

FUNDAMENTALS OF ADDITIVE MANUFACTURING, DESIGN, AND ANALYSIS, MICROCREDENTIAL (BEGINNING FALL 2026)

The Fundamentals of Additive Manufacturing, Design, and Analysis microcredential is designed to provide undergraduate students at Saint Louis University with essential knowledge and practical skills in additive manufacturing (AM). This program aligns with SLU's mission to foster innovation and academic excellence, while preparing students to meet growing industry demands in advanced manufacturing technologies. Additive manufacturing is transforming industries such as aerospace, healthcare, automotive, and consumer goods, creating a critical need for a workforce skilled in AM technologies. This microcredential leverages SLU's Center for Additive Manufacturing (SLU CAM) and its state-of-the-art facilities, addressing workforce development in a rapidly evolving field.

Admission Requirements

For current, active Saint Louis University students wishing to declare a microcredential, complete the Update for Student Curriculum Record form (<https://ask.slu.edu/TDClient/30/Portal/Requests/ServiceDet/?ID=160>).

For non-Saint Louis University students, click here to apply as a Visiting/ Non-Degree Seeking Student. (<https://www.slu.edu/admission/visiting-students.php>)

Requirements

Students must achieve a minimum grade of C in each course within the program.

Code	Title	Credits
SE 4100	Introduction to Additive Manufacturing and Design	1
SE 4200	Additive Manufacturing Fundamentals	2
SE 4300	Analysis of Additive Manufacturing	3
Total Credits		6

Additional Academic Requirements

Saint Louis University has graduation requirements for all degree-seeking students. Students are responsible for understanding these Graduation Requirements (<https://courseleaf.slu.edu/academic-policies/academic-policies-procedures/graduation-requirements/>).

Academic Standing

Program Academic Standing

- Students falling below the grade requirement in any course will be placed on probation and must retake the course within the next academic year to continue in the program.

- Students who fail to meet program requirements for a single semester may be placed on probation and provided a written improvement plan.
- Failure to meet improvement targets during the probation period will result in removal from the program and ineligibility for the microcredential.

University Academic Standing

Saint Louis University has undergraduate and graduate standards regarding a student's Academic Standing. Students are responsible for understanding the Academic Standing policy (<https://courseleaf.slu.edu/academic-policies/academic-policies-procedures/academic-standing-undergraduate/>).

Contact Us

For more information about this microcredential, please contact:

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