

Elma Innovation Academy

New high school option for 2024-2025 & beyond



Thematic Pathway Approach

First Cohort of 25 ninth/tenth grade students for 2024-25:

- ▶ Natural Resources
- ▶ Manufacturing/STEM

The Approach:

- ▶ Incorporate real-life skills + workplace experience + academic learning standards through career pathways students are interested in exploring



How is it Different?

- ▶ Career preparation focus
- ▶ Less “bosses”
- ▶ Block schedule day
- ▶ Free college credit and/or industry certifications
- ▶ Hands-on learning
- ▶ Personalized education
- ▶ Independent time
- ▶ Ownership of your learning



Why Career Pathway Focus?

- ▶ Meet Need of 21st Century Skills
- ▶ Work with like minded peers
- ▶ Hands-on/minds-on approach
- ▶ Utilize new technologies
- ▶ Career Relevance
- ▶ Employment preparation and connections
- ▶ Develop skills that transfer in a variety of careers



Learning Structure - Multi-hour blocks

155 min AM	Manufacturing / STEM Pathway Project Based Learning Opportunities Mastery of Standards for all high school credits
U-Skills, Eagle Time, & Lunch Independently defined learning and support + Mastery of Common Core, NGSS and other required graduation standards	
150 min PM	Natural Resources Pathway Project Based Learning Opportunities Mastery of Standards for all high school credits

How & What?

Manufacturing/STEM in Action

- ▶ Bates & CPTC Dual Credits
- ▶ Investment in Equipment past 10+ years
 - ▶ CNC Press Brake, Hydraulic Shear, Landing Gear Simulator, CNC Mill, Lathe with DRO, Multi Process Welders, Sheet Metal Fab Lab, CNC 4X8 Plasma Cutter, Welding Simulator, Forklift, and more



How & What?

Manufacturing/STEM in Action

- ▶ LNI Registered 2,000 HR Youth Apprenticeship with AJAC
 - ▶ 2022 Cohort: 5 EHS Seniors; 3 Industry Partners
 - ▶ 2023 Cohort: 7 Seniors & 1 Junior; 5 Industry Partners
 - ▶ Grays Harbor, Mason, and Thurston County
 - ▶ Signing Day



How & What?

Natural Resources/Forestry Tradition

- ▶ Historical Partnerships with Timber Industry
- ▶ Government Agency's in Olympia
- ▶ \$25,000 Grant to update and add equipment
- ▶ Grays Harbor College Credits



Diversity of Programs & Career Options to Close the Labor Gap:

Natural Resources/Forestry

- ▶ Forestlands incorporate ecosystems, wildlife, soil & water management, riparian's, geology, recreation, government regulations for public & private lands and so much more
- ▶ Careers are vast in the public and private sector

Manufacturing/STEM

- ▶ CNC programming/operator, engineering & design, fabrication, sheet metal, welding, manufacturing, assembly, lean consultation, inventory specialist, maintenance technician, millwright, composite design, quality control, and more.

End Result

Elma Innovation Academy Students

- ▶ Graduate with Mastery Learned Credits for HS graduation
- ▶ Graduate with College Dual Credit within each career pathway along with ENG 101, MATH XXX, and Science XXX
- ▶ Participate in a Manufacturing Automation Technician Apprenticeship or an Internship in Natural Resources, Manufacturing, etc.
- ▶ Earn a wage &/or stipend/scholarship
- ▶ Earn Stackable Credentials with guaranteed admission to post-secondary programs



Next Steps:

Elma Innovation Academy Students

- ▶ Complete an application
- ▶ Complete an interview
- ▶ Selection
- ▶ Start Fall of 2024
- ▶ Experience an education opportunity like no other



Disclaimer:

Please don't let some of these answers to the questions limit you from applying. This is a new program that is in development. It is a partnership with students, parents, industry, and school.

1. Please apply if you are at all interested
2. Express your concerns and/or barriers if you were to attend this program. Email at ckershaw@eagles.edu or write on the back of your application.
3. Help us create an amazing program that serves everyone's needs.

Common Questions:

Yes, this program is ideally positioned for you to be in both pathways for the full day until Jr/Sr. year. Your Junior & Senior year you will focus on one of the pathways and be in industry as an intern or apprentice

Yes, leads to apprenticeship and/or internships

Yes, still experience sports, activities, dances, assemblies, etc.

Yes, in FFA and SkillsUSA

Yes, prepares for college, career, a resume builder, and more - All classes needed for university enhance will meet CADR's. You will need to take a World Language during U-Skills

No, it's not easier, it's different

Yes, it's open to ALL students with a these career interests

No, everyone will not automatically be accepted into the academy

Common Concerns:

- ▶ How will I meet standards for credit?
 - ▶ There will be “power” standards aligned for each high school credit. You will need to show evidence of proficiency or mastery to earn the credit. This will be tracked in a system called Empower. You may meet complete a credit in at anytime. Some will take longer than others based on where you are at in your learning. Online programs will be used for additional support in U-Skills Time.
- ▶ Will I be able to take electives at the high school or ASU?
 - ▶ Yes, if the elective offered fits within the program allowance, see below examples
 - ▶ Yes, this can be done in place of a program pathway or as a part of the U-Skill Time.
- ▶ Will I be able to only do one program instead of the full day? Yes
 - ▶ Example: Manufacturing in the AM, U-Skills, Eagle Time, & Lunch with 5th & 6th period at HS
 - ▶ Example: 1st & 2nd period at HS, Eagle time, U-Skills, & Lunch before Natural Resources in the PM

MORE???

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