

GEORGIA TRAINING CENTER FOR INDUSTRIAL OPERATIONS



TRAIN YOUR TEAM, RETAIN YOUR TEAM

MAXIMIZE YOUR TEAM'S POTENTIAL

A DIVISION OF OGEECHEE TECHNICAL COLLEGE

OGEECHEE TECHNICAL COLLEGE IS A UNIT OF THE TECHNICAL COLLEGE SYSTEM OF GEORGIA

Conducted
198,000
Industrial Systems
Training Hours in 2026



**Rockwell
Automation**

ADVANCED MANUFACTURING
ACADEMY TRAINING CENTER



The only **FANUC**
authorized satellite
training site in the
state of GEORGIA.

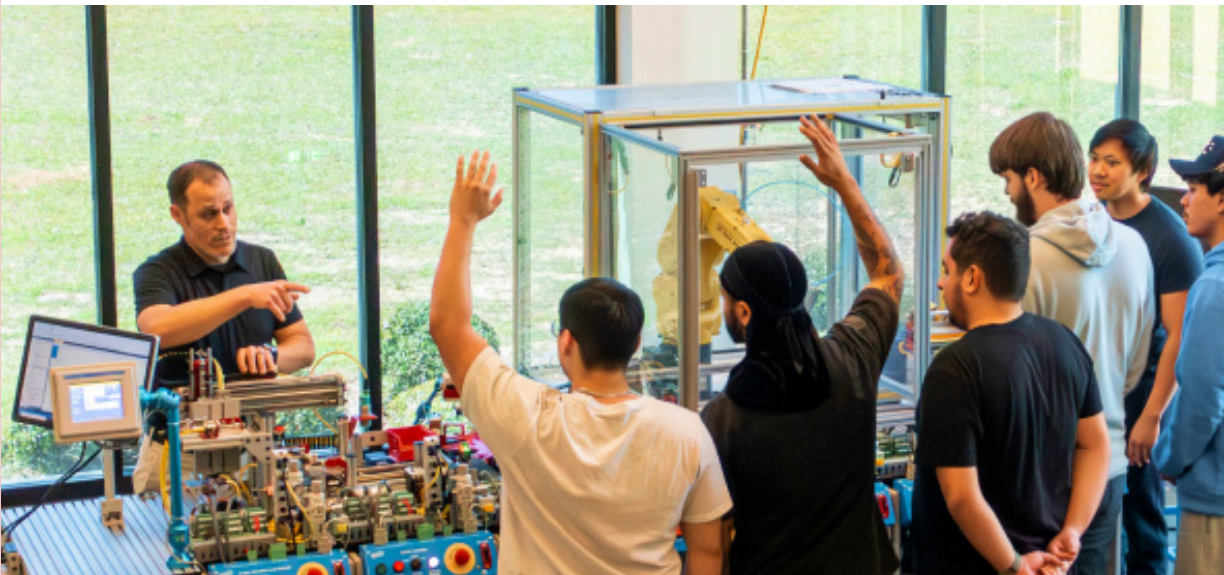
Amatrol Certified
Instructor Training Site



Mitsubishi Electric
Automation Training Provider



Smart Automation
Certification Alliance (SACA)
Gold Certification Site



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STANDARDIZED INDUSTRIAL SYSTEMS TRAINING COURSES

Standardized courses, both short and comprehensive, are developed and offered when several industries request the same type of training. The curriculum and content provide knowledge and skills that can be applied and utilized throughout all industries. The content is not specific to one company or type of company. Courses are identified as basic, intermediate, and advanced, and eligibility requirements will vary depending on the level of the course.

CUSTOMIZED CONTRACT TRAINING

Customized training is developed to meet the specific training needs of current employees. Programs are designed in collaboration with the company to fill deficiencies in employee knowledge and skills.

PRE-HIRE AND EMPLOYEE SKILLS ASSESSMENT

Hands-on skills/written assessments to assess current knowledge and skill level. College will utilize standard skills assessments within Amatrol e-Learning Curriculum.

INDUSTRIAL SYSTEMS OPEN LAB

Open lab training is available to our industry partners at a corporate, unlimited level or at a per associate rate. Associates enrolled through the Open Lab program complete the e-Learning curriculum per their company's directive, and then schedule hands-on training in our state-of-the-art lab. Associates must pass each component at an 80% level or higher to receive a certificate.

ASSOCIATE PROGRESS TRACKING – OPEN LAB (AMATROL)

The Amatrol LMS provides training access to various topics found in industry. The LMS provides the ability to SCORM content out for import into a company's own LMS. It also provides various levels of skill tracking for associates' progress in their assigned courses.

