



2010 SUMMER INSTITUTE – TSTC WACO
July 19-23, 2010

STUDENT APPLICATION PACKET

Application Instructions for Students (grades 7-12):

- Complete, sign and date the Student Application Form.
Read the Parental Information Letter. A parent or legal guardian must sign and date this letter. This letter must be returned with your application materials.
Complete the Parental Consent and Student Information Form. A parent or legal guardian must complete, sign and date this form. This form must be returned with your application materials.
Please see the Application Checklist and mailing and fax instructions at the end of this packet.

STUDENT APPLICATION FORM

Name: \_\_\_\_\_ [ ] Male [ ] Female

School: \_\_\_\_\_

School District: \_\_\_\_\_

Preferred Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Grade (as Fall 2010): Grade 7 [ ]
Grade 8 [ ]
Grade 9 [ ]
Grade 10 [ ]
Grade 11 [ ]
Grade 12 [ ]

Email Address \_\_\_\_\_

Phone Number: \_\_\_\_\_

Please select your areas of interest from the following list of technical fields. Place a check mark or "X" in the space provided.

Automotive Technology [ ]
Biomedical Equipment Technology [ ]
Chemical Technology [ ]
Computer Maintenance [ ]
Computer Networking [ ]
Electronics Technology [ ]
Laser Electro-Optics Technology [ ]
Nanotechnology [ ]
Semiconductor Manufacturing Technology [ ]

Are you planning to attend a 2 year college or 4 year college? [ ] 2-year [ ] 4-year

Please list the Technology Courses that you have taken or are taking at your school. Attach additional sheet if necessary.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

***Please sign and date below. By signing below you are certifying the information on this application is accurate.***

Signature \_\_\_\_\_ Date \_\_\_\_\_

## SUMMER INSTITUTE PARENTAL INFORMATION LETTER

Dear Parent or Legal Guardian,

Texas State Technical College Waco (TSTC Waco) is one of eight partner colleges in the National Center for Optics and Photonics Education (OP-TEC). OP-TEC is funded by a National Science Foundation Advanced Technical Education (ATE) grant and is based in Waco, Texas. The purpose of OP-TEC is to increase the number of technicians trained in "photonics" to meet the industries increasing need for technically trained employees. A photonics technician will work with laser, optics and all of the electrical and mechanical components associated with these systems. Currently the need for these technicians is increasing.

The Laser Electro-Optics department has been training laser/photonics technicians for over 35 years. Currently the placement rate of graduates of our accredited associate degree program is above 95%. In 2005, TSTC Waco started the first Nanotechnology program for technicians in the country. Nanotechnology is heavily dependant on lasers and optics and TSTC Waco is the Nanotechnology partner in this center. In an effort to increase awareness of this growing field, TSTC Waco is offering a Summer Institute in photonics and its associated applications. The Institute's curriculum will inform students about basic laser/optics principles as well as applications of these principles. Students will learn about the educational opportunities at TSTC Waco and employment opportunities in the industry. The Summer Institute is open to students (grades 7-12), teachers and counselors.

OP-TEC and TSTC Waco will house the participants and provide three full meals for the entire one week period of the Institute. The students will be housed on TSTC Waco campus in the student dorms. Working hours are from 8:00 AM to 5:00 PM. An on-line schedule of detailed activities is provided at the website for the Summer Institute. Chaperones will be provided after hours to attend to the individual needs of the participants. Participants are responsible for their travel to and from the Institute. It is necessary that you complete the Parental Consent and Student Information Form with all the required information. This form must be completed in its entirety and signed and dated by a parent or legal guardian.

It is OP-TEC and TSTC Waco's hope that your son or daughter can attend the summer institute and learn more about the photonics industry and employment opportunities. If you have any questions you please call me at 254-867-3173 or email me at [john.pedrotti@tstc.edu](mailto:john.pedrotti@tstc.edu). Thank you for considering the OP-TEC Summer Institute as a compliment to you child's education.

Sincerely,



John O. Pedrotti  
Department Chair  
Laser Electro-Optics/Nanotechnology Department  
Texas State Technical College Waco

**Please sign and date below indicating your have received and read the above letter.**

Parent or Legal Guardian Name (printed): \_\_\_\_\_

Parent or Legal Guardian Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**TSTC SUMMER INSTITUTE 2010**  
**Parental Consent and Student Information**

**Summer Institute Conditions:**

1. Student must provide, or arrange for, their own transportation to and from Texas State Technical College Waco.
2. Students may only leave Texas State Technical College Waco Campus with OP-TEC and/or TSTC personnel supervision.
3. Students will abide by the 10:00 PM dorm curfew.
4. Student will provide bed sheets, pillows, bath towels etc.

**I have read and understand the above conditions. I understand that a violation of those conditions is grounds for dismissal from the Summer Institute.**

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Parent or Legal Guardian Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**Please list any special medical needs or conditions that the attending student may need.**

**Emergency Contact Information (must be parent or legal guardian):**

**Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**City:** \_\_\_\_\_ **ST:** \_\_\_\_\_ **ZIP:** \_\_\_\_\_

**Home#:** \_\_\_\_\_ **Cell#:** \_\_\_\_\_ **Work#:** \_\_\_\_\_

**I understand that Texas State Technical College is not responsible for treating or caring for the above conditions.**

Parent or Legal Guardian Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**Required Application Materials Checklist:**

- Application Form
- Parental Information Letter
- Parental Consent and Student Information Form

**To Complete Application by MAIL:**

Mail all application materials by required deadline to:  
John Pedrotti  
Department Chair  
Texas State Technical College / LET Department  
3801 Campus Drive  
Waco, TX 76705

**To Complete Application by FAX:**

Fax all application materials by required deadline to:  
ATTN: John Pedrotti, Department Chair  
Texas State Technical College / Laser Electro-Optics Technology (LET) Department  
Fax: 254-867-3175

**APPLICATION DEADLINE:**

July 1, 2010

**For more information or questions about applications, please contact:**

John Pedrotti  
Department Chair  
Texas State Technical College  
Laser Electro-Optics Technology (LET) Department  
3801 Campus Drive  
Waco, TX 76705  
Phone: 254-867-3173  
Fax: 254-867-3175  
E-mail: [john.pedrotti@tstc.edu](mailto:john.pedrotti@tstc.edu)