

# College of Southern Maryland & West Virginia University



Associate of Science in Engineering A.S. leading to  
Bachelor of Science in Aerospace Engineering B.S.A.E  
Astronautical Area of Emphasis  
Suggested Plan of Study



College of Southern Maryland	Hours	WVU Equivalents	Hour
Year One, 1 <sup>st</sup> Semester			
ENG 1010	3	ENGL 101 (Required)	3
EGR 1100	3	MAE 102 (Required)	3
MTH 1200	4	MATH 155 (Required)	4
CHE 1200 & CHE 1200L	4	CHEM 115 & CHEM 115L (Required)	4
Arts Elective	3	Elective	3
<b>TOTAL</b>	17		17
Year One, 2 <sup>nd</sup> Semester			
COM 1010	3	COMM 270 & COMM 270S	3
EGR 1210	3	MAE 241 (Required)	3
MTH 1210	4	MATH 156 (Required)	4
PHY 1310	4	PHYS 1TC	4
<b>TOTAL</b>	14		14
Summer Session (Online WVU)		ECON 201 (Required)	3
Year Two, 1 <sup>st</sup> Semester			
MTH 2200	4	MATH 251 (Required)	4
MTH 2210	4	MATH 261 (Required)	4
PHY 2300	4	PHYS 111 & PHYS 111L (Required)	4
EGR 2210 (Technical Elective)	3	MAE 242 (Required)	3
<b>TOTAL</b>	15		15
Year Two, 2 <sup>nd</sup> Semester			
PHY 2320	4	PHYS 112 & PHYS 112L (Required)	4
SOC 2010	3	SOC 2TC	3
EGR 2200 (Technical Elective)	3	MAE 243 (Required)	3
EGR 2320 (Technical Elective)	3	MAE 320 (Required)	3
Social/Behavioral Science w/ CGA	3	Elective	3
<b>TOTAL</b>	16		16

West Virginia University			
Year Three, 1 <sup>st</sup> Semester		Year Three, 2 <sup>nd</sup> Semester	
MAE 202 (Fall Only)	1	EE 221 & EE 221L	4
MAE 212L	1	MAE 316	3
MAE 216L	1	MAE 336 (Spring Only)	3
MAE 244L	1	MAE 353	3
MAE 335 (Fall Only)	3	MAE 460	3
MAE 215	3		
Technical Elective <sup>(1)</sup>	3		
Technical Elective <sup>(2)</sup>	3		
<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>16</b>
Year Four, 1 <sup>st</sup> Semester		Year Four, 2 <sup>nd</sup> Semester	
MAE 434 & MAE 434L (Fall Only)	3	MAE 345 (Spring Only)	3
MAE 466 (AoE/Fall Only)	3	MAE 423	3
MAE 484 (AoE/Fall Only)	3	MAE 456 & MAE 456L or MAE 433 (Spring Only)	3
MAE 486S (AoE/Fall Only)	3	MAE 476	3
Technical Elective <sup>(3)</sup>	3	MAE 487S (AoE/Spring Only)	3
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>15</b>

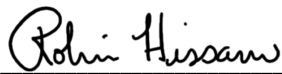
Students must have a cumulative GPA of 2.25 in all college coursework attempted, and a C- or better in MAT 1200, (WVU MATH 155), and EGR 1100 (WVU MAE 102) to be admitted directly to the Aerospace Engineering Program at the Statler College of Engineering and Mineral Resources upon transferring to West Virginia University to ensure this pathway.

Since CMSD students transfer up to MATH 261, they do not need to take ENGR 101 specifically. Another engineering technical elective from CMSD or WVU can satisfy this credit.

Students transferring to West Virginia University with an Associate of Arts or Associate of Science degree will have satisfied the General Education Foundation requirements at WVU.

Students who have questions about admission into their intended program, GEF requirements, or any other issue relating to academics at West Virginia University should contact the Office of Undergraduate Education at WVU.

The above transfer articulation of credit between West Virginia University and College of Southern Maryland, is approved by the Dean, or the Dean’s designee, and effective the date of the signature.

Robin Hissam		05/10/2026
Print Name	Signature	Date
Robin Hissam, Ph.D. Associate Dean for Academics and Student Performance - Statler College of Engineering and Mineral Resources		

Print Name	Signature	Date
Dr. Bernice Brezina, Interim Vice President, Division of Learning.		