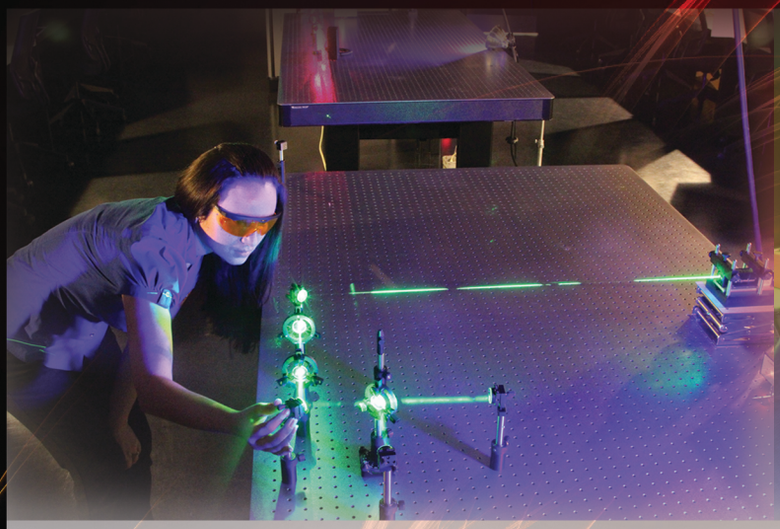
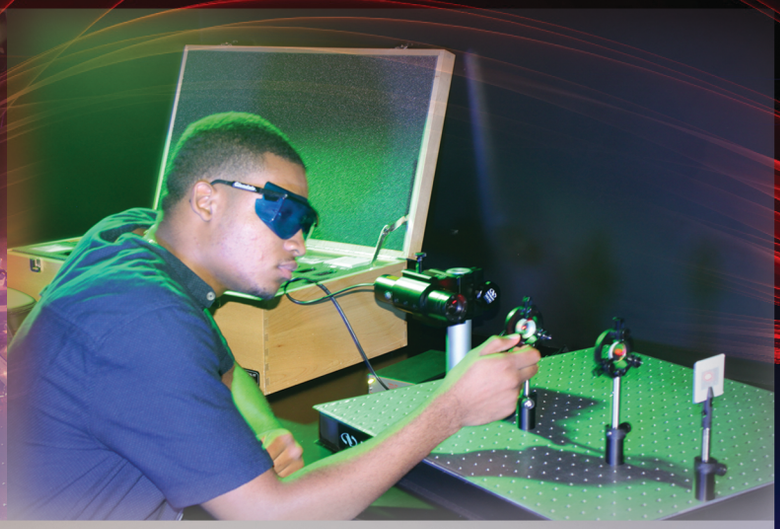
IS YOUR ELECTRONICS PROGRAM

21ST CENTURY READY?





Do you teach lasers and photonics in your program?

Lasers and photonics are integral parts of most sophisticated electronic systems today. A twenty-first century technician will encounter lasers in the following systems and applications, and more:

- Medical equipment used for surgery
- Analytical chemistry equipment such as mass spectrometers
- Industrial equipment for metal cutting or welding
- Advanced manufacturing such as laser additive techniques used in making knee and hip replacement parts
- Robotic laser welding in automotive manufacturing
- Head-up displays for automobiles
- LIDAR for archeological exploration
- LIDAR and infrared imaging for weather forecasting
- Self-driving cars
- Photolithographic equipment used in semiconductor manufac turing or the printing industry
- Night vision equipment used by security personnel
- Laser weapon systems for missile defense
- Laser cladding tools used in severe wear environments such as drilling and steam turbines
- Laser coating removal
- Optical displays in airplanes or large monitoring rooms
- Touch screens
- Lasers for tattoo removal
- Lasers for crop health in agriculture
- Optical storage devices
- Laser scanners for bar code reading
- Laser light shows
- Laser dazzlers used by law enforcement
- Thermal imaging equipment used by the military
- Laser hair removal
- Laser skin treatment
- LASIK vision correction (laser-assisted in situ keratomileusis)
- Laser land surveying and leveling

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3209 Virginia Avenue Fort Pierce, FL 34981 | 772-462-7179

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Let us help you infuse lasers and photonics into your existing program.

Start small with a new module:

Add a module on semiconductor laser diodes and their applications in your electronic devices class, or add a module in fiber optics and its applications in your telecommunications class.

Start big with a new technical elective course:

Add a course in the fundamentals of lasers, photonics, and their applications, or a course in fiber optics and its applications.

LASER-TEC can help you by providing:

1. Free online courses for your instructors on lasers, photonics, or fiber optics.
2. Free-of-charge, hands-on training at our labs in Fort Pierce, Florida or Lillington, North Carolina. Your college covers the travel expenses.
3. List of equipment, supplies, and vendors for everything you need to get started.
4. A $10,000 grant to cover some of the startup equipment and supplies costs.

Visit us today at WWW.LASER-TEC.ORG to get started.

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