

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

AE 2861 Aerospace Vehicle Performance <i>Phys 1135, Math 1215</i>	(3)		
AE 2780 Intro to Aerospace Design <i>AE 2861</i>	(2)		Spring
AE 3613 Aerospace Mechanics I <i>Math 3304, AE 2360, Math 1214/1215/2222, Phys 1135</i>	(3)		Fall
AE 3131 Aerodynamics I <i>Math 1214/1215/2222, Phys 1135, AE 2861</i>	(3)		Fall
AE 3251 Aerospace Structures I <i>Math 1214/1215/2222, Phys 1135, CE 2210</i>	(3)		Spring
AE 3361 Flight Dynamics and Control <i>AE 3613/3131/*2780</i>	(3)		Spring
AE 3171 Aerodynamics II <i>AE 3131, ME 2519</i>	(3)		Spring
AE 4535 Aircraft Space Veh. Propulsion <i>ME 3131 or AE 3171</i>	(3)		Fall
AE 4253 Aerospace Structures II <i>AE 3251</i>	(3)		Fall
AE 4780/AE 4790 (Sys. Design I) <i>AE 3251/3361/3171</i>	(2)		Fall
AE 4781/AE 4791 (Sys. Design II) <i>AE 4780 or AE 4790 respectively</i>	(3)		Spring
<b>Total Hours</b>	<b>31</b>		

\* Preceded or Accompanied by

*C or better required in pre-requisite*