

GRADUATE CERTIFICATE IN ADVANCED MANUFACTURING

Requirements Effective Spring 2022

Additional coursework may be required due to prerequisites.

Code	Title	Credits
Select 9 credits from the following courses:		9
MECH 502	Advanced/Additive Manufacturing Engineering	
MECH 513	Simulation Modeling and Experimentation	
MECH 529	Advanced Mechanical Systems	
MECH 530	Advanced Composite Materials	
MECH 531/ BIOM 531	Materials Engineering	
MECH 533	Composites Product Development	
MECH 537	Processing of Polymer Composites	
MECH 564	Fundamentals of Robot Mechanics and Controls	
MSE 502A	Materials Science and Engineering Methods: Materials Structure and Scattering	
Program Total Credits:		9

*This certificate may have courses in common with other graduate certificates. A student may earn more than one certificate, but a given course may be counted only in one certificate.