

CAIS Information for Parents and Students: “ACADEMICS IN A NUT SHELL”

Academic Parameters: All CAIS students are required to meet Oregon City School District’s 26 Credit Diploma Requirement, complete a structured internship at the student’s selected site, prepare for or earn an industry certification, and complete post-secondary entrance requirements (which vary depending upon the institution or apprenticeship). The emphasis on student learning is framed around *developing each student’s capacity to solve problems* using a variety of information as individuals and as teams. In each case the academic plan for each student is individualized to meet their interests and goals.

The learning environment is digital: lectures are podcasted, assignments downloaded, students turn in assignment electronically, reading is available in multiple formats, a variety of learning and power tools are at their disposal. Students work as a team. Students manage the flow of their work to meet deadlines.

Some general academic targets include:

Mathematics for all students:

1. Must meet Oregon Department of Education Diploma Requirements
2. SAT Math Preparation
3. Pre-Calculus
4. Statistics

(Some students may select College Algebra, at CCC, or AP Calculus at OCHS)

English Language Arts target for all students:

1. All students will meet Oregon Department of Education English Language Arts reading and writing standards.
2. SAT Essay prep
3. Written assignments will be contextual, and can be revised overtime to meet state and district requirements.
4. Most students will complete Writing 121

(Some students will complete Writing 122, and 123 to complete the first year college writing sequence at Clackamas Community College)

Science target for all students:

1. All students will complete a minimum of three years of science that include physics, chemistry, and biology focused on understanding the connection between the natural world and the designed world.
2. Physics, Chemistry, and Biology Labs will be contextual (robotics, composites, green energy technologies, etc.) and evidence of learning will meet Oregon Department of Education Scientific Inquiry and Engineering Design requirements.

(Some students will take chemistry, physics, or biology at Clackamas Community College)

Social Studies target for all students:

1. All students will complete state and district social studies requirements through integrated studies, for example, history, world geography, and civics will be studied through the history of trade from local, state, national and international perspectives. Another example is studying US History, Micro (personal) and Macro Economics by discovering the history of each of the little boxes on your paystub. Each student will develop a financial success plan which answers the question, “when should I start saving for my retirement?”

Electives:

Based on student interests, are scheduled through OCHS, or through CCC. Required basic electives, such as PE, are completed with their CAIS peers during the freshman or sophomore years. Foreign language studies are available through OCHS.

CAIS Learning Laboratory:

CAIS Lab is a dedicated elective focused on designing, building, guest lectures, team study, etc. As juniors and seniors, CAIS lab will be located at CCC in the Building 25 adjacent to the OCHS campus.

Career Studies:

All students will complete four years of career study to help them decide which career they wish to explore beyond high school.

All students will complete a yearlong structured internship their senior year.

All students will study three potential career focus areas their junior year, with short-term internships in each area of interest.

All freshmen and sophomores will explore potential careers in all manufacturing fields of interest to each student; learn about opportunities in the region and the entrance requirements for each field. Field trips are part of this exploration.

Can students try out for high school teams? Yes. There may be conflicts during the junior and senior years between team demands and scheduled internships.

However, managing conflicting priorities are good training for more difficult real-life choices later on.

For additional information, PLEASE SEE OUR WEBSITE AND ATTEND OUR INFORMATION NIGHTS!

MARCH 16TH AND MARCH 30TH
6:00PM IN THE PRESENTATION ROOM AT OCHS