

## Year Two Status Report Template

**Name of Pilot Program:** Advanced Technology Center  
Construction Technology  
Manufacturing Technology  
Welding

**Name of Persons Submitting this Proposal:**  
Regina Blasberg  
Tim Baber  
Harriet Happel

**Date of Proposal Submission:** 10 Mar 22

**Type of Program:** (Noncredit Certificate of Completion or Competency, Credit Certificate of Specialization or Achievement, AA/AS or AA-T/AS-T)

Construction Technology: Construction Tech AS Degree and Certificate. Credit Certificate of Specialization for Carpentry. Credit Certificate of Specialization for Masonry and Concrete. Options to stack to the AS. All of the curriculum aligns with the NCCER Industry Recognized Credentials.

Manufacturing: Credit Certificate of Specialization for Milling and Tooling that will stack towards the AS. Multiple NIMS Industry Recognized Credentials.  
Non-credit certification for Certified Production Technician. MSSC Industry Recognized credential

Welding: In progress.

### **Program Description:**

Please provide a short overview of the program, its purpose, and goals:

These programs comprise the Advanced Technology Center. This project is part of a three-year grant to address the employment supply pipeline gap for advanced technology in Industry 5.0.

### **Status Update**

1. Describe the success for the program to date. What evidence supports this? (Success could be in the form of development of curriculum or formation of advisory committee or hiring of staff/faculty. There may be other ways to describe success specific to the program to date.)

The new and revised curriculum for Construction Technology has been approved. The Construction Tech AS Degree and Certificate were updated. The Credit Certificate of Specializations for Carpentry and the one for Masonry and Concrete were updated/added with options to stack to the AS. All of

*Program Viability Committee*

the curriculum aligns with the NCCER Industry Recognized Credentials. Additionally equipment has been purchased to support the new curriculum.

Canvas shells for each new Construction Technology course are currently under development. Classes are scheduled to be offered in Fall 2022.

The Milling and Tooling pathway curriculum was approved last year by the curriculum committee. We are working to create Canvas shells for each course.

The MSSC NC curriculum is in progress and should be complete by spring 2023

The FT Advanced Manufacturing Technology position has been approved. There have been three failed searches as of late. The announcement has been sent out again. There was a request for a FT classified position in MFGT's program review.

2. Describe the challenges for the program in its second year.

The district has signed a three-year lease agreement on a facility to facilitate operations of the Advanced Manufacturing Technology program. The tentative date for first course offering is fall 2022.

Finding and hiring qualified faculty and staff continues to be a significant challenge for all the areas. For Construction Tech, additional faculty will be needed to staff the scheduled courses.

3. How has the program grown over the last two years?

A tooling and milling pathway was developed and approved.

4. Are any additional resources needed from the college to improve the program?

Not at this time.

5. FOR CTE Programs: What feedback from CTE Advisory Committees has been received to date with respect to the program?

There has been no advisory committee meetings since submitting the original report.

**Please attach appendices of supporting data and information here:**