

Advanced Manufacturing Minor

Alabama Industry, the Department of Commerce and the Department of Defense have identified a lack of manufacturing process knowledge as a critical element in the development of the next generation of manufacturing engineers and workers.

This minor, like manufacturing in general, is open to all majors within the College of Engineering and the Auburn University community.

Students will take the following five required courses (17 hours).

Code	Title	Hours
INSY 6700	Digital Drawings, Geometric Tolerances, and Metrology for Industry 4.0	4
INSY 6710	Basic Concepts of 21st Century Manufacturing Processes	3
INSY 6720	Advanced Concepts of 21st Century Manufacturing Processes	3
INSY 6730	Concepts of Computer Numerical Controls	4
INSY 6740	Concepts of Industry 4.0	3
Total Hours		17

Three of the five classes include engineering laboratories using the new equipment within the Interdisciplinary Center for Advanced Manufacturing Systems (ICAMS). ICAMS is largely funded by the Department of Defense as part of their workforce development program