

College of Southern Maryland & West Virginia University



Associate of Science in Engineering A.S. leading to
Bachelor of Science in Mechanical Engineering B.S.M.E.
Robotics Area of Emphasis
Suggested Plan of Study



College of Southern Maryland	Hours	WVU Equivalents	Hours
Year One, 1 st 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
TOTAL	17		17
Year One, 2 nd 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	PHY 1TC	4
TOTAL	14		14
Year Two, 1 st 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 (Directed Elective)	3	MAE 242 (Required)	3
TOTAL	15		15
Year Two, 2 nd Semester			
PHY 2320	4	PHYS 112 & PHYS 112L (Required)	4
SOC 2010	3	SOC 2TC	3
EGR 2200 (Directed Elective)	3	MAE 243 (Required)	3
EGR 2320 (Directed Elective)	3	MAE 320 (Required)	3
Social/behavioral with Cultural and Global Awareness requirement	3	Elective	3
TOTAL	16		16

West Virginia University

Year Three, 1 st Semester		Year Three, 2 nd Semester	
EE 221 & EE 221L	4	MAE 316	3
MAE 202 ^(FA only)	1	MAE 331	3
MAE 211 & MAE 211L	3	MAE 342	3
MAE 212L	1	MAE 353	3
MAE 216L	1	MAE 411 & MAE 411L ^(AoE)	3
MSEN 350	3		
MAE 244L ^(AoE)	1		
Technical Elective ⁽¹⁾	3		
TOTAL	17	TOTAL	15
Year Four, 1 st Semester		Year Four, 2 nd Semester	
IENG 302	2	MAE 442 ^(AoE)	3
MAE 423	3	MAE 460 ^(AoE)	3
MAE 456 & MAE 456L	3	MAE 472S	3
MAE 471S	3	ROBE AoE Elective Course	3
ROBE 313	3	Technical Elective ⁽³⁾	3
Technical Elective ⁽²⁾	3	ECON 201	3
TOTAL	17	TOTAL	18

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

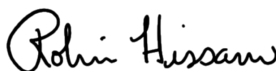
Since CMSD students transfer up to MATH 261, they do not need to take ENGR 101 specifically. Another engineering technical elective from CMSD or WVU can satisfy this credit.

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.