviation Management & Career Pilot Technology curriculum prepares individuals for a variety of aviation and aviation-related careers including the commercial airlines, general aviation, the aerospace industry, the military, and state and federal aviation organizations. Course work includes fundamentals of flight, aerodynamics, aircraft performance, meteorology, navigation, federal regulations, aviation management, and instrument and commercial ground training. Optional course work includes flight and simulator training or business management training.

Guilford Technical Community College

T. H. Davis/GTCC Aviation Center
260 North Regional Road
Greensboro, NC 27409

Contact:

Jesse Cross
Director, Admissions
336-334-4822 ext. 50125

jlcross@gtcc.edu

www.gtcc.edu/programs-of-study/aviation-management-and-career-pilot-technology.aspx

Degree:

Aviation Management-Associate in Applied
Science (70 CH)
Career Pilot-Associate in Applied Science
(70 CH)
Day-some classes for graduation are
offered at night.

Certificate:

Aviation Management Certificate (15 CH)
Career Pilot Certificate (16 CH)
Day/Night

Aviation Systems Technology

This curriculum provides the basic knowledge and skills for a career as an Aviation Maintenance Technician (AMT), generally known as an Airframe and Powerplant (A&P) mechanic. The AST program prepares the student for the written, oral, and practical examinations for the FAA mechanic certificate with either or both the airframe and powerplant ratings.

Guilford Technical Community College

T. H. Davis/GTCC Aviation Center
260 North Regional Road
Greensboro, NC 27409

Contact:

Jesse Cross, Director, Admissions
336-334-4822 ext. 50125

jlcross@gtcc.edu

www.gtcc.edu/programs-of-study/aviation-systems-technology.aspx

Degree:

Associate in Applied Science (91 CH)

Certificate:

Airframe and Powerplant (73 CH)
Airframe Rating Option (43 CH)
Powerplant Rating Option (45 CH)

Limited enrollment-new classes offered in
Fall

Computer Engineering Technology

Install, service, and maintain computers, peripherals, networks, and microprocessor and computer controlled equipment. Requires knowledge of hardware, software and operating systems. Graduates should qualify for employment opportunities in electronics technology, computer service, computer networks, server maintenance, programming, and other areas requiring knowledge of electronic and computer systems. Graduates may also qualify for certification in electronics, computers, or networks.

Forsyth Technical Community College

Computer Engineering Technology
2100 Silas Creek Parkway
Winston-Salem, NC 27103

Contact:

Dale Bujan, Program Coordinator
336-757-3262

dbujan@forsythtech.edu

www.forsythtech.edu/credit-programs/credit-track/programs-a-z/computer-engineering-technology/

Degree:

Associate in Applied Science

Day Program: 5 semesters

Evening Program: 7 semesters

Admission Cycle: Fall and spring

Maximum Number Admitted Annually: 36 in the fall, 18 in the spring

Computer-Integrated Machining

The Computer-Integrated Machining curriculum prepares students with the analytical, creative and innovative skills necessary to take a production idea from an initial concept through design, development and production, resulting in a finished product.

Alamance Community College

Computer-Integrated Machining
1247 Jimmie Kerr Road
Graham, NC 27253

Contact:

336-506-4270

www.alamancecc.edu/industrial-and-graphics-technologies-site/computer-integrated-machining/

Degree:

Associate in Applied Science (64 CH)

Diploma:

Machining (35 CH)

Certificate:

Advanced CNC Machining (12 CH)

Basic Machining (12 CH)

CNC Machining (14 CH)

Davidson County Community College

Computer-Integrated Machining
297 DCCC Road
Thomasville, NC 27360

Contact:

Susan Medlin
Instructional Support Staff
336-249-8186

pmedlin@davidsonccc.edu

www.davidsonccc.edu/academics/business-engineering-and-technical-studies/advanced-manufacturing-technologies/computer

Degree:

Associate in Applied Science (66 CH)

Diploma:

Computer Integrated Machining (36 CH)

Certificate:

Machining Fundamentals (14 CH)

CNC Fundamentals (15 CH)

Advanced CNC Fundamentals (14 CH)

Forsyth Technical Community College

Computer-Integrated Machining Program
2100 Silas Creek Parkway
Winston-Salem, NC 27103

Contact:

Todd Bishop, Program Coordinator
336-734-7529

tbishop@forsythtech.edu

www.forsythtech.edu/credit-programs/credit-track/programs-a-z/computer-integrated-machining/

Degree:

Associate in Applied Science – Day Program (69 CH)

