

Additive Manufacturing, Minor

Paige Houser, Academic Advisor
Location: Wean Hall 3317

Minor in Additive Manufacturing

Overview

The objective of the Minor in Additive Manufacturing is to provide the student with a background in the engineering science that applies to additive manufacturing (also known as 3D printing), from part design through additive processes, to properties and component performance. Particular emphasis is given to metals additive manufacturing, due to its rapidly growing impact on manufacturing across multiple industries, and the need for talent in this area. The minor is open to students in all engineering majors.

Students may not use any given course to satisfy simultaneously requirements in both their enrolled major and in this minor. Graduate courses counted towards this minor may not be (double) counted for a graduate degree.

Departmental Contacts

Biomedical Engineering	Robert Tilton
Chemical Engineering	Robert Tilton
Electrical and Computer Engineering	Maysam Chamanzar
Engineering and Public Policy	Deanna Hart Matthews
Materials Science and Engineering	Anthony Rollett
Mechanical Engineering	Jack Beuth

Course Requirements

This minor requires a total of five (5) courses comprising of three core courses and two technical electives.

Three Core Courses		36 units
		Units
39-601	Special Topics: Additive Manufacturing Processing and Product Development	12
39-602	Additive Manufacturing and Materials	12
39-603	Additive Manufacturing Laboratory	12

Two Technical Electives

To select acceptable technical elective course options, please speak with your departmental contact.