

## About

The Next Frontier Advanced Manufacturing Institute (NFAMI) is proud to partner with UAT, Highlands College, and Accelerate MT (all of Montana). The Operation Next curriculum will help create a strong Montana base for a forward-thinking, manufacturing-oriented, educational program that has already been proven successful in other states and 2023 was Operation Next Montana's Pilot Program. Highlands College has contributed greatly to improving the program.

NFAMI recognizes that rewarding experiences come from serving the armed forces. NFAMI seeks to support our state's past and present servicemen and women through the opportunity to gain high-value skills, while boosting the pipeline of critically needed workers for increasingly higher-tech manufacturing jobs in Montana. The curriculum will train our nation's servicemen and women in high-value CNC manufacturing and welding skills so they can obtain high-paying, critical support jobs. Credentials obtained are nationally recognized and portable from either the National Institute of Metalworking Skills (NIMS), the American Welding Society (AWS), and/or from Highlands College.



## CONTACT



Ben Kohler  
bkohler@uatitanium.com  
(cell) 406-565-0190  
(office) 406-494-8113



Sponsored By **ACCELERATE** MT

## ELIGIBILITY:

- Veterans, National Guard, and Reserve
- Active Duty Transitioning Service Members
- Spouses and Children (17-25)
- Nieces, nephews, and siblings, if they attend with you.

## Program:

- >Gain Experience, Training, and Knowledge,
- >Highlands College Issued Certifications, and or
- >Other nationally recognized certifications (NIMS, AWS)

## ADMISSION

Curriculum and all needed tools are provided  
Tuition Free by NFAMI and Accelerate MT.

## FACILITY

Highlands College campus  
25 Basin Creek Road, Butte, MT

**Program Manager:** Mark Samson 406-496-3737

## HANDS ON DATES

August 24-25th (Orientation 8:00am, then lab)

September 14-15th

October 5-6th

October 19-20th

November 2-3rd

November 16-17th (NIMS Testing will occur)

December 6-7th (NIMS Testing will occur) **Class**

**Times:** Saturdays and Sundays 8:00-5:00

(\*Lunch is provided by Highlands\*)



## Computerized Numerical Control Operator

Learn how to operate a CNC (computer numerical control) machine to conduct subtractive manufacturing. Manufacture parts from materials (i.e. metals).

### Skills include:

- ✓ Operation of CNC lathes, mills, and multi-axis machines.
- ✓ Interpreting basic blueprints and schematics
- ✓ Opportunities for national NIMS credentials upon completion.

## WELDING

Learn how to use hand-welding or flame-cutting equipment to assemble metal structures and equipment.

Use cutters, shapers and measuring tools to permanently join parts, fill holes, indentations, or seams.

Skills include understanding blueprints, metallurgy, some specialized math like trigonometry, and some basic engineering.



16,500 CNC Operator job openings are projected annually nationwide through 2028.



146,000 People working as a CNC Operators in the US.



CNC Operators can make up to \$60,000 a year.



48,800 welding job openings are projected annually nationwide through 2028.



424,700 people working as a welders across the country in 2018.



Welders can make up to \$63,000 a year.

