



REACH FOR YOUR DREAMS

CAREER PATHWAY SPOTLIGHT:

Discover a Career in **MECHATRONICS**

at Central Virginia Community College

You may like a career in mechatronics if you enjoy...

- Computers and technology
- Design and improvements
- Troubleshooting equipment and systems
- Mechanical and electrical assemblies
- Working independently and on a team

START
HERE

High School Diploma,
Career Change, Upskill,
Veteran, Adult Learner, GED,
Dual Enrollment

BENEFICIAL CREDENTIALS OFFERED AT CVCC:

- Manufacturing Skills Institute —
Manufacturing Technician
Level 1 Certificate
(16 weeks)
- Mechatronics Career Studies
Certificate
(2 semesters)
- Mechatronics Plus Career Studies
Certificate
(2 semesters)
- Mechatronics AAS
(2 years)
- Rockwell Automation PLC
Maintainer 1

LEARN MORE / EARN MORE

CAREER OPPORTUNITIES FOR ADVANCEMENT

Average Earning Potential: \$40,000–\$162,450 per year*

TIME

CAREER

EXPERIENTIAL LEARNING

1–5
YEARS

MAINTENANCE/ASSEMBLY/ELECTRONICS/
PRODUCTION TECHNICIAN OR OPERATOR

- Apprenticeships and/or
training certifications

2–6
YEARS

FIELD SERVICE TECHNICIAN,
PRODUCTION SUPPORT PROGRAMMING

- On-the-job experience
- Travel opportunities

4–8
YEARS

ENGINEERING SUPPORT

- On-the-job experience

8+
YEARS

MANAGEMENT

- Business and financial
management

EXPLORE AND REGISTER FOR CLASSES

Counseling/Advising Department | centralvirginia.edu/cvcc-counselors

(434) 832-7800

There have never been more ways to attend college for low to no cost.
Contact us to learn how you may be able to attend for free.

*See more about compensation averages on the other side.

YES, YOU CAN! | centralvirginia.edu





Mechatronics Careers Offer:

- Excellent salaries and benefits
- Opportunities for advancement
- Job growth and stability
- Professional development and training

Scan to view
CVCC Programs
and register
today!



G3 AMBASSADORS

These companies partner
with CVCC to promote
the pathways below.

**American Hoffman
Boxley
Buffalo Air Handling
Delta Star
Sentry Equipment & Erectors
Westrock**

Don't see your company's name, but want to
become a G3 Ambassador?

Contact Workforce Solutions at
(434) 832-7607

Click to view the current list of G3 Ambassadors
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TIER 1: **MECHATRONICS**

JOB TITLE:
**MAINTENANCE/ASSEMBLY/
ELECTRONICS/PRODUCTION
TECHNICIAN, PRODUCTION
OPERATOR**

PAY:
\$17-\$23/HOUR

EDUCATION & EXPERIENCE
1-5 YEARS

WHAT YOU WILL DO:

- Read blueprints, diagrams, or technical orders
- Install, test, maintain, and troubleshoot equipment and systems
- Install computer hardware and instrumentation software
- Build and test mechanical and electrical assemblies

SKILLS REQUIRED:

- Basic math and computer skills
- Effective written and verbal communication
- Knowledge of hand tools and digital multimeters
- Ability to distinguish color for electrical purposes
- Demonstrate safe working practices
- Ability to lift 50 pounds and work in adverse weather conditions, climb, and work at heights

TIER 2: **MECHATRONICS**

JOB TITLE:
**FIELD SERVICE TECHNICIAN
PRODUCTION SUPPORT
PROGRAMMING**

PAY:
\$26-\$45/HOUR

EDUCATION & EXPERIENCE
2-6 YEARS

WHAT YOU WILL DO:

- Assist with developing, testing and adjusting unmanned, automated, servomechanical, and electromechanical equipment
- Test performance of assemblies
- Interpret blueprints, schematics, and technical orders
- Assemble, wire, and debug electrical control panels

SKILLS REQUIRED:

- Capable of working in a team environment
- Knowledge of hand and measuring tools
- Ability to think analytically, work independently, and solve problems
- Set up and operate processing machines
- Ability to maintain a safe work environment

TIER 3: **MECHATRONICS**

JOB TITLE:
**ENGINEERING
SUPPORT**

PAY:
\$23-\$65/HOUR

EDUCATION & EXPERIENCE
4-8 YEARS

WHAT YOU WILL DO:

- Complete installation and testing of machinery and training sessions with customers
- Participate in design and improvements
- Prepare engineering documents
- Monitor and adjust process control systems
- Install and program computer and software

SKILLS REQUIRED:

- Computer programming/software capabilities
- Ability to work in a fast-paced environment in a team or independently
- Effective communication skills and attention to detail
- Understanding of schematics and technical skills to perform repairs
- Advanced computer skills, and experience with MS Office

TIER 4: **MECHATRONICS**

JOB TITLE:
MANAGEMENT

PAY:
\$80,000+/YEAR

EDUCATION & EXPERIENCE
8+ YEARS

WHAT YOU WILL DO:

- Analyze, organize, prioritize, and manage multiple projects
- Ensure operation of automation machinery
- Create metrics to improve uptime, productivity, and quality
- Conduct research and create design proposals
- Interview, hire, and manage direct reports, including professional development
- Keep up with trends and benchmarking

SKILLS REQUIRED:

- Ability to prioritize, execute and navigate processes
- Balance solutions and business imperatives
- Establish and maintain positive working relationships
- Strong analysis, problem-solving, negotiation, conflict management, and time management skills

* Compensation averages should be used as a guide. There are numerous factors that impact actual compensation. These estimates do not include overtime, which can be a sizable addition to base pay. Years of service and training recommendations should also be used as a guide. Company requirements vary. Note: Some companies may require pre-employment testing. Please check the job requirements. These may include an EEI Pre-Employment Test or a Physical Abilities Test.

Hourly rate source: <https://www.onetonline.org/link/localwages/17-3026.00?zip=24502>