

SHERWOOD HIGH SCHOOL (SHS)

School District/ Location: Sherwood School District 88J

Web Address: <http://sherwoodbowmen.com/>

Overview: SHS is unique in requiring all students to take and pass 2 computer-related classes in order to graduate. This gets students into their technology programs and maintains focus and funding.

Courses Offered/Program Format: SHS offers a CAM-like certificate for academic concentration in the areas of computer graphics, programming, hardware/networking and web management, as well as a broad array of classes in industrial arts. Academy endorsements are not offered.

Clubs: Several HS students serve as coaches for the lower grades robotics teams.

Size of Program: Total enrollment is 920 students, an estimated 20% of whom take one or more years of pre-engineering courses, with about 10 pre-engineering graduates per year.

Curriculum Used: The internally developed curriculum is tied to best practices modeled by other Oregon high schools through the Computer Science Teachers Association and others. The department motto is “on time-real time learning”. This is done by providing some curriculum on line. LearnKey’s online computer certification (A+, Network+, Security+) training is used for the computer hardware classes.

Time Spent by Students: Course load for technology classes is less than the core subjects, more than some electives.

Results to Date:

Outside Funding Sources: Perkins funds are used to keep the program running. The computer science program generates some funds through tech equipment recycling.

Other Interest Point(s): Student TA’s to manage the hardware and recycling facility and equipment. Community adults do mock interviews for all juniors and seniors in the CS program.