



Representative Co-Op Employers

- Argonne National Laboratory
- Armco Research and Technology
- Fortec Medical
- General Electric
- Psion Teklogix

Regional Salary Data & Projections*

- Typical graduate starting salary: \$28,000-\$38,000 annually
- Median income for Cincinnati/Middletown: \$63,100
- Median income for Ohio: \$54,800

How to Get Started

Contact Carolyn Hulla-Meyer, EMET Recruitment & Outreach Specialist:
(513)569-5769

For Veterans Student Affairs Assistance

Call to speak with the Office of Veterans Affairs on Campus: (513)569-4958

*Based on 2013 data collected by the Bureau of Labor Statistics Occupational Employment Statistics Program, regarding Electro-Mechanical Technicians, <http://www.onetonline.org>.

AIR FORCE

Military Occupational Specialties

Experience in these military occupational specialties make a good fit for a career in photonics.

Aircraft Armament Systems
Avionics Systems
Tactical Aircraft Maintenance specialist
Aircraft Electrical and Environmental Systems specialist
Electrical Systems specialists
Missile and Space Systems Electronic Maintenance specialist,
Missile and Space Systems Maintenance specialist
Scientific Applications Specialist
Precision Measurement Equipment Laboratory
Engineering Technician
Nondestructive Inspection specialist
Ground Radar Systems specialist
Biomedical Equipment specialist
Aircraft Structural Maintenance
Aircraft Metals Technology specialists
Aircraft Hydraulic Systems specialist
Electrical Power Production specialists
Electronic Signals Intelligence Exploitation specialist
Helicopter Maintenance specialists
Special Vehicle Maintenance specialist,
Tactical Aircraft Maintenance specialist
Vehicle and Vehicular Equipment Maintenance specialist
Developmental Engineer

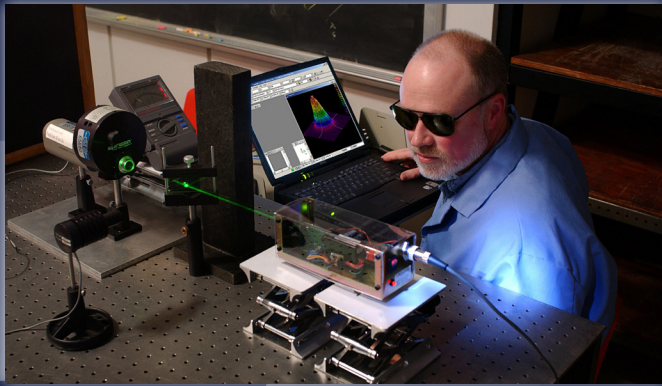
Contact Carolyn Hulla-Meyer, Recruitment & Outreach Specialist for EMET Program
(513)569-5769
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AIR FORCE VETERANS

Advance Your Military Training with a Degree and 21st Century Career in Photonics!





What is Photonics?

Photonics involves cutting-edge uses of lasers, optics, fiber-optics and electro-optical devices in numerous and diverse fields of technology.

Why is Photonics Important?

Lasers and other light beams are the “preferred carriers” of energy and information for many applications.

The applications of photonics as an “enabling” technology are extremely broad. From an educational standpoint, this means that the infusion of one or two photonics courses into two-year postsecondary programs in related technologies can qualify graduates for a far wider variety of jobs and increase the global competitiveness of the American workforce.



Photonics Industry Needs Trained Professionals

The industry is experiencing increasing growth in all sectors, and the demand for well-educated technicians has risen faster than supply to fill those positions.

\$47,000

National Average Starting Salary for Photonics Technicians 2015

A two-year college degree is necessary for a photonics technician to be successful

Trained professionals in the photonics field are needed in numerous photonics-enabled fields, such as:

Aerospace Technology
Healthcare & Biomedicine
Research & Development
Advanced Manufacturing
Defense & Security
and more!

Panels outlined in red can be customized by colleges.
Contact OP-TEC for more information at www.op-tec.org.



Electro-Mechanical Engineering Technology

The Electro-Mechanical Engineering Technology (EMET) program at Cincinnati State Technical and Community College is the largest of its kind in Ohio. The program combines electronics engineering technology and mechanical engineering technology, so students develop skills that are highly valued by industrial firms, including a focus on industrial automation. Students gain skills in controlling systems, linking software and hardware maintaining systems, and improving machines and systems.

What you can do with the EMET - Laser Major Associate Degree

- Operate, setup, and test computer controlled laser equipment
- Design programs for laser systems
- Perform research experiments
- Troubleshoot and repair laser systems
- Work with optical systems including lasers and lens systems