Jan Moore

Vice President for Economic Development

☎ 912.688.6026

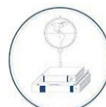
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**Scan QR code to
visit website for
more information**



AFFILIATIONS



Job Training Unlimited, Inc.



Jim Wall
SACA Executive Director

Regional Instructor Training Center
SACA

“March saw an exciting new development for SACA. SACA Gold Instructor Training will soon be offered at regional sites in partnership with our Regional Instructor Training Centers, the first of which is **Ogeechee Technical College in Georgia.”**

As a SACA Regional Instructor Training Center, Ogeechee Tech provides SACA Gold certified instructors to train and assess other instructors and trainers on their path to SACA Gold Certifications. An instructor or trainer that attains SACA Gold Certification is eligible to return to their school or business and proctor SACA Gold assessments.

Tap the link below to:

Register for Instructor Training

“Ogeechee Technical College is the epitome of what a commitment to excellence in technical training looks like. We are proud to have them as a partner in expanding the reach of the ATTI training classes that are the cornerstone of Amatrol’s commitment to providing world-class equipment, curriculum, and training to instructors in an effort to change the world one life at a time.”



Kent Powell
Amatrol - Vice President of Sales

Amatrol offers year-round teacher training courses through its Amatrol Technical Training Institutes (ATTI). These courses provide training on both technical subject matter and the implementation of Amatrol learning systems. This makes ATTI courses ideal for your teachers’ professional development and gets them up to speed faster by familiarizing them with Amatrol Learning Systems and methodologies.

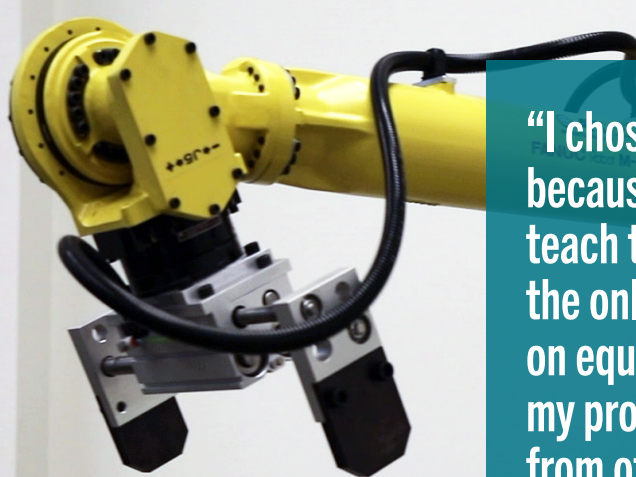


ABOUT OUR TEAM

Ogeechee Tech's noncredit industrial systems training team is considered elite across the state of Georgia. Led by renowned instructor Justin Goodman, the team has logged more than 92 years of industrial systems in-field experience and a total of 52 years of industrial systems training experience. Their ability to generalize the skills learned through training to those needed in a manufacturing setting is unmatched.

Students commonly ask for additional training from this team, and manufacturers depend on their expertise in delivering the training that their employees need to carry out their job responsibilities and grow within their field.

From upskilling to transitioning to a new position, the OTC training team will ensure your employee leaves with the skills necessary to be successful. Train Your Team, Retain Your Team, Maximize Your Team's Potential at Ogeechee Tech.



“I chose to attend training at OTC because I wanted to learn how to teach the material better using the online curriculum and hands-on equipment. I have expanded my professional network, learning from other instructors, and earned additional certifications.”

- SEAN MARTIN
LEAD INSTRUCTOR - MANUFACTURING
WASHTENAW COMMUNITY COLLEGE

ELECTRICAL

ELECTRICAL BASICS SHORT COURSE

(32 HOURS)

The Electrical Basics course teaches fundamentals of AC/DC electrical systems used for power and control in industrial applications using Amatrol's virtual training technology as well as Lecture and Lab. Students learn industry-relevant skills included in subject areas such as Basic Electrical Circuits, Electrical Measurement, Circuit Analysis, Inductance and Capacitance, Combination Circuits, and Transformers.

This course is designed to be delivered in 32 hours as a 50/50 Lecture/Lab. Upon completion of the course, students will be given a certificate of completion in Electrical Basics. Students will be prepared to test for the SACA C-201 Electrical Systems 1 credential.



Tap the link below to explore:

C-201 Electrical Systems 1

INDUSTRIAL ELECTRICAL WIRING SHORT COURSE

(16 HOURS)

Industrial Electrical Wiring introduces concepts used in many industry tasks in electrical wiring. Learners will understand the function of electrical prints, panels, the wiring between panels, and wire color coding. They will also learn concepts in control system wiring fundamentals, wiring between and outside panels, panel wiring, wire bundling, and experience a project in how to wire an electrical machine. This course is designed to be delivered in 16 hours as a 50/50 Lecture/Lab. Upon completion of the course, students will be given a certificate of completion in Industrial Electrical Wiring. Students will be prepared to test for the SACA C-206 Electrical System Installation 1 credential.

