

Course Requirements for a
2nd BS in ME
with 1st BS in AE

ME 1761 Intro to Computer Aided Design ME 1720, Math 1211 or 1214	(1)		
ME 2653 Intro to Manufacturing Processes *ME 1761 ME 1720, <i>Phys 1135</i>	(3)		
ME 2761 Intro to Design ME 1720, ME 1761, ME 2653, <i>Math 1214, Phys 1135, *CE 2200</i>	(2)		
ME 3313 Machine Dynamics <i>CSci, ME 2360, Math 1214/1215/22/22, Phys 1135</i>	(3)		
ME 3131 Thermofluid Mechanics I <i>ME 2519</i>	(3)		
ME 3411 Model Analysis of Dyn Systems <i>CSci, ME 2360, Math 1214/1215/2222/3304, Phys 1135/2135</i>	(3)		
ME 3521 Applied Thermodynamics <i>ME 2519</i>	(3)		
ME 3525 Heat Transfer <i>CSci, Math 3304, ME 2519</i>	(3)		
ME 3708 Machine Design I ME 2653, <i>CE 2210, MtEng 2110 or AE 3877, *ME 2761</i>	(3)		
ME 4479 Auto Control of Dynamic Systems <i>ME 3411</i>	(3)		
ME 4480 Control System Lab *ME 4479	(1)		
ME 4840 Mech Instrumentation <i>Math 3304, ME 2519, Phys 2135</i>	(2)		
CE 2211 Materials Testing *CE 2210	(1)		
Total Hours		31	



C or better required

* Preceded or Accompanied by

C or better required in pre-requisite