



Emerald Ridge High School – Skilled & Technical Sciences High School Career & Technical Education (CTE) Courses



9th Grade Courses

Manufacturing Discoveries
(0.5 Credit)
Industry Cert

10th – 12th Grade Courses

<p><u>Robotics</u> (1.0 Credit) (Industry Cert, Dual Credit, Core Equivalency)</p>	<p><u>Mechatronics I</u> (1.0 Credit) (Industry Cert, Dual Credit, Core Equivalency)</p>	<p><u>Computer Aided Design I</u> (1.0 Credit) (Industry Cert, Dual Credit)</p>	<p><u>Introduction to Flight</u> (1.0 Credit) (Industry Cert, Dual Credit)</p>	<p><u>Graphic Design</u> (1.0 Credit) (Industry Cert, Dual Credit, Core Equivalency)</p>	<p><u>Digital Photography I</u> (1.0 Credit) (Industry Cert, Dual Credit, Core Equivalency)</p>	<p><u>Video Productions I</u> (1.0 Credit) (Industry Cert, Dual Credit, Core Equivalency)</p>
	<p><u>Mechatronics II</u> (1.0 Credit) (Industry Cert, Dual Credit, Core Equivalency)</p>	<p><u>Computer Aided Design II</u> (1.0 Credit) (Industry Cert, Dual Credit)</p>	<p><u>Aircraft Systems</u> (1.0 Credit) (Industry Cert, Dual Credit)</p>		<p><u>Digital Photography II</u> (1.0 Credit) (Industry Cert, Dual Credit, Core Equivalency)</p>	<p><u>Video Productions II</u> (1.0 Credit) (Industry Cert, Core Equivalency)</p>
	<p><u>Mechatronics III & Apprenticeship</u> (1.0 Credit) (Industry Cert, Dual Credit, Core Equivalency)</p>					<p><u>Video Productions III</u> (1.0 Credit) (Industry Cert, Core Equivalency)</p>

Robotics Career Strand	Mechatronics Career Strand	Drafting Career Strand	Aviation Career Strand	Digital Media Career Strand
Software Developer: \$79,570 - \$173,790 Robotic Engineer: \$60,480-\$160,420 Mechatronics Engineer: \$60,480 - \$160,420	Mechatronics Engineer: \$56,910 - \$154,800 Manufacturing Engineer: \$56,901 - \$154,800	Civil Drafter: \$36,620 - \$84,430 Architect: \$52,700 - \$114,350	Pilot: \$119,990 - \$208,000 Aviation Inspector: \$24,800 - \$119,270 Transport Manager: 68,160 - \$171,450	Producer: \$36,630 - \$103,890 AV Equipment Technician: \$29,440 - \$75,520 Graphic Designer: \$34,630 - \$90,400