Tap the link below to explore:

C-206 Electrical System Installation 1

TROUBLESHOOTING METHODOLOGY

(16 HOURS)

This course is designed to give the student the necessary tools and experience to become an effective problem solver by teaching organized multi-step methods for everyday troubleshooting in various applications. During the course, the student will have the opportunity to learn basic components used in industrial systems, read and understand the basic symbols used in machine prints, interpret a print to better understand the operation of the machine, understand and select the proper metering device for the application, utilize the best troubleshooting method for a given situation and apply the selected troubleshooting method to the issue presented. Progressing through the course, the student will have the opportunity to troubleshoot several scenarios having elements ranging from Electrical, Fluid Power and Mechanical.

The systems discussed will include applications found in most industrial systems including, but not limited to, basic start/stop circuits up to advanced controls utilizing multiple station controls and devices. This course is designed to be delivered in 16 hours as a 50/50 Lecture/Lab or eight-hour Lecture Only. **Upon completion of the course, students will be given a certificate of completion in Troubleshooting Methodology. It is recommended students attend Electrical Basics as a prerequisite.**

ELECTRICAL & INSTRUMENTATION

LEVEL AND FLOW PROCESS CONTROL

(32 HOURS)

Level and Flow Process Control teaches two of the most common types of process control systems, flow and liquid level. This course covers process control safety, instrument tags, piping and instrumentation diagrams, and level measurement, then moves into system control functions such as liquid level control, automatic control methods, basic flow measurement and control, and control loop performance.

This course is designed to be delivered in 32 hours of in lab experience utilizing a Process Control Trainer and guided by an instructor. Along with the 32 hours of labs, students will be required to complete online content outside of labs to prepare them for each day of learning. **Upon completion of the Labs and Online Content, Students will receive a Certificate of Completion as well as an Amatrol Certification in Level and Process Control.**

THERMAL PROCESS CONTROL

(32 HOURS)

Process control systems provide precise control of liquids and gases in a wide variety of industrial applications including food processing, chemical manufacturing, and biotechnology. The Thermal Process Control course teaches one of the most common types of process control systems, temperature control. Students will learn to calibrate, adjust, install, operate, and tune thermal process control systems in industrial applications.

This course is designed to be delivered in 32 hours of in lab experience utilizing a Process Control Trainer and guided by an instructor. Along with the 32 hours of labs, students will be required to complete online content outside of labs to prepare them for each day of learning. **Upon completion of the Labs and Online Content, Students will receive a Certificate of Completion as well as an Amatrol Certification in Thermal Process Control.**



“Without this training, I would most likely still be a level 1 technician and not be able to use the knowledge I’ve accumulated. It sparked a paradigm shift for my life with how I view my job and my goals. I now enjoy going to work every day.”

- JORDAN N.

MOTOR CONTROLS

INTRODUCTION TO MOTOR CONTROLS WITH TROUBLESHOOTING

(32 HOURS)

Electric motor control teaches electric relay control of AC electric motors found in industrial applications. Learners gain understanding of the operation, installation, design, and troubleshooting of AC electric motor control circuits for many common applications. Develops skills in interpreting schematics, system design, motor start/stop circuits, motor sequence control, reversing motor control, and motor jogging. Safety is emphasized throughout, highlighting motor safety, lockout/tagout and safety interlocks. This course is designed to be delivered in 32 hours as a 50/50 Lecture/Lab.

Upon completion of the course, students will be given a certificate of completion in Intro to Motor Controls with Troubleshooting. It is recommended students attend Electrical Basics as a prerequisite. **Students will be prepared to test for the SACA C-202 Electric Motor Control Systems 1 credential.**

Tap the link below to explore:

C-202 Electric Motor Control Systems 1

ADVANCED MOTOR CONTROLS WITH TROUBLESHOOTING

(32 HOURS)

Advanced electric motor control teaches higher level control of AC electric motors found in industrial applications. Learners gain understanding of the operation, installation, design, and troubleshooting of AC electric motor control circuits for many common applications utilizing drives, timers, and automatic input devices. Develops skills in interpreting schematics, system design, motor start/stop circuits, motor sequence control, reversing motor control, motor jogging, and braking applications. Safety is emphasized throughout, highlighting motor safety, lockout/tagout and safety interlocks. This course is designed to be delivered in 32 hours as a 50/50 Lecture/Lab.

