



# CAREER & TECHNICAL EDUCATION (CTE)

South Lane School District's Career and Technical Education programs bridge student strengths, passions and interests with the current skills and knowledge necessary to enter high wage/high demand careers reflective of the global marketplace.



Preparing  
students to be  
college &  
career ready

## Programs of Study

Engineering Technology  
Health Occupations  
Culinary Arts  
Early Childhood Education  
Business & Management  
CIS/Information Technology  
Electronic Media  
Fine/Studio Arts  
Agriculture, Food & Natural Resources  
Construction Technology

95%

95% of students concentrating in CTE graduated high school—10 percent higher than the overall U.S. graduation rate.

\$10,000

Individuals with associate degrees in CTE fields can earn up to \$10,000 more per year than those with associate degrees in other fields.

30 M

There are about 30 million “good jobs”—jobs that pay a median income of \$55,000 or more and require education below a bachelor's degree.

89%

89% of manufacturers face talent shortages, with 60% reporting a high or very high impact on productivity.



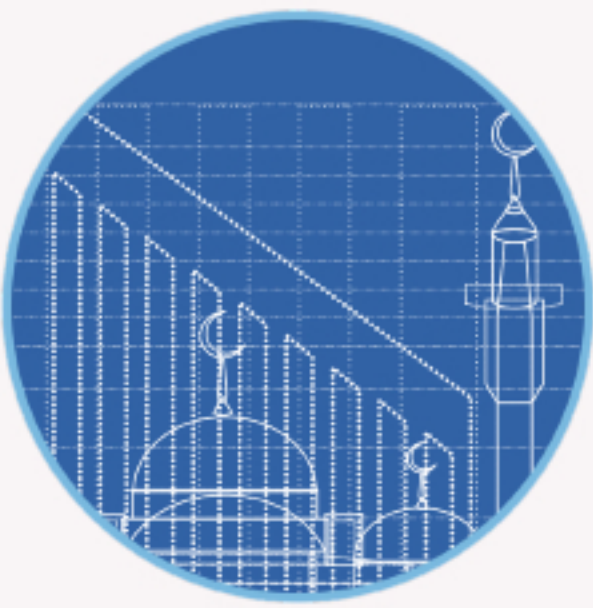
MAKING STUFF  
IS COOL!



# CTE PROGRAMS OF STUDY

MAKING STUFF  
IS COOL!

Our mission is to ensure that all students successfully and creatively engage with technologies, communities, environments and workplaces. Programs provide opportunities for students to develop a set of skills that include: collaboration, creativity, critical thinking, workplace skills and expectations, and industry specific expectations. Students will develop these authentic skills through academic and hands-on learning opportunities and simulations.



Engineering Technology will prepare students to apply industrial and engineering skills in demand by employers. Includes instruction to a wide variety of technical and engineering concepts and skills including: robotics, manual and automated machining, hydraulic and pneumatic systems, basic electricity and electrical wiring, computer-aided design, plastics manufacturing, quality assurance, and mechanical drive systems.



Health Occupations introduces students to the variety of career options available in the healthcare field. They learn basic anatomy and physiology, medical terminology, and legal and ethical aspects of healthcare and communications. At the end of the academic year students will have a chance to earn the American Heart Association HealthCare Provider CPR certificate.



Culinary Arts students will build fundamental skills needed for entry level positions working in the food industry. Instructional components include but are not limited to safety and sanitation, use of small equipment and kitchen tools, recipe interpretation, nutrition, basic food identification, and preparation. Students are assisted in placement into paid internships with qualified foodservice/hospitality professionals.



Early Childhood Education is designed to teach students the aspects of teaching and working with young children. Students will explore career pathways and develop the characteristics of successful teachers and childcare providers through practicums. Students may have the opportunity to take Teacher Cadet, which allows them to get practicum experience working with a teacher in their area of interest.



