

# STEM At A Glance



The purpose of the Southwind High School STEM Academy is to prepare students who are college-ready in science, technology, engineering and mathematics. The faculty and staff are committed to problem-based learning through rigorous, relevant, and innovative instruction, thereby enabling students to pursue higher education.

## STEM Cours Offerings

### STEM Education

STEM I: Foundations

STEM II: Applications

STEM III: STEM in Context

STEM IV: Practicum

### STEM Focus

Advanced Mathematical Concepts

Pre-Calculus (Honors)

Dual Enrollment Calculus

Dual Enrollment Pre-Calculus

AP Calculus AB

Dual Enrollment College Algebra and

Elementary Calculus

Anatomy and Physiology (Honors)

AP Chemistry

Chemistry (Honors)

Biology I (Honors)

Environmental Science

Environmental Science (Honors)

Physical Science (Honors)

Physics World Concepts (Honors)

Physics (Honors)

Dual Enrollment Computer Apps

\* One of Southwind's unique STEM features is that it offers a strong sequence of science courses that change the way students see the world and teaches them how to think and solve complex problems.