Upon completion of the course, students will be given a certificate of completion in Advanced Motor Controls with Troubleshooting. It is recommended students attend Motor Controls as a prerequisite.

Students will be prepared to test for the SACA C-203 Variable Frequency Drive Systems 1 credential.

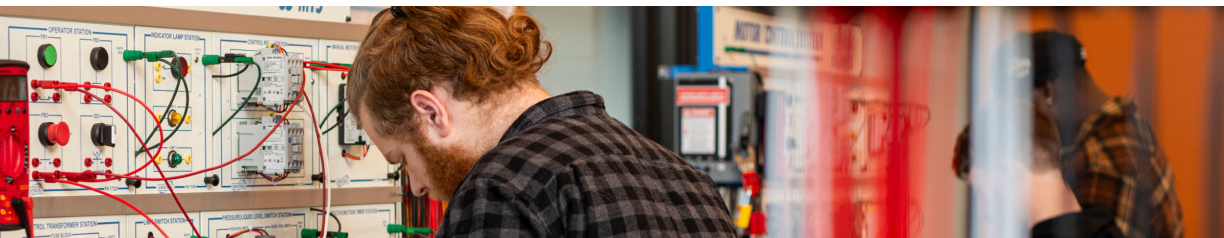
Students will be prepared to test for the SACA C-204 Motor Control Troubleshooting 1 credential.

Tap the link below to explore:

C-203 - Variable Frequency Drive Systems 1

Tap the link below to explore:

C-204 - Motor Control Troubleshooting 1



PLCS/CONTROLS

INTRODUCTION TO PLCS

- **ALLEN-BRADLEY COMPACTLOGIX AND/OR CONTROLLOGIX**
- **SIEMENS S7-300**

(32 HOURS)

This course covers the basic principles of Allen-Bradley's RSLogix 5000 or Siemens Step 7 software using an AB5300 processor or S7-300. In addition to controller operation, specific topics include: Introduction to Programmable Controllers, Basic PLC Programming, PLC Motor Control, PLC Timer Instructions, and PLC Counter Instructions. This course is designed to be delivered in 32 hours as a 50/50 Lecture/Lab. Upon completion of the course, students will be given a certificate of completion in Introduction to PLCs (Allen-Bradley CompactLogix and/or ControlLogix) or Introduction to PLCs (Siemens S7-300).

ADVANCED PLC PROGRAMMING

- **ALLEN-BRADLEY COMPACTLOGIX**

(32 HOURS)

This course covers more in-depth principles of Allen-Bradley's RSLogix 5000 software using an AB5300 processor. In addition to controller operation, specific topics include: Event Sequencing, Application Development, Program Control Instructions, and Math and Data Move Instructions. This course is designed to be delivered in 32 hours as a 50/50 Lecture/Lab. Upon completion of the course, students will be given a certificate of completion in Advanced PLC Programming (Allen-Bradley CompactLogix). It is recommended students attend Introduction to PLCs as a prerequisite.

Students will be prepared to test for the SACA C-207 Programmable Controller Systems 1 credential.

Tap the link below to explore:

C-207 Programmable Controller Systems 1

PLC TROUBLESHOOTING

• ALLEN-BRADLEY COMPACTLOGIX

(32 HOURS)

PLC Troubleshooting covers PLC (Programmable Logic Controller) programming, operation, and applications used in industry, as well as PLC troubleshooting skills, such as PLC input and output testing, software testing, and application troubleshooting. This course covers a wide variety of program commands, ranging from timers and contacts, stepper motor control, and PWM control that will quickly develop relevant and critical skills to be job ready in modern industry environments.

This course is designed to be delivered in 32 hours as a 50/50 Lecture/Lab. Upon completion of the course, students will be given a certificate of completion in PLC Troubleshooting (Allen-Bradley CompactLogix). It is recommended students attend Introduction to PLCs as a prerequisite.

Students will be prepared to test for the SACA C-208 Programmable Controller Troubleshooting 1 credential.

Tap the link below to explore:

