



Richard Bland College
of WILLIAM & MARY

RESOLUTION FOR APPROVAL OF ACADEMIC CURRICULA

Richard Bland College of William & Mary is dedicated to preparing students for a lifetime of endless potential by preparing students for university transfer through academically rigorous programs and access to college credentials through strategic partnerships, specialized programming, and scalable innovation.

Stackable credentials will provide opportunities for Richard Bland College (RBC) to serve a more diverse student body (traditional and non-traditional) and, at the same time, be more responsive to employer needs.

Currently, RBC offers eight (8) degree programs and three (3) certificates. RBC's 2026 Strategic Plan calls for the design and/or update of programs that prepare learners for entry into employment or further education in fields of economic importance.

The Certificate in Uncrewed Aerial Systems (UAS) builds upon the skills established by the FAA Part 107 Commercial Drone license. The course of study develops concepts related to advanced Small Uncrewed Aerial Systems (sUAS) mission planning and operations, which are integral to advancing the UAS industry. It provides in-depth coverage of the operational requirements needed to plan and complete advanced manual and autonomous missions, while meeting FAA regulations covering the operation of sUAS. The certificate highlights additional coverage in all areas, including piloting, crew resource management, communications, maintenance, data processing, and risk management. The course of study develops advanced sUAS skills, helping students to become exemplary candidates through a guided pathway for positions across the UAS Industry.

The Certificate in Uncrewed Aerial Systems has equivalencies to 2-year and 4-year counterparts in-state and out-of-state. This certificate helps build the foundation for a preeminent UAS Certificate and Associate of Science degree that will match benchmarks with UAS leaders across the country. The UAS certificate also supports Richard Bland College's Natural Science and Math Department by expanding into new STEM fields.

Course	Credits Required
UAS 107: sUAS Remote Pilot Ground School	3
UAS 111: Small Uncrewed Aerial Systems (sUAS) I	3
UAS 177: sUAS Components & Maintenance	3
UAS 211: Small Uncrewed Aerial Systems (sUAS) II	3
Total Credit Hours	12

The proposed Certificate in Uncrewed Aerial Systems has been reviewed in accordance with RBC policies, procedures, and shared governance protocol. The recommended change to the College Catalog was approved by the Richard Bland College Instructional Programs and Curriculum Committee on December 6, 2022, presented for discussion at President's Council on January 17, 2023, and approved following Faculty Assembly review and support on January 26, 2023.

THEREFORE, BE IT RESOLVED, that upon the recommendation of the President of RBC, the William & Mary Board of Visitors approves the Uncrewed Aerial Systems Certificate program.