



University of  
**NORTH ALABAMA**  
**ENGINEERING and**  
**TECHNOLOGY**

**MS in Applied Manufacturing Engineering**  
<https://una.edu/engineeringtechnology/graduate/>

TYPICAL SCHEDULE

YEAR 1			
Semester	Course No.	Course Name	Prerequisite(s)
Fall I	ENMF 600	Applied Engineering Programming	-
Fall II	ENMF 602	Advanced Applied Engineering Mathematics	-
Spring I	ENMF 603	Advanced Engineering Principles	ENMF 600, ENMF 602
Spring II	ENMF 506	Quality Management and Six Sigma	-
Summer I and II (Choose 2 courses from list to the right)	ENMF 605 ENMF 607 ENMF 604 ENMF 606	3D Modeling for Manufacturing Industries Advanced Applied Chemical Process Engineering Precision Control and Automated Manufacturing Bio-Engineered Products	ENMF 603 for all
YEAR 2			
Semester	Course No.	Course Name	Prerequisite(s)
Fall I	ENMF 609	Preventative Maintenance & Reliability Engineering	ENMF 602
Fall II	ENMF 608	Manufacturing Systems Design and Economics	ENMF 603
Spring (Full) (Choose 1 course from list to the right)	MG 585 MG 670 CIS 644	Project Management (Also Offered Fall) Developing High Performance Teams (Also Offered Spring/8-week Summer) Business Process Integration with ERP Systems (Spring Only)	-
Spring II or Summer	ENMF 610	Engineering Analysis and Simulation	ENMF 603

All Classes – 3 credits each.

Total: 30 credit hours

Note: Class availability is subject to change and demand. Users should refer to the Graduate Catalog for details found at <https://catalog.una.edu/graduate>.

**Always courses available every semester –  
no need to wait to start your MS degree in the fall.**