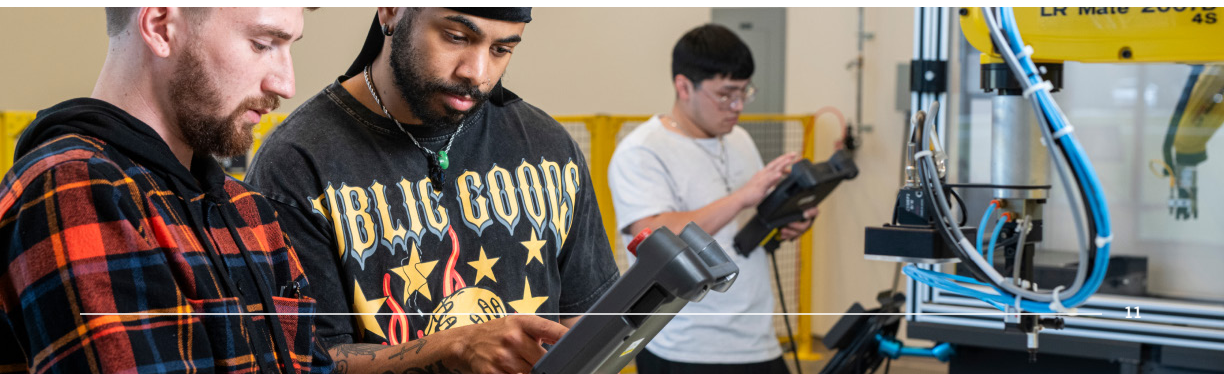
C-208 Programmable Controller Troubleshooting 1

PLC PROCESS CONTROL

(32 HOURS)

This PLC-based process control course covers topics such as on/off, open loop, closed-loop, PID control of level and temperature, analog module configuration, and loop tuning. These topics are important to anyone currently working in or interested in the field of PLC automation or process control. This course is designed to be delivered in 32 hours of in lab experience utilizing a Process Control Trainer and a PLC Trainer and guided by an instructor.

Along with the 32 hours of labs, students will be required to complete online content outside of labs to prepare them for each day of learning. Upon completion of the Labs and Online Content, Students will receive a Certificate of Completion as well as an Amatrol Certification in PLC Process Control. It is recommended that associates complete either one or both of the Process Control Courses as well as the Introduction to PLCs Course prior to attending.



ROBOTICS

BASIC ROBOT OPERATIONS

This course covers basic operations of robots, using a pendant as the main interface point. This course is geared toward providing Operators the introductory knowledge to interact with a robot. Recommended safety procedures are integrated into all training exercises. The course consists of lectures, demonstrations, and a series of lab exercises designed to reinforce what the student has learned. In addition to lab exercises, a pre-test and a post-test are used to measure mastery of objectives.

Upon completion, students will have the ability to sit for the SACA C-215 Robot Operations 1 Silver and Gold Certification.

ROBOT VISION BASICS

This course covers robot and machine vision basics, application design, system operation, and camera optics and light quality. Examples of topics include: how to connect and verify the functionality of a Robot and Machine Vision camera; how vision system software captures, stores, and displays images; how adjusting system settings improves image quality; and how a vision system communicates using discrete I/O.

Upon completion, students will have the ability to sit for the SACA C-215 Robot Operations 1 Silver and Gold Certification.

COURSE OBJECTIVES:

Students successfully completing this course will be able to:

- Navigate the teach pendant menus
- Power up and jog the robot
- Understand user and tool frames and their impact on programs
- Step test and continuous test production programs
- Execute production operations
- Modify motion statements and positional data
- Diagnose faults
- Recover from a crash
- Back up and restore individual programs and files

AUDIENCE:

This course is intended for the person who operates or may be required to perform maintenance on robot systems with a standard application software package.

Prerequisites: None

COURSE OBJECTIVES:

Students successfully completing this course will be able to:

- Configure a vision cell including lighting, lenses, and fixtures
- Connect and verify the functionality of a machine vision camera
- Adjust machine vision camera settings to capture an image
- Use image software to identify the characteristics of a vision component
- Configure and operate a machine vision system for identification, sorting, and assembly verification
- Configure a machine vision project for EtherNet/IP communication
- Set up a robot camera system
- Set up and utilize a PC-based robot camera interface
- Set up and perform a robot vision inspection process
- Utilize vision data for robot position offsets

AUDIENCE:

This course is intended for the person who must install, set up, program, and troubleshoot a robot or machine vision system. It is recommended that the individual attending has working knowledge of basic robot and control systems.

Prerequisites: None

FANUC - HANDLINGTOOL OPERATIONS AND PROGRAMMING

(32 HOURS)

The course covers the tasks that an operator, technician, engineer or programmer needs to set up, record and/or troubleshoot programs on a FANUC Robot using HandlingTool Software.

COURSE OBJECTIVES:

Students successfully completing this course will be able to:

- Power up and jog the robot
- Teach frames
- Recover from common program and robot faults
- Execute production operations
- Create, modify, and execute a material handling program
- Create and execute MACROS
- Monitor, force, and simulate input and output signals
- Back up and restore individual programs and files

Recommended safety procedures are integrated into all training exercises. The course consists of lectures, chapter reviews, demonstrations and a series of lab exercises designed to reinforce what the student has learned. In addition to lab exercises, a pre-test and a post-test are used to measure mastery of objectives.