Diploma:

Computer Integrated Machining – Day and Evening (40 CH)

Certificate:

CNC-Day and Evening, 4 semesters (40 CH)

Guilford Technical Community College

Computer-Integrated Machining
601 High Point Road
Jamestown, NC 27282

Contact:

336-334-4822 Ext. 53088

www.gtcc.edu/programs-of-study/computer-integrated-machining.aspx

Degree:

Associate in Applied Science (68 CH)

Diploma:

Computer Integrated Machining (43 CH)

Certificate:

Basic Conventional Machining (14 CH)
Intermediate Conventional Machining (12 CH)

CNC Set-Up – Certificate (18 CH)

CNC Operator – Certificate (18 CH)

Randolph Community College

Computer-Integrated Machining
629 Industrial Park Avenue
Asheboro, NC 27205

Contact:

Garret B. Parker, Department Head
336-629-4695

gbparker@randolph.edu

www.randolph.edu/academics/mechanical_industrial/machining.php

Degree:

Associate in Applied Science (76 CH)

Diploma:

Computer-Integrated Machining (44 CH)

Certificate:

Computer-Integrated Machining (18 CH)
CNC Prog. Turning & Milling (12 CH)
CNC Operator (12 CH)

Degree/Diploma-Day, evening, online and/or hybrid. Certificates-Day/evening.

Rockingham Community College

Computer-Integrated Machining Program
215 Wrenn Memorial Road, Hwy. 65
Wentworth, NC 27375

Contact:

Chad Pilson, Instructor
336-342-4261

pilsonc@rockinghamcc.edu

www.rockinghamcc.edu/credit-programs/aas-programs/computer-integrated-machining.htm

Degree:

Associate in Applied Science (66 CH)
Full-time Day Program

Diploma:

Computer-Integrated Machining (39 CH)

Certificate:

CNC Lathe (15 CH)
CNC Milling (15 CH)
Essential Computer-Integrated Machining Fundamentals (16 CH)

Surry Community College

Engineering Technologies
630 South Main Street
Dobson, NC 27017

Contact:

Jason Randall - 336-386-3435

randallj@surry.edu

www.surry.edu/Programs/MachiningTechnology.aspx

Degree:

Associate in Applied Science (69 CH)

Diploma:

Computer-Integrated Machining (38 CH)

Certificate

Computer-Integrated Machining (18 CH)

Electronics Engineering Technology

The Electronics Engineering Technology curriculum prepares individuals to become technicians who design, build, install, test, troubleshoot, repair, and modify developmental and production electronic components, equipment, and systems such as industrial/computer controls, manufacturing systems, communication systems, and power electronic systems.

Davidson County Community College

297 DCCC Road
Thomasville, NC 27360

Contact:

Susan Medlin
Instructional Support Staff
336-249-8186

pmedlin@davidsonccc.edu
www.davidsonccc.edu/academics/business-engineering-and-technical-studies/advanced-manufacturing-technologies/electronics

Degree:

Associate in Applied Science (69 CH)

Diploma:

Electronics Engineering Technology (40 CH)

Certificate:

Electronics Engineering Technology-
Emphasis in Mechatronics (18 CH)

Forsyth Technical Community College

Electronics Engineering Technology
2100 Silas Creek Parkway
Winston-Salem, NC 27103

Contact:

Tom Roth
Program Coordinator
336-734-7333

troth@forsythtech.edu
www.forsythtech.edu/credit-programs/credit-track/programs-a-z/electronics-engineering-technology/

Degree:

Associate in Applied Science (73 CH)

Day – 5 semesters, Evening – 7 semesters

Certificate:

Electronics Engineering Technology
Day/Evening – 3 semesters (17 CH)

Admission Cycle: Fall, spring

Maximum Number Admitted Annually: 36
fall, 18 spring

Guilford Technical Community College

Electronics Engineering Technology
601 High Point Road
Jamestown, NC 27282

Contact:

336-334-4822 ext. 53055

www.gtcc.edu/programs-of-study/electronics-engineering-technology.aspx

Degree:

Associate in Applied Science (68-70 CH)

Associate in Applied Science-Wireless
Option (68-70 CH)

Diploma:

Electronics Engineering Technology (37 CH)

Rockingham Community College

Electronics Engineering Technology
215 Wrenn Memorial Road, Hwy. 65
Wentworth, NC 27375

Contact:

Anthony Edwards
Instructor
336-342-4261

edwardsa@rockinghamcc.edu
www.rockinghamcc.edu/credit-programs/aas-programs/electronics-engineering-technology.htm

