

Aerospace Engineering, B.S.A.E. AoE Aeronautical

Harrisburg Area Community College & West Virginia University



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



Harrisburg Area CC	Hours	WVU Equivalent	Hours
Year One, 1 st Semester			
CAD 154	3	ENGR 101 & MAE 212L	3
CHEM 101	4	CHEM 115 & CHEM 115L	4
ENGL 101	3	ENGL 101	3
ENGR 102	2	ENGR 191 + ENGR 1TC	2
MATH 121	4	MATH 155	4
TOTAL	16	TOTAL	16
Year One, 2 nd Semester			
COMM 101	3	MDS 270	3
ENGL 104	3	WRIT 305	3
MATH 122	4	MATH 156	4
ECON 201 (Transfer Elective)	3	ECON 202	3
SOC 201 or PYSC 101 (S/B Science Elective)	3	SOC 101 or PYSC 101	3
TOTAL	16	TOTAL	16
Summer Session (Online WVU)		ENGR 102 or MAE 102	3
Year Two, 1 st Semester			
ENGR 213	3	MAE 241	3
MATH 221	4	MATH 251	4
PHYS 211	4	PHYS 111 & PHYS 111L	4
ECON 202 (Transfer Elective)	3	ECON 201	3
Wellness	1	Elective	1
TOTAL	15	TOTAL	15
Year Two, 2 nd Semester			
ENGR 214	3	MAE 242	3
ART 181 or ART 182 or MUS 102 or MUS 104 or FMTH 101 or FMTH 103	3	ARHS 120 or ARHS 160 or MUSC 111 or MUSC 116 or THET 160 or THET 144	3
PHYS 212	4	PHYS 112 & PHYS 112L	4
MATH 222 (Transfer Elective)	4	MATH 261	4
TOTAL	14	TOTAL	14

West Virginia University

Year Three, 1 st Semester		Year Three, 2 nd Semester	
MAE 202 <small>(FA only)</small>	1	EE 221 & EE 221L	4
MAE 215	3	MAE 316	3
MAE 216L	1	MAE 336 <small>(Spring Only)</small>	3
MAE 243	3	MAE 353	3
MAE 244L	1	MAE 365 <small>(AoE/ Spring Only)</small>	3
MAE 320	3		
MAE 335 <small>(Fall Only)</small>	3		
TOTAL	18	TOTAL	16
Year Four, 1 st Semester		Year Four, 2 nd Semester	
MAE 426 <small>(AoE/ Fall Only)</small>	3	MAE 345 <small>(Spring Only)</small>	3
MAE 434 & MAE 434L <small>(Fall Only)</small>	3	MAE 423	3
MAE 460	3	(MAE 456 & MAE 456L) or (MAE 433 <small>SP Only</small>)	3
MAE 475S <small>(AoE/ Fall Only)</small>	3	MAE 485S <small>(AoE/ Spring Only)</small>	3
MAE 476	3	Technical Elective (2)	3
Technical Elective (1)	3	Technical Elective (3)	3
TOTAL	18	TOTAL	18

Students must have a cumulative GPA of 2.25 in all college coursework attempted, and a C- or better in MATH 121 (WVU MATH 155), CHEM 101 (WVU CHEM 115), ENG 101 (WVU ENGL 101), CAD 154 (WVU ENGR 101), and ENGR 102 (WVU ENGR 191) 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.

As part of this pathway, students will be allowed to take WVU MAE 216L and MAE 316 concurrently in the first semester, and students will be allowed to take MAE 215 and MAE 335 concurrently in the first semester. In addition, students should opt to take WVU's ENGR 102 or MAE 102 course online after their first year at HACC and MAE 215 course online after their second year at HACC to ease course load their first semester at WVU.

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 Harrisburg Area Community College, is approved by the Dean, or the Dean's designee, and effective the date of the signature.

Robin Hissam

Print Name



Signature

01/15/2025

Date

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