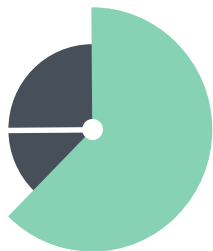


## OKLAHOMA SCHOOL OF SCIENCE AND MATHEMATICS (OSSM) Enid Regional Center

**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.



### OSSM Directly Fuels Oklahoma's Economic Engine for the Future



*"Autry Tech gave me the opportunity to give myself a test run at Physics and help me decide if the STEM field is a good fit for me before going to college."*

*-Taylor R.*

### 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.

- **ADVANCED PLACEMENT STATISTICS**

AP Statistics is a full-year course offered to second year students after they complete AP Calculus BC and Physics C: Mechanics. The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students who successfully complete the course and exam may receive credit for a one-semester introductory college statistics course.

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

## 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. *Students may be responsible for AP exam fees, depending on school district.*

Who Can Apply: High School Juniors & Seniors who have taken Algebra 2

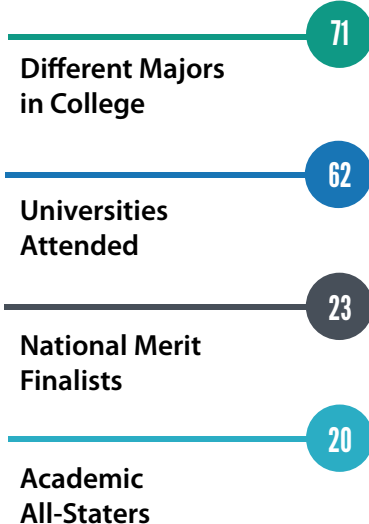
## HIGHLIGHTS

- 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



Enid Regional Student Data



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](http://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 313 students have attended Enid Regional Center since 2000.

