



Harrisburg Area Community College & West Virginia University

Associate in Science (Engineering) leading to
Bachelor of Science in Aerospace Engineering, B.S.A.E
Suggested Plan of Study



Harrisburg Area CC	Hours	WVU Equivalent	Hours
Year One, 1 st Semester			
CAD 154	3	ENGR 101 + ENGR 1TC	3
CHEM 101	4	CHEM 115 & CHEM 115L	4
ENGL 101	3	ENGL 101	3
ENGR 102	2	ENGR 101	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	ENGL 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
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 THEA 101 or THEA 110	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	
ENGR 102 or MAE 102	3	MAE 316	3
MAE 243 & MAE 244	4	MAE 343	3
MAE 320	3	MAE 336 (Spring Only)	3
MAE 215	3	EE 221 and EE 222	4
TOTAL	13	TOTAL	13
Year Four, 1 st Semester		Year Four, 2 nd Semester	
MAE 335 (Fall Only)	3	MAE 345 (Spring Only)	3
MAE 476	3	MAE 365 (AoE) (spring only)	3
General Electives/Open Electives	3	Technical Elective (1)	3
General Electives/Open Electives	3	MAE 423	3
TOTAL	12	TOTAL	12
Year Five, 1 st Semester		Year Five, 2 nd Semester	
MAE 426 (AoE) (Fall Only)	3	MAE 485 (AoE) (Spring Only)	3
MAE 456	3	Technical Elective (3)	3
MAE 475 (AoE) (Fall Only)	3	Technical Elective (4)	3
MAE 434 (Fall Only)	2	MAE 460	3
Technical Elective (2)	3		
TOTAL	14	TOTAL	12

Students must have a cumulative GPA of 2.75 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.

Students on this path will be allowed to take ENGR 102 and MAE 215 at the same time waiving the prerequisite requirement. Alternatively, students are encouraged to take ENGR 102 online any semester or summer before starting 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 S. Hissam

Print Name

Robin Hissam

Signature

08/04/2022

Date

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