AUDIENCE:

This course is intended for the person who must set up and record a program on a robot with a HandlingTool application software package.

Prerequisites: None

FANUC - IRVISION 2D

(24 HOURS)

This course covers the basic tasks and procedures required for an operator, technician, engineer or programmer to set up, teach, test, and modify iRvision applications.

AUDIENCE:

This course is intended for the person who must install, set up, program, and troubleshoot a FANUC America iRvision system.

Prerequisites: Completion of a live, FANUC instructor-led Operation and Programming course (such as HandlingTool, ArcTool, SpotTool). Completion of an online eLearn Operation and Programming course will not meet this Operation and Programming prerequisite.

COURSE OBJECTIVES:

Upon successful completion of this course, the student can identify the components of a vision system, install vision hardware, develop an application, program the robot, perform error recovery procedures, and follow recommended safety practices. More specifically:

- View and/or change robot and computer parameters to facilitate access to the robot's web page
- Set up a camera
- Perform an inspection vision process
- Understand basic vision concepts and lighting
- Master a robot using vision mastering
- Create a tool frame for the robot applicator
- Create user frames necessary for use with the vision system
- Calibrate a camera
- Set up a 2D single-view vision process
- Program the robot to respond to vision results

Recommended safety procedures are integrated into all training exercises. In addition to presentations and demonstrations, this course offers a series of lab exercises for the student to complete. Lab exercises relate directly to the classroom presentation and are intended to reinforce what the student has learned through actual hands-on experience.

SCADA SYSTEMS

VISUAL COMMUNICATIONS (INDUSTRY 4.0)

(40 HOURS)

This course covers cloud-based data acquisition. Learners will study the operation of a cloud-based SCADA system, how to configure a cloud-based data acquisition software to retrieve production data, how to configure a cloud-based maintenance management system, and more! This course is designed to be delivered in 40 hours of in lab experience utilizing a Smart Factory Trainer and guided by an instructor. Along with the 40 hours of labs, students will be required to complete online content outside of labs to prepare them for each day of learning.

Upon completion of the Labs and Online Content, Students will receive a Certificate of Completion as well as an Amatrol Certification in Smart Factory Visual Communications. It is recommended that associates complete Introduction to PLCs Course as well as Advanced PLC Programming Course prior to attending.



INDUSTRIAL SYSTEMS TECHNICIAN TRAINING (ENTRY LEVEL)

(2 EIGHT-HOUR DAYS PER WEEK – 16 WEEKS)

The Industrial Systems Technician – Entry Level Course is designed to train an individual to a basic level as a multi-crafted industrial system technician. In the course, students will learn everything from electrical basics and motor controls to mechanical systems and fluid power. This course is delivered in a 16-week span with students attending class two eight-hour days a week. Below you will find a list of subjects with course codes covered in the program. **Students who complete the course will have the ability to sit for 8 SACA Exams as well as receive an Amatrol Certification in each of the listed content areas.**

- AC/DC Electrical Systems
- Electric Motor Control
- Mastering PLCs
- Rotating Electric Machines
- Electric Wiring System
- Basic Pneumatics
- Basic Hydraulics
- Mechanical Drives 1
- Pump Systems

COURSE OBJECTIVES:

- 16-week program (2 days per week)
- Online curriculum completed on own time
- Hands-on training in lab 2 days per week
- Training for current associates to fill vacant industrial maintenance positions
- Training for current industrial maintenance technicians to enhance knowledge and skill sets
- Must pass online component, hands-on skills component, and final exam components with 80% or higher in order to graduate

C-201 - Electrical Systems 1
C-202 - Electric Motor Control Systems 1
C-204 - Motor Control Troubleshooting 1
C-206 - Electrical System Installation 1
C-207 - Programmable Controller Systems 1
C-208 - Programmable Controller Troubleshooting 1
C-209 - Pneumatic Systems 1
C-210 - Mechanical Power Systems 1

ELECTRICAL APPRENTICESHIP PROGRAM

The Electrical Apprenticeship Program is designed to develop associates in industrial electrical and controls including entry-level automation. The program takes a deep dive into subjects such as Advanced Motor Controls, PLCs, Electronic Drives, and Process Control just to mention a few. This course is delivered in a 12-month span with students attending class one eight-hour day a week. The course will conclude with a Capstone/Project-based final. Below you will find a list of subjects covered. **Students who complete the course will have the ability to sit for SACA exams as well as receive an Amatrol Certification in each of the listed content areas. When the student has completed their 4,000 hours of on-the-job training, they will also receive their DOL Course Certification of apprenticeship completion.**

