

**Courses for Students Pursuing a Minor in Mechanical Engineering  
(Advanced Materials and Precision Manufacturing) in the  
College of Engineering**

Course Titles	Course Credit Hours	Course Type	Notes
Mechanical Drawing ME2037	1	Required	1. Students are required to take at least 14 course credit hours of required courses from this list. 2. Students are required to take at least 6 credit hours of elective courses from this list. 3. Students who have been granted course credit waivers are required to take a minimum of 20 credit hours of courses from this list in addition to the course credit hours that have been waived; course credit hours thus earned cannot be counted toward the student's minimum baccalaureate graduation requirements for the department in which they are majoring.
Mechanical Drawing ME2038	1	Required	
Experiments of Manufacture Engineering I ME1041	1	Required	
Experiments of Manufacture Engineering II ME1042	1	Required	
Statics & Mechanics of Materials ME1006	4	Required	
Mechanisms ME2035	3	Required	
Automatic Control I ME4061	3	Required	
Automatic Control Laboratory I ME4059	1	Required	
Materials Science ME2051	3	Required	
Advanced Materials ME3048	3	Elective	
Advanced Material Processing ME4096	3	Elective	
Physical Metallurgy ME3046	3	Elective	
Precision Manufacturing I ME2056	3	Elective	
Precision Machine Design I ME3043	3	Elective	
Fluid Mechanics ME3081	3	Elective	
Total Course Credit Hours	36		