

OKLAHOMA SCHOOL OF SCIENCE AND MATHEMATICS

To provide an accelerated program that will compliment students' high school course work in science and math.

The Oklahoma School of Science and Mathematics Regional Center provides advanced educational opportunities and challenges for high school juniors and seniors in the Autry Technology Center district who are gifted in the areas of science and math. The school is a branch of the prestigious Oklahoma School of Science and Mathematics.

Students will be enrolled in both calculus and physics during the three-hour period.

OKLAHOMA SCHOOL OF SCIENCE AND MATHEMATICS COURSES

- **ADVANCED PLACEMENT CALCULUS BC**

AP Calculus BC is a full-year course in the calculus of functions of a single variable. It includes all topics covered in AP Calculus AB plus additional topics. Both courses represent college-level mathematics for which most colleges grant advanced placement and credit. The content of AP Calculus BC is designed to qualify the student for placement and credit in a course that is one course beyond that granted for AP Calculus AB.

- **ADVANCED PLACEMENT PHYSICS C MECHANICS**

This course ordinarily forms the first part of the college sequence that serves as the foundation in physics for students majoring in the physical sciences or engineering. The sequence is parallel to or preceded by mathematics courses that include calculus. Methods of calculus are used wherever appropriate in formulating physical principles and in applying them to physical problems. Strong emphasis is placed on solving a variety of challenging problems, some requiring calculus. The subject matter of the AP Physics C Mechanics course is classical mechanics and includes topics in kinematics; Newton's laws of motion, work, energy and power; systems of particles and linear momentum; circular motion and rotation; oscillations; and gravitation.



"The OSSM courses are challenging me and allowing me to learn at an advanced level."

- Bruce L.

For more information contact:

JANET STRATE

Director of Full-Time Programs

janetstrate@autrytech.edu

580.242.2750

1201 West Willow | Enid, Oklahoma, 73703 | 580.242.2750 | autrytech.edu

COURSE LENGTH/IN-DISTRICT TUITION

Aug-May M-F High School: Half-day:
8:00-10:45am or 12:30-3:15pm

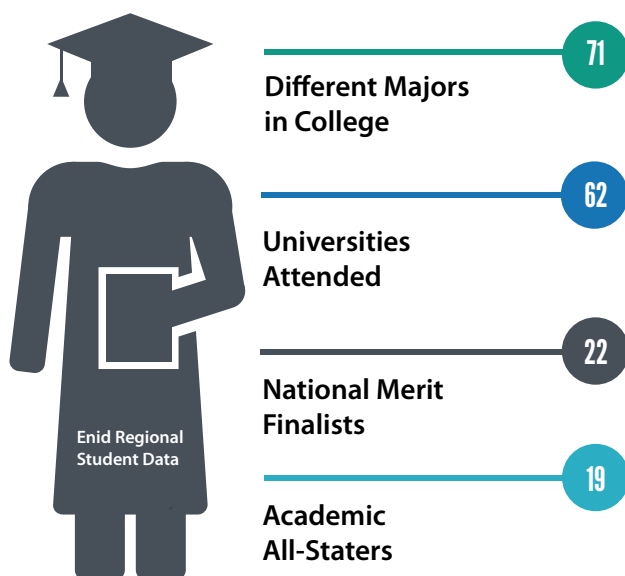
Tuition: There is no tuition for students to attend OSSM-Autry. Textbooks are supplied by OSSM. Students are only responsible for costs associated with school supplies and incidental expenses related to their course work.

Who Can Enroll:
High School Juniors & Seniors

HIGHLIGHTS

- Advanced science and math course work
- Nationally recognized academic program
- State-of-the-art facilities and equipment
- Advanced classes while keeping affiliation with home high school
- Excellent college preparation

OSSM DIRECTLY FUELS OKLAHOMA'S ECONOMIC ENGINE FOR THE FUTURE Proven Model of Educational Success



autrytech.edu



APPLICATION POLICY

Admission to the OSSM Regional Center is a highly competitive process initiated by written application. In addition to the student's high interest in science and mathematics, the admission committee will examine multiple criteria including standardized test scores, previous grades and course work, academic recommendations, scientific interest and aptitude, self-discipline, personal maturity, motivation and overall potential as an OSSM-Autry student.

Applications available online at autrytech.edu.

Applications are also available from Autry Technology Center or your local high school counselor.



NEARLY

50%

Received PERFECT score on AP Calculus BC Exam



Over 285 students have attended Enid Regional Center since 2000.

Autry Technology Center does not discriminate on the basis of race, color, sex, pregnancy, gender, national origin, religion, disability, veteran status, sexual orientation, age, or genetic information. Questions or concerns should be directed to the Director of Student Services or the Assistant Superintendent. Autry Technology Center no discrimina en base a raza, color, género, estado de embarazo, nacionalidad de origen, religión, discapacidad, estado de veterano, orientación sexual, edad o información genética. Las preguntas o inquietudes deben dirigirse al Director de Servicios Estudiantiles o al Asistente del Superintendente.