Degree:

Associate in Applied Science (66 CH)

Diploma:

Electronics Engineering Technology (47 CH)

Certificate:

Basic Electronics (17 CH)

Surry Community College

Engineering Technologies
630 South Main Street
Dobson, NC 27017

Contact:

Jason Randall
336-386-3435
randallj@surry.edu
www.surry.edu/Programs/ElectronicsEngineeringTechnologyDegree.aspx

Degree:

Associate in Applied Science (70 CH)

Certificate:

Electronics Engineering Technology (17 CH)

Industrial Systems Technology

The industrial Systems Technology curriculum is designed to prepare or upgrade individuals to safely service, maintain, repair, or install equipment. Instruction includes theory and skill training needed for inspecting, testing, troubleshooting, and diagnosing industrial systems.

Alamance Community College

Industrial Systems Technology
1247 Jimmie Kerr Road
Graham, NC 27253

Contact:

336-506-4226
William Welborn
Bill.Welborn@alamancecc.edu
www.alamancecc.edu/industrial-and-graphics-technologies-site/industrial-systems-technology/

Degree:

Associate in Applied Science (66 CH)

Diploma:

Industrial Systems (37 CH)

Certificate:

Industrial Systems Electrical (14 CH)
Industrial Systems Mechanical (12 CH)
Industrial Systems Technology/Controls (16 CH)
IST Green (12 CH)

Davidson County Community College

297 DCCC Road
Thomasville, NC 27360

Contact:

Susan Medlin
Instructional Support Staff
336-249-8186
pmedlin@davidsonccc.edu
www.davidsonccc.edu/academics/business-engineering-and-technical-studies/advanced-manufacturing-technologies/industrial

Degree:

Associate in Applied Science (75 CH)

Diploma:

Industrial Systems Technology

Certificate:

Industrial Systems Technology-
Emphasis in Electromechanical Systems (15 CH)
Industrial Systems Technology-
Emphasis in Maintenance Procedures (18 CH)

Forsyth Technical Community College

Industrial Systems Technology
2100 Silas Creek Parkway
Winston-Salem, NC 27103

Contact:

Robin Petree
Program Coordinator
336-757-3050
rpetree@forsythtech.edu
www.forsythtech.edu/credit-programs/credit-track/programs-a-z/industrial-systems-technology/

Degree:

Associate in Applied Science (70 CH)

Day-5 Semesters

Diploma:

Day-3 semesters (41 CH)

Certificate:

Machine Operator – Day and Evening (12 CH)

Admission Cycle: Any semester, but some courses have prerequisites
Maximum Number Admitted Annually: 14

Guilford Technical Community College

Industrial Systems Technology
601 High Point Road
Jamestown, NC 27282

Contact:

336-334-4822 Ext. 53105

www.gtcc.edu/programs-of-study/industrial-systems-technology.aspx

Degree:

Associate of Applied System (69 CH)

Piedmont Community College

Industrial Systems Technology Program
Caswell County Campus
331 Piedmont Drive
Yanceyville, NC

Contact:

336-694-5707

David Wehrenberg

Instructor, Industrial Systems Technology

wehrend@piedmontcc.edu

www.piedmontcc.edu/Portals/0/Documents/ProgramsofStudy/IndustrialSystemsTechnology.pdf

Degree:

Associate in Applied Science (75 CH)

Diploma:

Industrial Systems Diploma (48 CH)

Certificate:

Basic Certificate (14 CH)

Intermediate Certificate (18 CH)

Sustainability Technologies Certificate (18 CH)

Rockingham Community College

Industrial Systems Technology
215 Wrenn Memorial Road, Hwy. 65
Wentworth, NC 27375

Contact:

William Soyars

Program Coordinator/Assistant Professor

336-342-4261

soyarsw@rockinghamcc.edu

www.rockinghamcc.edu/credit-programs/aas-programs/industrial-systems-technology.htm

Diploma:

Industrial Systems Technology (47 CH)

Two-Year Part-time Evening Program

Certificate:

Facility Maintenance (14 CH)

Industrial Maintenance (17 CH)

Surry Community College

Engineering Technologies
630 South Main Street
Dobson, NC 27017

Contact:

Jason Randall

336-386-3435

randallj@surry.edu

www.surry.edu/Programs/IndustrialSystemsTechnology.aspx

Degree:

Associate in Applied Science (74-75 CH)

Diploma:

Industrial Systems Technology (40 CH)

Certificate:

Industrial Systems Technology (16 CH)

Manufacturing Technology

The Manufacturing Technology curriculum provides an introduction to the principles and practices of manufacturing in today's global marketplace. The student will be exposed to valuable high-tech concepts applicable in a variety of industries such as plastics, metals, furniture, textiles, and electronics.

