



**Red River Technology Center  
Pre-Engineering Academy  
Student Application Information**



**About the Pre-Engineering Academy**

The Pre-Engineering Academy offers high school students a broad overview of the various fields of engineering including: construction, civil, petroleum, electrical, mechanical, and architectural. It also provides a dynamic, activity-based, interactive learning environment that inspires ingenuity and creativity. This academy is designed for students who plan to attend college and pursue a degree in engineering. However, any student who plans to take advanced math and science courses in college will certainly benefit from the curriculum taught in this program. Due to the accelerated pace and increased rigor of the advanced math and science courses, students entering the Pre-Engineering Academy should be hard-working and highly motivated in order to be successful.

This two year academy offers the following course schedule:

GRADE 11	GRADE 12
Physics	Digital Electronics
*Intro. to Engineering Design or Aerospace	Chemistry or College Chemistry
Trigonometry / Pre-Calculus	AP Calculus
*Principles of Engineering (PLTW)	Engineering Design & Development (PLTW)
Students will earn eight total credits.	

\*Meets OHLAP requirements

**School Day Structure**

The Pre-Engineering Academy is a one-half day program at Red River Technology Center. Students may attend during the morning (8:15 a.m. – 11:05 a.m.) or during the afternoon (12:00 p.m. – 2:55 p.m.).

**Your ACT scores are required as part of the application & you can obtain ACT scores by:**

1. Taking the **National ACT** Assessment (Recommended). The next ACT will be **February 9, 2019**, but you have to register by **January 11, 2019**, or there is a late registration fee.
2. Taking the **Application Assessment** at Red River Technology Center. If you have not (or cannot) take the ACT and receive your scores before the Application Deadline on **April 1, 2019**, you can take an Application Assessment at RRTC. The scores will **only count at RRTC**. There is **no fee charged** for taking the test. Contact RRTC Counselor Misty Wade at 580-255-2903, ext. 230 to discuss this option, if it is the only way you can obtain a score.

**The Admissions Office at Red River Technology Center must be in receipt of completed application packet (including all documentation) by the stated deadline below.**

**2019-2020 Application Deadline: 4:00 p.m. on Monday, April 1, 2019**

**Acceptance and Enrollment**

- Acceptance letters and further information concerning the enrollment process will be mailed to **selected candidates by April 10, 2019**.
- Students will begin the Pre Engineering Academy in the **Fall of 2019**.
- **Mandatory Parent/Student Orientation Meeting will be Tuesday, April 23, 2019 at 6:00pm. in the Seminar Room of the main building.**

