

# Programs @ a Glance



## Science, Technology, Engineering & Mathematics Advanced STEM Pathway- SC0010008

### Who can Enroll?

HS Juniors | HS Seniors  
(To complete 2<sup>nd</sup> year)

### Schedule

Monday-Friday  
AM Session: 8am-11am  
PM Session: 12pm-3pm

### Estimated Completion

HS Student: 2 years

### Program Description:

This two-year program will emphasize academics and engineering principles. It will provide students seeking advanced STEM opportunities for a head start on a collegiate STEM degree. Rose State College courses will be facilitated on the EOC Tech Center campus on behalf of the students, with tutoring and academic help available on campus as well. Thirty-two college credit hours are possible with this program.

### Cost:

Rose State College- Tuition,  
Fees & Books  
Est. Out-of-Pocket- Varies  
Certification Exams: EOC  
EOC Books: Property of EOC

### Financial Aid

N/A

### Average OKC Salary

N/A

### Career Major Information | Total Hours: 960

#### Year 1 Courses

PLTW Digital Electronics (Digital Circuits)*	120
--	-----

RSC Calculus I	120
----------------	-----

Principles of Engineering (Robotics & Coding)	120
---	-----

RSC Calculus II	120
-----------------	-----

#### Year 2 Courses

RSC Calculus II	120
-----------------	-----

RSC Engineering Chemistry	120
---------------------------	-----

RSC Differential Equations	120
----------------------------	-----

RSC Engineering Physics	120
-------------------------	-----

### Student Organizations

SkillsUSA

### Certifications Available:

N/A

\*Oklahoma's Promise approved course for  
Computer Science/Computer  
Technology Unit.\*

### Program Supply list:

TI-84 Graphing Calculator- \$120  
or TI-nSpire CX CAS Calculator- \$180  
3 Ring Binder- \$5  
Paper- \$3  
Pencils- \$2



4601 North Choctaw Road, Choctaw, Oklahoma 73020

Eastern Oklahoma County Technology Center does not discriminate on the basis of race, color, national origin, sex/gender, age, disability, or veteran status in its programs or activities. For inquiries concerning this policy contact  
Eastern Oklahoma County Technology Center Tele: (405) 390-9591

EMAIL: [titleIX@eoctech.edu](mailto:titleIX@eoctech.edu) OR [section504@eoctech.edu](mailto:section504@eoctech.edu)