Davidson County Community College

Manufacturing Technology
297 DCCC Road
Thomasville, NC 27360

Contact:

Susan Medlin, Instructional Support Staff
336-249-8186

pmedlin@davidsonccc.edu

www.davidsonccc.edu/academics/business-engineering-and-technical-studies/advanced-manufacturing-technologies

Degree:

Associate in Applied Science (67 CH)

Diploma:

Industrial Drafting & Design (41 CH)

Certificate:

Industrial Drafting & Design

Fundamentals (16 CH)

CNC Operations (14 CH)

Guilford Technical Community College

Manufacturing Technology Program
601 High Point Road
Jamestown, NC 27282

Contact: 336-334-4822 Ext. 53088

admissions@gtcc.edu

www.gtcc.edu/programs-of-study/manufacturing-technology.aspx

Degree:

Associate of Applied Science (66-67 CH)

Diploma:

Manufacturing Technology (48 CH)

Mechanical Drafting Technician

The Mechanical Drafting Technology curriculum prepares technicians to produce drawings of mechanical parts, components of mechanical systems, and mechanisms. CAD, 3D modeling, and the importance of technically correct drawings and designs based on current standards are emphasized.

Alamance Community College

Mechanical Drafting Technology
1247 Jimmie Kerr Road
Graham, NC 27253

Contact: James Owen

336-506-4233

Bob.Owen@alamancecc.edu

www.alamancecc.edu/industrial-and-graphics-technologies-site/mechanical-drafting-technology/

Degree:

Associates Degree (69 CH)

Diploma:

Mechanical Drafting (36 CH)

Certificate:

Mechanical Drafting (12 CH)

Mechanical Drafting/CAD (12 CH)

Surry Community College

630 South Main Street
Dobson, NC 27017

Contact: Jason Randall

336-386-3435

randallj@surry.edu

www.surry.edu/Programs/MechanicalDraftingTechnology.aspx

Certificate:

Mechanical Drafting Technology (18 CH)

Mechanical Engineering Technology

Mechanical engineering technicians are deeply involved in the design and manufacture of products used in virtually every aspect of modern life, from transportation and communication to housing and health care. Mechanical technicians are helping to solve the most pressing problems of the 21st century, from eliminating the dependence on fossil fuels to creating medical devices to treat deadly diseases. The industries and career paths open to mechanical engineering technology students are many and hold no bounds.

Forsyth Technical Community College

Mechanical Engineering Technology
2100 Silas Creek Parkway
Winston-Salem, NC 27103

Contact:

Todd Bishop
Program Coordinator
336-734-7529

tbishop@forsythtech.edu

www.forsythtech.edu/credit-programs/credit-track/programs-a-z/mechanical-engineering-technology/

Degree:

Associate of Applied Science (73 CH)

Day Program: 5 semesters, including 1 summer term

Admission Cycle: Fall

Maximum Number Admitted Annually: 20

Guilford Technical Community College

Mechanical Engineering Technology
601 High Point Road
Jamestown, NC 27282

Contact:

Kenneth Harroff
Instructor, Mechanical Engineering Technology
336-334-4822 Ext. 53042

krharroff@gtcc.edu

www.gtcc.edu/programs-of-study/mechanical-engineering-technology.aspx

Degree:

Associate of Applied Science (65-67 CH)

Mechatronics Engineering Technology

This curriculum is designed to prepare individuals for jobs requiring electrical, mechanical, and computer skills necessary to work on computer controlled electro-mechanical systems with embedded electronics, sensors and actuators, found in manufacturing environments. Course work includes basic electricity, fluid mechanics, mechanical drives, instrumentation, motor control, and courses specific to electrical, mechanical, or controls specialties.