- Motor Braking
- Reduced Voltage Starting
- Electronic Sensors
- Electronic Counter
- Variable Frequency AC Drive
- SCR Speed Control
- Process Control Systems
- Thermal Process Control
- PLC Analog Application - ControlLogix
- Mastering Programmable Controllers
- Ethernet Communications
- PanelView Operator Interface - AB ControlLogix
- ControlLogix Process Control
- AC Electronic Drives

MECHANICAL APPRENTICESHIP PROGRAM

The Mechanical Apprenticeship Program is designed to develop associates in industrial mechanical, pumps, and fluid power systems. The program takes a deeper dive into subjects such as Mechanical Systems and Fluid Power Systems. This course is delivered in a 12-month span with students attending class one eight-hour day a week. Below you will find a list of subjects covered. Students who complete the course will have the ability to sit for 2 SACA Exams as well as receive an Amatrol Certification in each of the listed content areas. **When the student has completed their 4,000 hours of on-the-job training, they will also receive their DOL Course Certification.**

- Pneumatic Fitting Construction
- Intermediate Pneumatics
- Intermediate Hydraulics
- Pump Systems
- Advanced Pneumatics
- Advanced Hydraulics
- Mechanical Drives 2
- Mechanical Drives 3
- Mechanical Drives 4
- Vibration Analysis

INDUSTRIAL SYSTEMS FAST TRACK APPRENTICESHIP PROGRAM

The Industrial Systems Fast Track Apprenticeship Program is designed to train an individual to a basic level as a multi-crafted industrial system technician. In the course, students will learn everything from electrical basics and motor controls to mechanical systems and fluid power. This course is delivered in a 12-month span with students attending class one eight-hour day per week. The course will conclude with a Capstone/Project-based final. Below you will find a list of subjects covered. Students who complete the course will have the ability to sit for 8 SACA Exams as well as receive an Amatrol Certification in each of the listed content areas.

- AC/DC Electrical Systems
- Electric Motor Control
- Mastering PLCs
- Rotating Electric Machines
- Electric Wiring System
- Basic Pneumatics
- Basic Hydraulics
- Mechanical Drives 1
- Pump Systems

APPRENTICESHIP PROGRAM DETAILS (ELECTRICAL, INDUSTRIAL SYSTEMS, & MECHANICAL):

- 12-month program: 384 training hours with 4,000 OJT hours
- Online curriculum completed on own time
- Hands-on training in lab 1 day per week
- Must pass online component, hands-on skills component, and final exam components with 80% or higher in order to graduate
- Must complete 4,000 on-the-job training hours under a mentor

APPRENTICESHIP ELIGIBILITY CRITERIA:

- Employed with company
- Graduate of Industrial Systems Fast Track program OR meet minimum requirements on written and hands-on skills assessments.

Students will be prepared to test for the following SACA credentials as listed below by course. Students must test for these credentials and will not receive a credential by simply completing the course. Ogeechee Tech is an approved SACA testing site (Silver and Gold).



ELECTRICAL APPRENTICESHIP:

(12 MONTHS) – TOTAL OF 12 CREDENTIALS EARNED

- C-203 - Variable Frequency Drive Systems 1
- C-205 - Sensor Logic Systems 1
- C-212 - Ethernet Communications 1
- C-213 - Smart Sensor and Identification Systems 1
- C-201 - Electrical Systems 1
- C-202 - Electric Motor Control Systems 1
- C-204 - Motor Control Troubleshooting 1
- C-206 - Electrical System Installation 1
- C-207 - Programmable Controller Systems 1
- C-208 - Programmable Controller Troubleshooting 1
- C-209 - Pneumatic Systems 1
- C-210 - Mechanical Power Systems 1

INDUSTRIAL SYSTEMS FAST TRACK APPRENTICESHIP:

(12 MONTHS) – TOTAL OF 9 CREDENTIALS EARNED

- C-201 - Electrical Systems 1
- C-202 - Electric Motor Control Systems 1
- C-203 - Variable Frequency Drive Systems 1
- C-204 - Motor Control Troubleshooting 1
- C-206 - Electrical System Installation 1
- C-207 - Programmable Controller Systems 1
- C-208 - Programmable Controller Troubleshooting 1
- C-209 - Pneumatic Systems 1
- C-210 - Mechanical Power Systems 1



MECHANICAL APPRENTICESHIP

(12 MONTHS) – TOTAL OF 10 CREDENTIALS EARNED

- C-201 - Electrical Systems 1
- C-202 - Electric Motor Control Systems 1
- C-204 - Motor Control Troubleshooting 1
- C-206 - Electrical System Installation 1
- C-207 - Programmable Controller Systems 1
- C-208 - Programmable Controller Troubleshooting 1
- C-209 - Pneumatic Systems 1
- C-210 - Mechanical Power Systems 1
- C-301 - Mechanical Power Systems 2
- C-304 - Pneumatic Troubleshooting 1

