



Richard Bland College
of WILLIAM & MARY

RESOLUTION FOR APPROVAL OF ACADEMIC CURRICULA

Richard Bland College of William & Mary (RBC) 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 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 four (4) 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 Manufacturing Technician (MT) certificate builds foundational skills in several different manufacturing related areas. The course of study develops concepts related to electrical, mechanical, programming, pneumatics, hydraulics, design, and robotics, all of which are critical within the manufacturing industry. This course of study will help develop a guided pathway for positions across the Manufacturing Industry.

The Manufacturing Technician certificate has equivalencies to 2-year and 4-year counterparts in-state and out-of-state. This certificate helps build the foundation for a vital career in manufacturing, assisting students in quality career pathways and the community in workforce development. The MT certificate also supports Richard Bland College's Natural Science and Math Department by expanding into new STEM fields.

The Manufacturing Technician certificate aligns with the Growth4VA workforce goals to make Virginia the top state for talent by creating a diverse array of accessible pathways from learning to earning; providing affordable education that suits Virginian's aspirations and abilities; enhancing entrepreneurship, resilience, and quality of life through research and problem-solving innovation; and increasing individual opportunity — for a great job, career, life, and to give back in ways that improve our families, communities, state and nation.

Course	Credits Required
AMET 131: Electricity Fundamentals	4
AMET 210: Electric Motor & Controls	3
AMET 211: Mechanical Power Systems	4
AMET 221: Fluid Power Systems	3
AMET 241: Industrial Robotics	4
Total Credit Hours	18

The proposed Manufacturing Technician certificate 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 February 16, 2023, presented for discussion at Faculty Assembly on February 23, 2023, and approved following President's Council review and support on March 21, 2023.

THEREFORE, BE IT RESOLVED, That upon the recommendation of the President, the William & Mary Board of Visitors approves the Advanced Manufacturing Technician certificate program and authorizes the President to pursue approval of the program by the State Council on Higher Education in Virginia.