

## Advanced Manufacturing Curriculum

### Freshmen

- Safety Manufacturing Environment
- Fundamentals of DC/AC
- Introduction to Process Technology

### Sophomores

- Various classes in Motor Control & Pneumatic Processes

### Juniors

- Classes To Be Determined

### Seniors

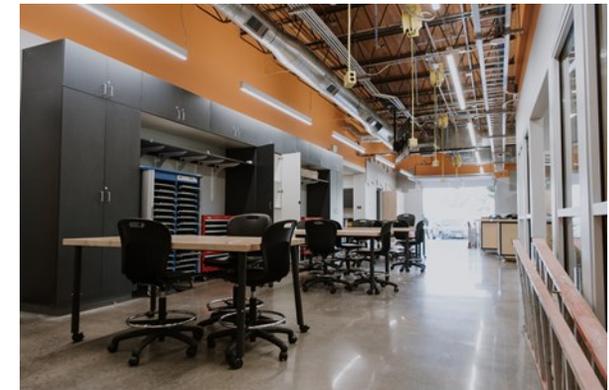
- Classes To Be Determined

## FUNDING

Through the Mill Levy Override and Grant Funds, Greeley Central was able to do an extensive state of the art renovation to add a fully functioning hands-on teaching facility.



## Greeley Central High School Advanced Manufacturing



**PLEASE CONTACT OUR INSTRUCTOR FOR  
MORE INFORMATION:**

**Bill Alexander**

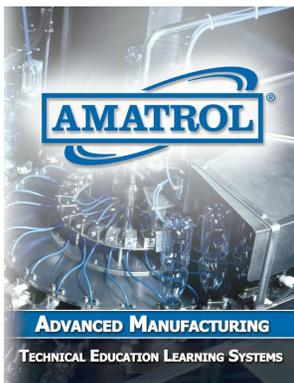
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Greeley, CO 80631  
970.348.5000**

[www.greeleyschools.org/GreeleyCentral](http://www.greeleyschools.org/GreeleyCentral)

### THANK YOU TO THE FOLLOWING CONTRIBUTORS:

- Aims Community College Advanced Manufacturing Department
- Aims Community College High School Programs
- City of Greeley
- Daniels Fund
- District 6 - Facilities
- District 6 - Office of Information Technology
- District 6 - Administration Building Staff
- DS Constructors
- Greeley-Evans Community
- GSG Architecture
- Joe Carter
- Success Foundation
- Vestas



### Non-discrimination Statement

In compliance with Titles VI & VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, the Age Discrimination in Employment Act of 1967, the Americans with Disabilities Act, the Genetic Information Nondiscrimination Act of 2008, and Colorado law, Weld County School District 6, Greeley, Colorado, does not unlawfully discriminate on the basis of race, color, sex, religion, national origin, ancestry, gender identity, creed, age, marital status, sexual orientation, genetic information, disability or need for special education services in admissions, access to, treatment, or employment in educational programs or activities which it operates. Greeley-Evans School District 6 will take appropriate steps to ensure that the lack of English language skills will not be a barrier to admission and participation in vocational education programs.

Complaint procedures have been established for students, parents, employees, and members of the public. The following person(s) have been identified as the compliance officer for the district employees and members of the public:

**Assistant Superintendent of Human Resources**

**1025 9th Avenue Greeley, CO 80631**

**Phone: (970) 348-6000**

**Email: [District6-HumanResources@greeleyschools.org](mailto:District6-HumanResources@greeleyschools.org)**

Complaints regarding violations of Title VI (race, national origin), Title IX (sex/gender), Section 504/ADA (handicap or disability), may be filed directly with the Office for Civil Rights, U.S. Department of Education, 1244 North Speer Boulevard, Suite 310, Denver, Colorado, 80204. Complaints regarding violations of Title VII (employment) and the ADEA (prohibiting age discrimination in employment) may be filed directly with the Federal Office of Equal Employment Opportunity Commission, 303 E. 17th Avenue, Suite 510, Denver, Colorado, 80202, or the Colorado Civil Rights Commission, 1560 Broadway, Suite 1050, Denver, Colorado, 80202.



### SERVING STUDENTS

Greeley Central High School introduces the Advanced Manufacturing pathway. Greeley-Evans School District 6 has partnered with Aims Community College to develop two state of the art pathways: Industrial Manufacturing and Robotics. The Industrial pathway will focus on industry problem-solving and industrial troubleshooting. The Robotics pathway will focus on automation, robotics and safety (**note:** Robotics pathway **NOT** available at this time). Concurrent Enrollment through Aims Community College will allow students to earn post-secondary credit as well as industry certifications.

Greeley Central is currently serving 240 students in the Advanced Manufacturing pathway.

### Admission Criteria / Application Process

- Any student who shows interest in this program will be considered.
- Must obtain a "C" or better in all Advanced Manufacturing classes to receive dual credit from AIMS.
- Students who do not maintain a "C" or better in any Advanced Manufacturing class will be subject to removal from program.

## INDUSTRY CERTIFICATIONS

Through partnerships with Aims Community College students will have the opportunity in earning the following post-secondary credit and industry certifications:

### INDUSTRIAL

- OSHA 10-Hour Safety or CTP Safety Certification
- CTP Maintenance Awareness Certification
- CTP NIMS Duty Area 5 Certification
- Manufacturing Process Certification



## POST-SECONDARY OPTIONS

Students will earn the opportunity to receive post-secondary credit through Aims Community College right here on the Greeley Central High School campus in the following courses:

### INDUSTRIAL

- Safety Manufacturing Environment
- Fundamentals of DC/AC Electricity
- Experimental Design and Engineering
- Introduction to Programmable Logic Controllers
- Introduction to Process Technology
- Industrial Troubleshooting
- Process Technology
- Instrumentation