




ANDERSON HIGH  
SCHOOL

**T-STEM ENGINEERING  
PROGRAM**



# T-STEM ENGINEERING PROGRAM

- 3-year program of ACC **college level** engineering courses
- Classes are integrated into your Anderson schedule and taught either at Anderson, at an ACC campus, or online (depends on size of class)
- Students earn an **Engineering Technology Certificate** upon graduation that can lead to employment in Engineering Technology after high school OR assist with admission to post-secondary Engineering programs
- Classes include engineering, computer programming, electronics and computer-aided drawing

# T-STEM ENGINEERING PROGRAM

## 4 YEAR SEQUENCE OPTION 1

Year	Fall Courses	Spring Courses
9 <sup>th</sup>	Principles of Applied Engineering (AHS Course)	Principles of Applied Engineering (AHS Course)
10 <sup>th</sup>	EDUC 1300 – Effective Learning Strategies	COSC 1336 – Programming Fundamentals I
11 <sup>th</sup>	CETT 1403 – DC Circuits MATH 1414 – College Algebra (counts as Algebra II at AHS)	CETT 1405 – AC Circuits MATH 2412 – Precalculus (counts as Precal at AHS)
12 <sup>th</sup>	CETT 1425 – Digital Fundamentals	CETT 1429 – Solid State Devices DFTG 1405 – Technical Drafting

# T-STEM ENGINEERING PROGRAM

## 4 YEAR SEQUENCE OPTION 2

Year	Fall Courses	Spring Courses
9 <sup>th</sup>	Principles of Applied Engineering (AHS Course)	Principles of Applied Engineering (AHS Course) EDUC 1300 – Effective Learning Strategies
10 <sup>th</sup>	MATH 1414 – College Algebra (counts as Algebra II at AHS)	MATH 2412 – Precalculus (counts as Precal at AHS)
11 <sup>th</sup>	CETT 1403 – DC Circuits	CETT 1405 – AC Circuits
12 <sup>th</sup>	CETT 1425 – Digital Fundamentals COSC 1336 (Programming Fundamentals 1)	CETT 1429 – Solid State Devices DFTG 1405 – Technical Drafting

# STEM ENGINEERING PROGRAM

## 3 YEAR SEQUENCE

Year	Fall Courses	Spring Courses
9 <sup>th</sup>	Principles of Applied Engineering (AHS Course)	Principles of Applied Engineering (AHS Course)
10 <sup>th</sup>		EDUC 1300 – Effective Learning Strategies
11 <sup>th</sup>	CETT 1403 – DC Circuits MATH 1414 – College Algebra (counts as Algebra II at AHS)	CETT 1405 – AC Circuits MATH 2412 – Precalculus (counts as Precal at AHS)
12 <sup>th</sup>	CETT 1425 – Digital Fundamentals COSC 1336 (Program. Fundamentals 1)	CETT 1429 – Solid State Devices DFTG 1405 – Technical Drafting

## WHAT ELSE...?

- Must be legally eligible to work in the US
- 2.5 GPA or better
- Complete Principles of Applied Engineering with a B or better
- TSI testing required for college readiness (Mrs. Painter will test students)
- Complete ACC application

## WHAT ELSE...?

- NO TUITION! ACC courses are free, but there may be textbook charges, depending on the course
- You qualify to take other ACC dual credit courses and earn high school and college credit – US History, US Government, English IV, and lots more!
- Concerned about your schedule filling up? You can take ACC courses during the summer and get ahead and reduce your course load during the school year!
- All ACC coursework is WEIGHTED credit – like AP, IB, Honors, etc.
- Great exposure to college level coursework
- You are earning true college credit on a college transcript that easily transfers to most public colleges & universities across the country



## REGISTRATION – NEXT STEPS

- **Registration instructions can be found [HERE](#)**
- **If you have an Austin ISD number, go ahead and log into your parent portal, and IF Anderson Tstem is not an option, then go ahead and register for your home high school. Please email me so that I can inquire about the status of the transfer roll over. Do not panic - they are doing hundreds!**
- **If you do not have an Austin ISD number, and you live in Austin ISD, please submit all required documents to our registrar to get an AISD number.**



# INTERESTED IN LEARNING MORE?

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**AHS Dual Credit Coordinator**

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**[www.andersononline.org](http://www.andersononline.org)**

**Students / College & Career Center**

