

Pathways to Helena College

Business and Finance

Small Business Mgmt
Accounting

Transportation

Automotive Technology

Advanced Manufacturing

Welding
Computer-Aided Manufacture

**Law, Security, Public Safety,
Corrections and Security**

Fire and Rescue
Legal Support Specialist
Criminal Justice

Information Technology

Computer Programming
Network Administration

Big Sky Pathways Bulletin

Women in Gear Held Saturday, October 10 at Helena College Airport Campus

Twelve young women and several parents learned to use fire extinguishers, explored the insides of hybrid cars and diesel trucks, made fiberglass key chains, cut, formed, and painted sheet metal roses, used a plasma cutting table, and helped an expert turn out intricately machined gears at **Women in Gear**. They explored **Automotive Technology, Aviation Maintenance, Diesel Technology, Fire & Rescue, Computer-Assisted Manufacturing, Sheet Metal Fabrication, and Welding Technology** with Helena College faculty and students.

The lunch program, moderated by Christie Lende, HR Director at The Boeing Company, featured a panel of successful women working manufacturing and diesel repair, as well as college students. Participants left with a gift bag from Boeing, safety glasses, ear protection, and the items they made.

The event was **sponsored by The Boeing Company, Helena College and Big Sky Pathways.**



Health Career Cluster Seminar Featured Panel of Employers

On October 2, after teachers and counselors worked with Helena College faculty and students to begin developing pathways in several healthcare programs, experts from Medicare, the Montana Hospital Association, Westmont, the State Fund, and Helena College discussed the variety of job opportunities, key skills, and their own pathways to a full lecture hall of high school, ABE, and college students. The Seminar formed new connections among the faculty, students, high school teachers, and employers.

Pathway Development and Revision

Business & Industry Involvement

Helena College and its partners meet to refine, revise, and develop pathways to various careers throughout the school year.

To ensure that pathways lead to viable career opportunities, employers in the region serve on Advisory Committees to provide input regarding:

- Skill sets that employers need;
- Job openings that will be available;
- Opportunities for internships or apprenticeships; and
- Courses and programs needed to fulfill emerging industry needs.

To participate in any of these activities, contact:

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Transportation Career Cluster Seminar; January 8, Airport Campus

This Seminar will feature representatives from Advisory Committees for Aviation Maintenance, Diesel Technology, and Automotive Technology, sharing with area teachers and counselors the critical skills, job possibilities, and potential work experiences in these high-need careers, as well as a new CDL continuing education certificate. Helena College faculty, high school teachers, and ABE instructors will determine the series of classes and/or job experiences that best prepare students for success in each college program as they develop Programs of Study.

Small-scale Meetings for Pathway Exploration and Development

In March, Helena College will demonstrate a DACUM Study for Mechatronics (automated systems that involve electronics, mechanics, and computer control), which may lead to pathways in the Engineering Career Cluster. Sheet Metal Fabrication Programs of Study will be finalized and existing Programs of Study will be revisited for editing to make them more student-friendly.

Professional Development Supported

A workshop entitled **Collaborating through Pathways and Contextualized Learning** will be offered for Staff who work with ABE, Access to Success, TAACCCT, and other special populations to discuss how TRiO, Learning Communities, and Developmental Education can provide bridges to successful college pathways. Participants will learn from one another; but also learn from Rigorous Programs of Study trainers (OPI's Eric Swenson and Megan Vincent and others who developed Literacy in CTE materials). Findings from national models and Helena College technical writing and math instructors will be reviewed.

Helena College Big Sky Pathways is supporting high school partners' attendance at the ACTE national conference in New Orleans will support two counselors for presenting at state counselors' conference in April.

Snap-On Tools Certification Training Offered

In June, Snap-On Tools Industry Certification Training will be offered to high school teachers and students in *Auto Scanner Diagnostics, Torque, Multi-Meter, and Precision Measurement Instrumentation*, at Helena College Airport Campus.