



MEMORANDUM

PROVOST, VICE PRESIDENT OF ACADEMIC AFFAIRS AND STUDENT SERVICES

To: Dr. Christina Ponce

From: Dr. Susan Guzmán-Treviño

Date: November 17, 2025

RE: Approval of Metal Manufacturing Lab Technician Program

We are requesting the Board of Trustees approve offering the Level 1 Certificate, Metal Manufacturing Lab Technician.

The proposed Metal Manufacturing Lab Technician Certificate, aligns with regional workforce demand for skilled technicians in advanced manufacturing, metallurgy, 3D printing, and metallic lab testing technicians. Employers across Central Texas report growing needs for workers trained in additive technologies and precision metal fabrication. This program supports Temple College's mission to expand high-demand, high-wage workforce pathways that meet local industry and economic development priorities.

The Curriculum Committee unanimously approved the new programs and credentials at the November 5, 2025 Curriculum meeting. If approved by the board, students may enroll in the program for the fall 2026 semester. Please see the following page for the degree plan for:

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We appreciate your consideration of this request.

**Level 1 Certificate
Metal Manufacturing Lab Technician**

Level 1 Certificate in Metal Manufacturing Lab Technician	
Semester 1	Credits
1st 8 weeks	
WLDG 1337 Introduction to Welding Metallurgy	3
MCHN 1326 - Introduction to Computer-Aided Manufacturing (CAM)	3
2nd 8 weeks	
INMT 1343- Computer-Aided Design/Computer-Aided Manufacturing	3
MCHN 1391 Special Topics in Machinist / Machine Technology	3
WLDG 2355 Advanced Metallurgy	3
OR INMT 2380- Cooperative Education (Manufacturing/Industrial Technology) (16 WEEKS)	
Total Level 1 Certificate in Metallic Manufacturing Laboratory Technician	15