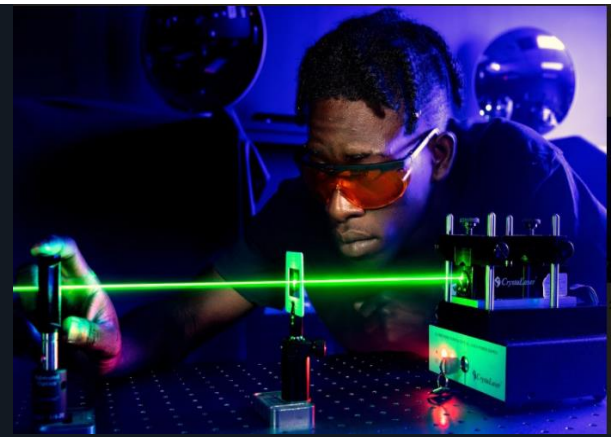



# LASER-TEC


## Center for Laser & Fiber Optics Education

Indian River State College | 3209 Virginia Ave., Fort Pierce, FL 34981

**i Mission:** Update, maintain, and provide open access for a broad range of services and materials to secondary, post-secondary, and industry educational and training programs with the intention of continuing expansion in the robust laser, optics, photonics, and fiber optics technical workforce.



 Building and providing access to **25 years** of knowledge and expertise developing the photonics technical workforce

 Supporting photonics programs at **43 colleges** with curriculum, facility improvement, outreach, professional development, and industry partnerships

### OUR RESOURCES

- ✓ 9 textbooks
- ✓ 25 educational modules
- ✓ 8 educational kits
- ✓ 8 lab manuals and teacher's guides
- ✓ 50+ information & outreach documents
- ✓ Professional development for college faculty and K-12 teachers
- ✓ Professional development for incumbent workers

### OPTICS AND PHOTONICS COLLEGE NETWORK



### INDUSTRY PARTNERSHIPS

Leading active and mutually beneficial collaboration initiatives with the U.S. and global photonics industry.

Laser Institute of America · IEEE Photonics · Photonics Spectra · BioPhotonics · Optical Society International Society for Optics and Photonics · PowerAmerica · Industry photonics clusters in Florida, North Carolina, Colorado, Arizona, and New York.

### OUR RESPONSE TO COVID-19

- Assembling and mailing the Light & Optics Experiment Kit to faculty and students to continue the practical aspect of photonics learning.
- ✦ **180 kits to 15 colleges in 11 states**
- Offering virtual professional development for educators and incumbent workers.
- ✦ **5 online, self-paced courses**

### CURRICULUM FOR CUTTING-EDGE TECHNOLOGIES

- Developing learning materials on applications of wide-band-gap (WBG) semiconductors in lasers
- Co-developing the first WBG laser energizer
- Developing a professional development course for college instructors on applications of WBG devices in lasers and photonics

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