



# Garrett College & West Virginia University

Associate of Science – Engineering Transfer program leading to  
Bachelor of Science in Mechanical Engineering, B.S.M.E.  
Suggested Plan of Study



Garrett College	Hours	WVU Equivalents	Hours
<b>Year One, 1<sup>st</sup> Semester</b>			
FYE 101	1	WVUE 191	1
CHE 101 (Fall Only)	4	CHEM 115 & CHEM 115L	4
ENR 100	3	ENGR 101 + ENGR 1TC	3
ENG 101	3	ENGL 101	3
MAT 190	4	MATH 155	4
<b>TOTAL</b>	15		15
<b>Year One, 2<sup>nd</sup> Semester</b>			
COM 101	3	MDS 270	3
ENG 102 (Arts & Humanities)	3	ENGL 102	3
ECN 201 (S&B Science)	3	ECON 202 (Required by MAE)	3
ENR 230 (Major Elective)	3	ENGR 102	3
MAT 191 (Spring Only)	4	MATH 156	4
<b>TOTAL</b>	16		16
<b>Year Two, 1<sup>st</sup> Semester</b>			
CIS 170 (Fall Only)	4	CS 110	4
MAT 192 (Fall Only)	4	MATH 251	4
ENR 221 (Major Elective)	3	MAE 241	3
PHY 111 (Fall Only)	4	PHYS 111 & PHYS 111L	4
<b>TOTAL</b>	15		15
<b>Year Two, 2<sup>nd</sup> Semester</b>			
ECN 202 (S&B Science)	3	ECON 201 (Required by MAE)	3
MAT 281 (Spring Only)	4	MATH 261	4
PHY 112 (Spring Only)	4	PHYS 112 & PHYS 112L	4
ENR 250 (Major Elective)	3	MAE 242	3
<b>TOTAL</b>	14		14

West Virginia University			
Year Three, 1 <sup>st</sup> Semester		Year Three, 2 <sup>nd</sup> Semester	
MAE 211	3	MAE 321 & MAE 322	4
MAE 320	3	MAE 331	3
MAE 243 & MAE 244	4	MAE 316	3
EE 221 & EE 222	4	Technical Elective (2)	3
Technical Elective (1)	3	Technical Elective (3)	3
<b>TOTAL</b>	17	<b>TOTAL</b>	16
Year Four, 1 <sup>st</sup> Semester		Year Four, 2 <sup>nd</sup> Semester	
MAE 342	3	MAE 411	3
MAE 343	3	MAE 423	3
MAE 454	3	MAE 460	3
MAE 456	3	MAE 471	3
IENG 302 & IENG 303	3	Technical Elective (4)	3
Elective	1		
<b>TOTAL</b>	16	<b>TOTAL</b>	15

Garrett College Note: Students entering the program who are not Calculus-ready must also complete MAT105 College Algebra and MAT110 Pre-Calculus.\*ADDITIONAL GC GRADUATION REQUIREMENTS: Must achieve a grade of "C" or better in all computer science, engineering, mathematics, and natural/physical science courses.

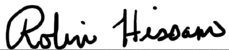
Students must have a cumulative GPA of 2.75 in all college coursework attempted, and a C or better in MAT 190 (WVU MATH 155), CHE 101 (WVU CHEM 115), ENG 101 (WVU ENGL 101), ENR 100 (WVU ENGR 101), and ENR 230 (WVU ENGR 102) to be admitted directly to the Mechanical Engineering Program at the Statler College of Engineering and Mineral Resources upon transferring to West Virginia University to ensure this pathway.

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 regarding this articulation agreement or the transferability of coursework may contact the WVU Office of the University Registrar. All other questions should be directed to the WVU Office of Admissions.

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

Robin S. Hissam  
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 Print Name

  
 \_\_\_\_\_  
 Signature

08/18/2022  
 \_\_\_\_\_  
 Date

Robin Hissam, Ph.D. Associate Dean for Academic Affairs – Statler College of Engineering and Mineral Resources