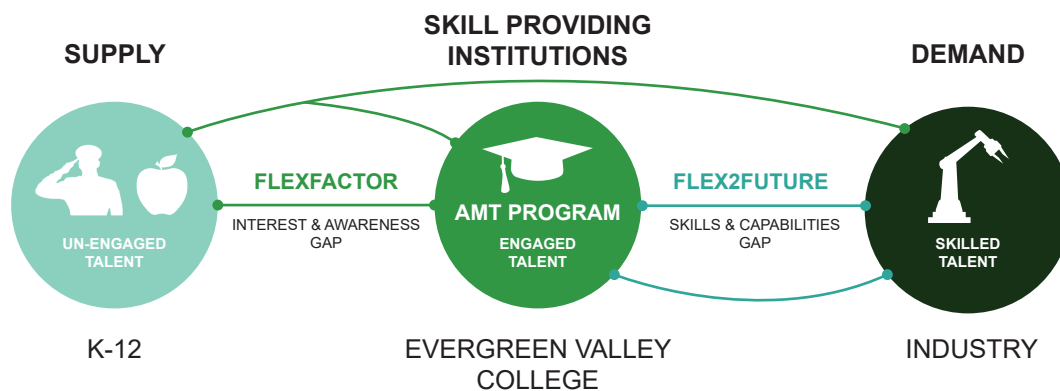


TECHNICAL EDUCATION PATHWAYS FOR ADVANCED MANUFACTURING TECHNOLOGY

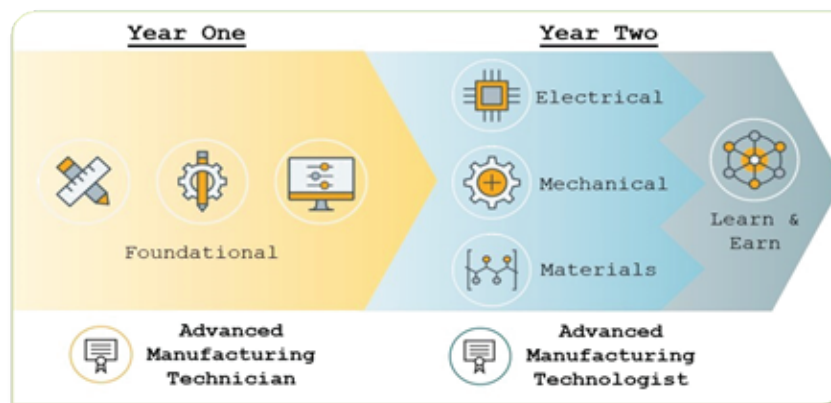
GOAL: Evergreen Valley College (EVC), in partnership with NextFlex will develop an Advanced Manufacturing Technology (AMT) program that incorporates industry throughout the creation, implementation, and delivery of this Technical Education Pathway program at EVC during and after the NSF grant period June 1, 2020 – May 31, 2023.

BACKGROUND: EVC and NextFlex share a mission to recruit, educate, and train the range of talent needed to support a resilient and productive industrial sector. The AMT program was driven by the urgent need for advanced manufacturing technician and technologist talent by regional manufacturers. This project uses a collaborative approach to build a trained workforce via robust partnerships between industry and academia. The program leverages NextFlex Learning Programs’ FlexFactor and Flex2Future to provide the recruitment and work-based learning critical to attracting and training future workforce. In alignment with the shared mission, the AMT program features co-developed curriculum, hands-on training and industry mentorship.



OBJECTIVES: Year One

- Design and develop curriculum co-created with key manufacturing industry partners.
- Recruit and enroll the first cohort in the AMT pathway in Fall 2021.
- Pilot workflows to facilitate deep industry engagement through support to key manufacturing industry partners.



COLLABORATION PARTNERSHIPS: Key manufacturing industry partners that are supporting and developing AMT program:



HIGHLIGHTS – YEAR ONE ACTIVITIES

- Co-develop curriculum with key industry involvement yielding Advanced Manufacturing Certificate of Achievement.
- Deliver NextFlex’s outreach program, FlexFactor, to 10 high school and 6 middle school classes, introducing students to advanced manufacturing careers and college opportunity through EVC AMT program to enroll first cohort for Fall 2021.
- Partner with industry to pilot key courses in preparation for the Fall 2021 launch.

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