Edison Pre-Engineering Enrollment with

- Pre- Engineering is a one class hour course, taught by a Tulsa Tech instructor, and offered only for Edison students in 9th grade.
- Counts toward a computer credit for graduation.

- Application Process:
  1) Go to www.tulsatech.edu/apply
  2) Click the link: "Submit an application"
     - Click "Register" and complete the contact information. Remember the email and password that you use.
     - Then you are going to log in and complete the application for **2020-2021** school year. Choose "Foundations of Engineering PTLW at Edison." You do not need to include your social security number or time preference.
  3) Click on "Answer 3 Interest Questions online" Be sure to write complete sentences. **NO TEXTING FORMAT!**
  4) Skip Step 3 and Step 4. You **DO NOT** need to submit test scores or go on a program visit.
  5) Students must have a "C" or higher in math class to be eligible to apply.

- **QUESTIONS?** Email Mrs. Hollingsworth, your Tulsa Tech Career Advisor, at kelli.hollingsworth@tulsatech.edu OR Ms. Gill, Tulsa Tech Instructor for Pre-Engineering (Room 148 at Edison High School), at heidi.gill@tulsatech.edu

- Acceptance Process:
  1) Acceptance to the Pre-Engineering Program is based on a point system. Applicants with the highest point total will receive priority.
  2) Admissions interest questions (up to 50 points possible)
  3) Academic points awarded based on math course level and the letter grade awarded in that course (up to 50 points possible)
  4) Applicants will be notified by mail of their admission status in April.

PRIORITY DEADLINE to complete the process: MARCH 9, 2020
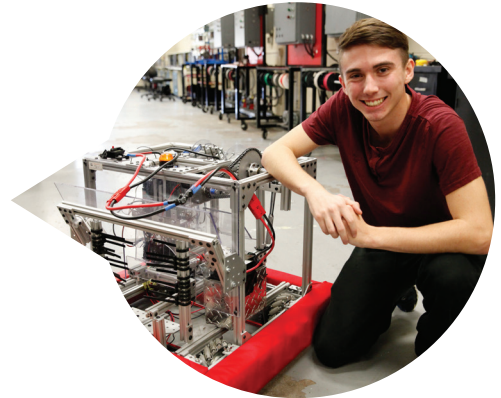
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TulsaTech
.edu

PRE-ENGINEERING

Admissions Information for Students at Off-Campus High School Sites

Off-Campus High School Sites

» Bixby High School
» Broken Arrow High School
» Edison Preparatory High School
» Memorial High School
» Skiatook High School
» Union High School

» Broken Arrow Freshman Academy
» Collinsville High School
» Jenks High School
» Owasso High School
» Union 9th Grade Center

Students must apply for admission.

INTRODUCTION TO ENGINEERING DESIGN (IED)
9th Grade

Students dig deep into the engineering design process, applying math, science and engineering standards to hands-on projects within Project Lead The Way (PLTW) curriculum. Each student will work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and an engineering notebook to document their work.

*9th grade students will be given preference
Graduation Credit: Students are eligible to receive one Computer Technology credit; Approved for OK Promise

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PRINCIPLES OF ENGINEERING (POE)
10th Grade

Students explore a broad range of engineering topics including mechanisms, the strength of structures and materials, and automation through problems that engage and challenge. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation using Project Lead the Way (PLTW) curriculum.

**10th grade students who have not taken IED are eligible to apply
Graduation Credit: Students are eligible to receive one Computer Technology credit; Approved for OK Promise

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S.T.E.M. ACADEMY PRE-ENGINEERING
11th & 12th Grade
Lemley Memorial Campus
Buildings F & G
3420 S. Memorial Dr.

Course options (Two (2) Engineering courses & One (1) Math or Science course each year):

» Aerospace Engineering
» AP Computer Science Principles
» AP Computer Science A
» AP Biology
» Computer Integrated Manufacturing
» Introduction to Engineering Design
» Engineering Design & Development (senior only)
» Chemistry

» AP Calculus AB
» AP Calculus BC
» AP Physics 1
» AP Physics C: Mechanics
» Pre-Calculus
» Principles of Engineering
» Digital Electronics

Tulsa Tech's Student Services | Career Services Center @ Lemley Memorial Campus | 3420 S. Memorial Dr. in Tulsa
Admissions | Career Advisement & Assessment | One Stop Information & Enrollment Center

12.1.17

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