Guilford Technical Community College

Mechatronics Engineering Technology
601 High Point Road
Jamestown, NC 27282

Contact:

Andrew Baughman
Instructor, Mechatronics Engineering Technology
336-334-4822 Ext. 53105

abaughman@gtcc.edu

www.gtcc.edu/programs-of-study/mechatronics-engineering-technology.aspx

Degree:

Associate of Applied Science (75 CH)

Randolph Community College

Mechatronics Engineering Technology
629 Industrial Park Avenue
Asheboro, NC 27205

Contact:

Keith Bunting
336-318-0496
khbunting@randolph.edu
www.randolph.edu/academics/mechanical_industrial/mechatronics.php

Degree:

Associate of Applied Science (76 CH)

Diploma:

Mechatronics Engineering (47 CH)

Certificate:

Mechatronics Engineering (18 CH)

Courses offered day, evening, online and/or hybrid

Welding Technology

The Welding Technology curriculum provides students with a sound understanding of the science, technology and applications essential for successful employment in the welding and metalworking industry. Instruction includes consumable and non-consumable electrode welding and cutting processes. Courses in may include math, print reading, metallurgy, welding inspection, and destructive and non-destructive testing providing the student with industry-standard skills developed through classroom training and practical application.

Alamance Community College

Welding Technology
1247 Jimmie Kerr Road
Graham, NC 27253

Contact: Michael Covington
336-506-4226

Michael.Covington@alamancecc.edu
www.alamancecc.edu/industrial-and-graphics-technologies-site/welding-technology/

Degree:

Associate of Applied Science (66 CH)

Diploma:

Welding Technology (38 CH)

Certificate:

Basic Welding (12-18 CH)

Welding/Inert Gas (12 CH)

Welding/Oxy-Fuel (13 CH)

Davidson County Community College

Manufacturing Technology
297 DCCC Road
Thomasville, NC 27360

Contact:

Susan Medlin
Instructional Support Staff
336-249-8186

pmedlin@davidsonccc.edu
www.davidsonccc.edu/academics/business-engineering-and-technical-studies/advanced-manufacturing-technologies/welding

Degree:

Associate of Applied Science (72 CH)

Diploma:

Welding Technology (45 CH)

Certificate:

Emphasis in Basic Techniques (14 CH)

Emphasis in Intermediate Techniques (15 CH)

Emphasis in Advanced Techniques (16 CH)

Emphasis in Stick Welding (19 CH)

Emphasis in TIG Welding (16 CH)

Emphasis in MIG Welding (12 CH)

Forsyth Technical Community College

Welding Technology Program
2100 Silas Creek Parkway
Winston-Salem, NC 27103

Contact:

Dr. Jackie Woods
Program Coordinator
336-734-7527

jwoods@forsythtech.edu
www.forsythtech.edu/credit-programs/credit-track/programs-a-z/welding-technology/

Diploma:

Welding Technology - Day-3 Semesters including 1 summer term

Evening-6 Semesters including 2 night terms

(40 CH)

Certificate:

Welding Technology - Day-2 Semesters

Evening-3 Semesters plus 1 summer term

(18 CH)

Guilford Technical Community College

Welding Technology Program
601 High Point Road
Jamestown, NC 27282

Contact:

Randy Owens, Department Chair
336-334-4822 Ext. 50411
rlowens@gtcc.edu
www.gtcc.edu/programs-of-study/welding-technology.aspx

Diploma:

Welding Technology (39 CH)

Certificate:

Welding Technology (12 CH)

Piedmont Community College

Welding Technology
Caswell County Campus
331 Piedmont Drive
Yanceyville, NC

Contact:

Scott Tatum, III, Instructor, Welding Tech.
336-694-5707
scott.tatum@piedmontcc.edu
www.piedmontcc.edu/Portals/0/Documents/ProgramsofStudy/Welding.pdf

Diploma:

Welding Technology (41-43 CH)

Certificate:

Basic Welding (12 CH)

Intermediate Welding (12 CH)

Randolph Community College

Welding Technology-Archdale Center
110 Park Drive
Archdale, NC 27263

Contact: David Holcomb

336-862-7995
dkholcomb@randolph.edu
www.randolph.edu/academics/mechanical_industrial/welding.php

Diploma:

Welding Technology (45 CH)

Certificate:

Welding Technology (14 CH)

Rockingham Community College

Welding Technology
215 Wrenn Memorial Road, Hwy. 65
Wentworth, NC 27375

Contact:

David White, Program Coordinator/Instructor
336-342-4261
whited@rockinghamcc.edu
www.rockinghamcc.edu/credit-programs/certificate-programs/welding-technology.htm

Certificate:

Welding Technology (14 CH)

Welding Technology Pathway (18 CH)

Surry Community College

Engineering Technologies
630 South Main Street
Dobson, NC 27017

Contact:

Jason Randall
336-386-3435
randalli@surry.edu
www.surry.edu/Programs/WeldingTechnology.aspx

Diploma:

Welding Technology (40 CH)

Certificate:

Welding Technology (18 CH)