FLUID POWER BASICS | AMATROL SUMMER TRAINING:

LOCATION: OGEETECH TECH (STATESBORO, GEORGIA)

INSTRUCTOR'S COURSE OVERVIEW: This course is for college, industry, vocational, high school, and university level instructors who plan to teach basic concepts and skills in fluid power. Students who have no background in this field or desire to become familiar with Amatrol's curriculum for this level will gain significantly from the course. It features hands-on familiarization with Amatrol's basic and intermediate level fluid power training systems (850 models) and interactive multimedia curriculum.

Prerequisites: None | **Course Length:** 32 Hours



Tap the link below to:

Register for Amatrol's Fluid Power Basics

MOTOR CONTROL TRAINING | AMATROL SUMMER TRAINING:

LOCATION: OGEETECH TECH (STATESBORO, GEORGIA)

INSTRUCTOR'S COURSE OVERVIEW: This course is for college, industry, vocational, and university level instructors who teach the basic concepts and skills of electrical motor control. The course features hands-on familiarization with Amatrol's 85-MT5 Electric Motor Control training system and interactive multimedia curriculum. The 85-MT5 includes standard industrial-grade components.

Prerequisites: None | **Course Length:** 32 Hours



Tap the link below to:

Register for Amatrol's Motor Control Training

"This training changed my life. The sky is the limit with industrial maintenance. This is a thriving field, with excellent pay and benefits."

- STEPHEN S.

COMPREHENSIVE COURSES

COURSES	CLASSROOM/LAB HOURS	PROGRAM/CLASS COST
Electrical Apprenticeship Program	384	\$7,750
Mechanical Apprenticeship Program	384	\$7,750
Industrial Systems Fast Track Apprenticeship Program	384	\$7,750
Industrial Systems Fast Track - Basic Industrial Systems Technician Training	256	\$4,750

SHORT COURSES

COURSES	CLASSROOM/LAB HOURS	PROGRAM/CLASS COST
Electrical Basics	32	\$950
Industrial Electrical Wiring	16	\$575
Electrical Troubleshooting Methodology	16	\$575
Level and Flow Process Control	32	\$950
Thermal Process Control	32	\$950
Introduction to Motor Controls with Troubleshooting	32	\$950
Advanced Motor Controls with Troubleshooting	32	\$950
Introduction to PLCs - Allen-Bradley CompactLogix/ControlLogix	32	\$950
Introduction to PLCs - Siemens S7-300	32	\$950
Advanced PLCs Allen-Bradley CompactLogix/ControlLogix	32	\$950
PLC Troubleshooting Allen-Bradley CompactLogix/ControlLogix	32	\$950
PLC Process Control	32	\$950
Ethernet Communications	32	\$950
Visual Communications (Industry 4.0)	40	\$1,250
Smart Sensors (Industry 4.0)	40	\$1,250

ROBOTICS/CNC

COURSES	CLASSROOM/LAB HOURS	PROGRAM/CLASS COST
Basic Robot Operations	32	\$1,150
Robot Vision	24	\$1,400
FANUC iRVision Training	24	\$2,250
FANUC HandlingTool Operations and Programming	32	\$2,250
FANUC CNC Operator Training	32	\$2,250

INDUSTRIAL SYSTEMS FAST TRACK

BASIC INDUSTRIAL SYSTEMS TECHNICIAN TRAINING CONTENT AREA SPECIFIC TRAINING

STACKABLE CREDENTIALS	CLASSROOM/LAB HOURS	PROGRAM/CLASS COST
AC/DC Electrical Basics	32	\$950
Basic Electric Machines “How Motors Work”	32	\$950
Electric Motor Controls with Troubleshooting	32	\$950
Industrial Electrical Wiring	16	\$575
Mastering PLCs with HMI Programming and Troubleshooting	64	\$2,300
Mechanical Drives	32	\$950
Fluid Power	32	\$950
Pump Systems	16	\$575
Total Hours: Industrial Systems Fast Track - Basic Industrial Systems Technician Training	256	



OGEECHEE TECHNICAL COLLEGE

As set forth in its student catalog, Ogeechee Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, sex, gender, religion, disability, age, political affiliation or belief, genetic information, veteran status, or citizenship status (except in those special circumstances permitted or mandated by law). The following person(s) has been designated to handle inquiries regarding the non-discrimination policies:

TITLE IX COORDINATOR:

Office 193, Joseph E. Kennedy building,
912.871.1885,
titleix@ogeecheetech.edu

SECTION 504 COORDINATOR:

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