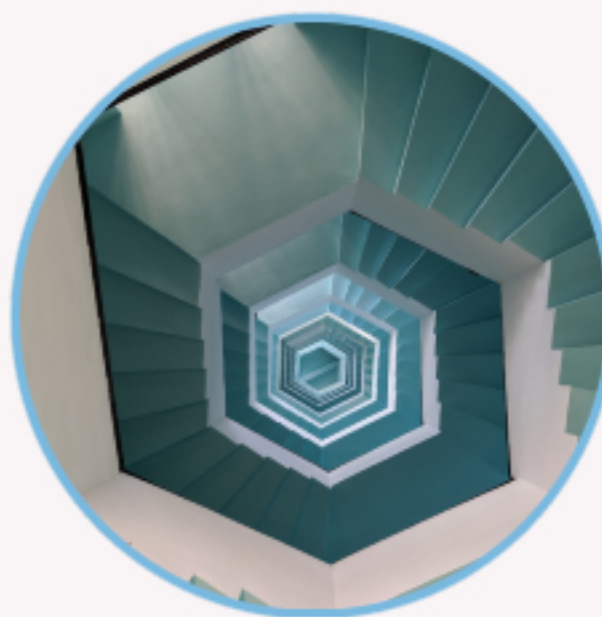
Business and Management students learn about business administration but with a sports marketing focus (topics include media, sales, events, law, and ethics). They get to participate in real life learning opportunities where we run a vending business, a sports marketing signage program, order and stock for concessions, create advertisements, manage the athletics website, work with social media, and run FBLA (Future Business Leaders of America).



Information Technology focuses on preparing students with a knowledge base and technical skills for all careers in IT. Includes instruction in fundamental programming concepts, analyzing problems, developing algorithms, game development, web page design, programming, and cybersecurity. Partnerships include Amazon's Future, Engineer Program, Cisco Networking Academy, Connected Lane County, and Lane Community College.



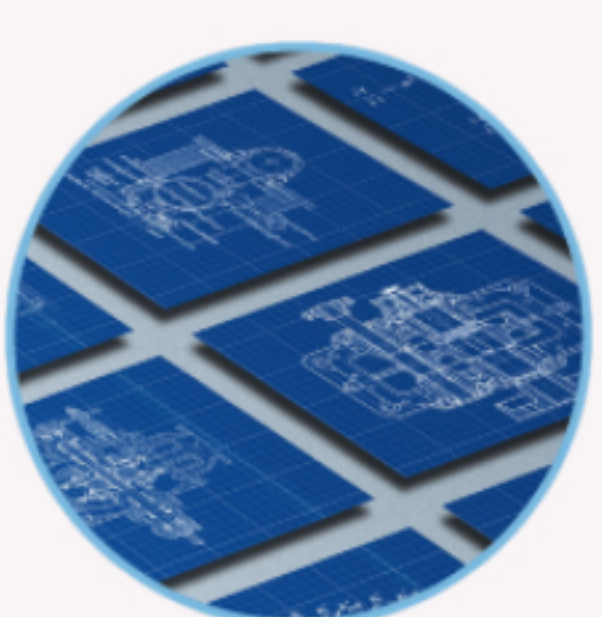
Electronic Media introduces students to the many facets of digital content production and provides them with foundational knowledge, combined with hands-on production experience to take advantage of jobs and careers as digital content producers. In addition to instruction, the program also provides students an opportunity to create a unique news/information platform for the school or school district.



Fine/Studio Arts combines the creative elements of fine arts with digital technologies. Students use the latest industry hardware and software to complete projects in multimedia (Adobe Photoshop, Illustrator, and InDesign), desktop publishing, and digital photography. Digital Media Technology lays the foundation for exciting careers in public relations, graphic design, and project and print management.



Agriculture, Food & Natural Resources focuses on the essential elements of life—food, water, land, and air. Instruction prepares students for employment in careers that relate to the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources, including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.



Construction Technology students will engage in activities such as reading blueprints, preparing building sites, starting foundations, erecting structures, installing utilities, finishing surfaces, and providing maintenance. A strong emphasis is placed on safety, career and college readiness, career exploration, and construction competencies.

## Opportunities in Development at the Middle School Level

Makerspace  
Culinary Arts  
Woods  
Information Technology

