Panel 7: Advance Air Mobility (AAM) Community Development, Virginia

Hampton University (HU), Aviation Department
Chair, Assistant Professor: Mr. John P. Murray

25 Continuous Years of AABI Accreditation

AABInternational

2023

Leading the World in the Advancement
of Aviation Education Accreditation

CERTIFICATE OF ACCREDITATION

presented to

HAMPTON UNIVERSITY

for the following Aviation Programs:

B.S. in Aviation Management -- Airport Administration (AABI Aviation Management)
B.S. in Aviation Management -- Air Traffic Control Management (AABI Air Traffic Control)
B.S. in Flight Education (AABI Flight Education)

Period of Accreditation: February 24, 2023, to February 28, 2028

Aviation Accreditation Board International

presented this 24th day of February 2023

Chairperson

Uncrewed Systems Education (USE) Camps

4th ANNUAL DRONE SUMMER CAMP
Day 1, LM Center for Innovation

Aviation Management, Uncrewed Systems (AUSM)

HAMPTON
U N I V E R S I T Y

1st Year					
Fall			Spring		
APS 101	Weather and Climate	3	AVN 152	Aviation Seminar II	1
AVN 107	UAS Remote Pilot School	3	AVN 153	Aviation Foundations I	3
AVN 111	UAS-I, Manual Flight	3	AVN 211	UAS-II, Autonomous Flight	3
AVN 151	Aviation Seminar I	1	HEA/PED	HEA/PED	3
ENG 101	Written Communication I	3	HIS 106	World Civilianization II	3
UNV 101	University Life	1	MAT 117	MAT 117 or Higher	3
	Term Total	14		Term Total	16

2nd Year					
Fall			Spring		
ACC 203	Accounting I	3	ACC 204	Accounting II	3
AVN 181	Intro to Airport Systems	3	AVN 170	ATC Foundations	3
AVN 277	UAS Mission Planning/PMI	3	AVN 254	Crew Resource Management	3
COM 103	Oral Communications	3	AVN 290	Intro to Unmanned Systems/ Airspace Authorization	3
ELN 101	Intro to Computing for ECE	3	EGR 102	Intro to Structured Programming MATLAB	3
HUM 201	Humanities I	3	ENG 102	Written Communications II	3
	Term Total	18		Term Total	18

Aviation Management, Uncrewed Systems (AUSM)

3rd Year					
Fall			**Spring**		
AVN 201	Flight Safety	3	AVN 350	UAS Payloads & Sensors	3
AVN 395	UAS Cinematography/ Commercial Applications	3	AVN 354	Aviation Legislation	3
ECO 201	Economics I	3	AVN 356	Air Transportation	3
HUM/HIS	HUM/ART/THE/MUS/REL/HIS	3	AVN 396	UAS Emergency Search & Rescue Operations	3
MAT 205	Introduction to Statistics	3	SOC/SCI	Social/Science Elective	3
	Term Total	**15**		**Term Total**	**15**

4th Year					
Fall			**Spring**		
AVN 401	UAS Data-Collection/ Geographical Surveys	3	AVN 402	UAS Network Ops Centers (NOCs) /Drone First Responders (DFRs)_	3
AVN 451	Cooperative Work Study	3	AVN 454*	Senior Practicum/Capstone	3
AVN 453	Special Topics in Aviation	3	AVN 466*	NAS/UTM/ASOCC Integration	3
MGT 300	Business Research	3	MGT 400	Organizational Behavior	3
	Term Total	12		Term Total	12
				Total Degree Hours	**120**

Autonomy Workforce Development

➤ Hampton University-Amazon Robotics H.S. STEM/USE Summer Drone Camp; Tuskegee Airman, Tidewater Chapter, 2023 Drone STEM Summer Camp 6-8 Grade

➤ Certificate/License Programs: FAA TRUST/PART 107-RPIC, VPCC and VSGC

➤ Associate Degree/FAA UAS CTI: Goal, 2+2 Articulation Agreement with VPCC-HU

➤ Bachelor Degree/FAA UAS CTI: Submitted, Pending HU/SACS Approval Process

➤ Masters Degree: Masters in Autonomy/Aviation Science, Strategic Planning Phase

➤ Doctorate Degree: Doctorate in Autonomous Infrastructure/Machine Learning (TBD)