Please attach/submit additional documents as needed to fully complete each section of the form. See information about Level II proposals.

I. DEPARTMENT / PROGRAM:

Industrial Technology / Certificate of Applied Science in Precision Machine Technology

II. SUMMARY:

A Certificate of Applied Science in Precision Machining Technology will offer stackable credentials designed with extensive input from community manufacturers to enhance the local labor force. Tier I focuses on introductory knowledge and skills, pre-employment, and the cooperation, communication and critical thinking skills needed for dynamic team interactions. Tier II is the further development of the knowledge and technical skills required for employment in industrial machining. Industry recognized credentials from NIMS (National Institute for Metalworking Skills) will be embedded in all Tiers.

Community manufacturers will continue to provide input into these programs by participating as members of a machining advisory board along with secondary and post-secondary faculty and student members to address topics regarding local workforce development and internship opportunities. Advisory board members will partner with Missoula College instructors by serving on skills panels to help determine the types and levels of skills that will be required for graduates to succeed in the advanced manufacturing workforce. The stackable credentials will allow students to achieve levels of competency with easy on-ramps and off-ramps. They also make it easier for incumbent workers to increase their skills.

This program has been created with administrative and financial assistance from the TAACCCT 3 RevUp Montana grant, funded by the U.S. Department of Labor.
III. PRELIMINARY APPROVAL

Requestor:

James Mason
Phone / Email: (406) 243-7646, james.mason@umontana.edu

Program Chair:
William Hillman

Other affected Programs:

Dean:
Shannon O’Brien
Dean of the Library:
Samantha Hines

☐ Resources included in the proposal are sufficient to adequately support the new program’s library needs.

Initial Review in Provost’s Office:
After the Faculty Senate approves the proposal on a consent agenda, the Provost’s Office forwards the item for Board of Regents approval at the next possible meeting.

IV. TYPE OF PROGRAM CHANGE

☐ Establish a new degree; add new major to existing degree
☒ Adding a minor or certificate where there is no major or option in a major
☐ Retitling a degree (e.g. from B.A. to B.F.A.)
☐ Forming, eliminating or consolidating a college, division, school, department, institute, bureau, center, station, laboratory, or similar unit.*

V. PROPOSAL

See Level II Instructions

Attach the following completed forms:
Board of Regents Item Template Form
Board of Regents Curriculum Proposal Form (For a new Center, Institute, Bureau, Station, Laboratory or similar unit, submit Center Proposal Form instead.) Board of Regents Academic Request Form

*Eliminating or consolidating does not require Curriculum Proposal or Center Proposal Form.
V SUBMISSION

Submit the complete Level II proposal to the Provost's Office for preliminary approval. After all signatures have been obtained, submit original, and an electronic file to the Faculty Senate Office, UH 221, camie.foos@mso.umt.edu