



PRE-ENGINEERING (PLTW) @ STEM ACADEMY

- *Explore and construct innovative projects in the diverse fields of engineering*
- *Design and build unique creations utilizing digital circuits, gaming software, model structures, remote control machines, and robots*
- *Work individually and in teams to solve unique engineering challenges using engineering equipment and current software*

» **Who Can Attend?**

High School Students

Apply Now!

**For more information, visit tulsatech.edu
or call (918) 828-5000**

Located at:



STEM Academy
3420 S Memorial Dr
Tulsa, OK 74145

Tulsa Tech Mailing Address

PO Box 477200 Tulsa, OK 74147-7200



MAKE YOUR OWN PATH

Tulsa Tech does not discriminate on the basis of race, color, religion, national origin, gender, age, marital or veteran status, or disability.

PRE-ENGINEERING (PLTW) @ STEM ACADEMY

COURSES, SCHEDULING INFORMATION & ESTIMATED TUITION, FEES & BOOKS

» Courses

PLTW PRE-ENGINEERING

*(Comprehensive High Schools
Required PLTW Courses)*

Introduction to Engineering Design

Principles of Engineering

(PLTW Math Courses - 2 units)

Algebra I

Algebra II

Geometry

AP Geometry

Pre-AP Pre-Calculus

AP Calculus AB

AP Calculus BC

(PLTW Science Courses - 2 units)

AP Chemistry

Pre-AP Chemistry

Chemistry

Physical Science

AP Biology

Biology

Pre-AP Biology

AP Physics B

AP Physics C

Environmental Science

AP Environmental Science

ADVANCED PLTW PRE-ENGINEERING

*(STEM Academy Required PLTW
Courses)*

Introduction to Engineering Design

Principles of Engineering

Engineering Design and Development

(PLTW Course Options - 2 units)

Digital Electronics

Computer Software Engineering

Aerospace Engineering

Civil Engineering

Computer Integrated Manufacturing

(PLTW Math Courses - 2 units)

Algebra I

Algebra II

Geometry

AP Geometry

Pre-AP Pre-Calculus

AP Calculus AB

AP Calculus BC

(PLTW Science Courses - 2 units)

AP Chemistry

Pre-AP Chemistry

Chemistry

Physical Science

AP Biology

Biology

Pre-AP Biology

AP Physics B

AP Physics C

Environmental Science

AP Environmental Science

» Scheduling Information

H.S. / 2–4 school years:

August–May

STEM Academy:

8:00–10:50 AM / 12:00–2:50 PM

***Other schedule options available**

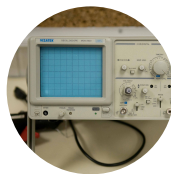
Comprehensive High School Sites:

1 PLTW course each year

» Estimated Tuition, Fees & Books

*High school students living in the
Tulsa Tech school district
are not charged tuition.

**There may be additional required
costs as defined in the program
handbook. Tuition, fees, career
majors, courses and hours are subject
to change without notice.



**Contact Information Center
at (918) 828-5000 for start dates.**

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