

**Linde Skills Pipeline™ Workforce Development Program
Curriculum at NVCC Danbury**

Advanced Manufacturing: *Machine Technology* - Semester I

Total credits: 15

- MFG *115 Safety in the Workplace (1 credit)
- MFG*124 Blueprint Reading I (2 credits)
- MFG*153 Manufacturing Machinery – Bench work (2 credits)
- MFG*H177 Fundamentals of Machine Technology (4 credits)
- MFG*156 Manufacturing Machinery – CNC I (3 credits)
- MFT H120 Metrology/CMM (3 credits)

Semester I - Non-Credit Courses

- MFT H5236 Career Awareness / Development / Computer Applications
- MFT H5235 Manufacturing Math I

Students will be in classes Monday – Thursday from 4:00 pm – 10:00 pm

Advanced Manufacturing: *Machine Technology* - Semester II

Total credits: 16

- QUA*114 Principles of Quality Control (3 credits)
- MFG*105 Manufacturing Math II (3 credits)
- MFG*125 Blueprint Reading II (3 credits)
- MFG*H277 Advanced Machine Technology (4 credits)
- MFG*256 Manufacturing Machinery – CNC II (3 credits)

Semester II - Non-Credit Courses

- MFT H5238 Career Development / Industry Internship

Blended program 40% classroom 60% hands-on learning

March 10, 2021