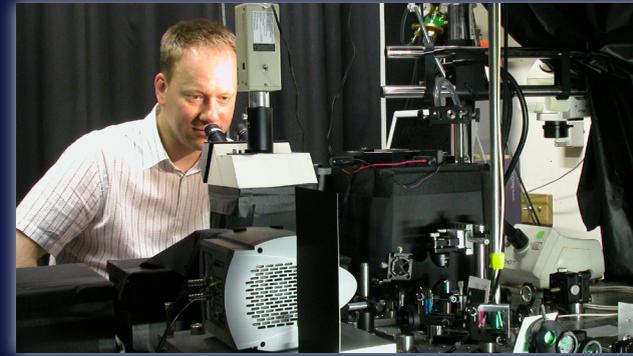


MARINES

Military Occupational Specialties

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

Tactical Air Operations Module/Air Defense Technician
Artillery Electronics Technician
Calibration Technician
Electronic Switching Equipment Technician
Electronics Maintenance Technician
Metrology Technician
Satellite Communications (Satcom) Technician
Electro-Optical Ordnance Repairer
Main Battle Tank (Mbt) Repairer/Technician
Advanced Aircraft Communications/Navigation Systems Technician, Ima
Advanced Aircraft Electrical/Instrument/Flight Control Systems Technician, Ima
Aircraft Communications Systems Technician, Ima
Aircraft Electrical/Instrument/Flight Control Systems Technician, Fixed Wing, Ima
Aircraft Electrical/Instrument/Flight Control Systems Technician, Helicopter, Ima
Aircraft Electronic Countermeasures Systems Technician, Fixed-Wing, Ima
Aircraft Electronic Countermeasures Systems Technician, Helicopter, Ima
Aircraft Navigation Systems Technician, Iff/Radar/Tacan, Ima
Aviation Electronic Microminiature/Instrument And Cable Repair Technician, Ima
Aviation Meteorological Equipment Technician, Oma/Ima
Aviation Precision Measurement Equipment/Calibration And Repair Technician, Ima
Avionics Test Set (Ats) Technician, Ima



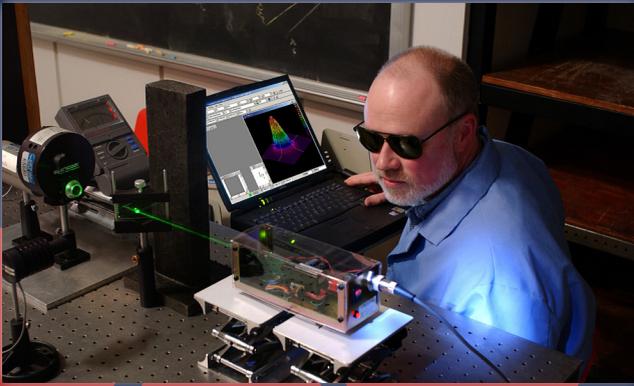
Aircraft Communications/Navigation Systems Technician, Kc-130
Aircraft Communications/Navigation/Electrical Systems Technician, Ch-46
Aircraft Communications/Navigation/Electrical Systems Technician, Ch-53
Aircraft Communications/Navigation/Electrical/Systems Technician, V-22
Aircraft Communications/Navigation/Electrical/Weapon Systems Technician, U/Ah-1
Aircraft Communications/Navigation/Radar Systems Technician Av-8
Aircraft Communications/Navigation/Radar Systems Technician Ea-6
Aircraft Communications/Navigation/Radar Systems Technician F/A-18
Aircraft Electrical Systems Technician, Av-8
Aircraft Electrical Systems Technician, Ea-6
Aircraft Electrical Systems Technician, F/A-18
Aircraft Electrical Systems Technician, Kc-130
Aircraft Electronic Countermeasures Systems Technician, Ea-6b
Avionics Maintenance Chief
Unmanned Aerial System (Uas) Avionics Technician
Engineer Equipment Electrical Systems Technician

Contact Carolyn Hulla-Meyer, Recruitment & Outreach Specialist for EMET Program
(513)569-5769
carolyn.hulla-meyer@cincinnatiastate.edu
www.cincinnatiastate.edu

MARINES VETERANS

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

Cincinnati
State



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

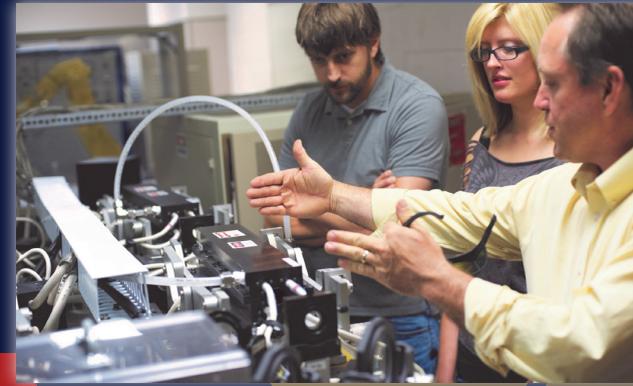
National Average Starting Salary for Photonics Technicians 2015

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 white 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



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>.