



BIOTECHNOLOGY PROGRAM
Automation
College Credit Certificate (CCC)
Program Code: 68000

College Credit Certificate (CCC) – 15 credits

This certificate prepares students for initial employment with an occupational title such as an Automation or Applied Automation Specialist in various specialized areas. It can also provide supplemental training for persons previously or currently employed in these occupations. These courses can be applied toward the Associate of Science in Advanced Manufacturing.

Course	Course Title	Credits	Pre-requisites	Co-requisites
CORE COURSES (15 Credit Hours)				
ETI-1040	Introduction to Bioscience Manufacturing	3	None	None
ETM-1315C	Applied Pneumatics and Hydraulics	3	MAC-1105	None
ETI-1701	Industrial Safety	3	None	None
ETI-2403	Advanced Manufacturing Technology	3	None	None
MAC-1105	College Algebra	3	CPT	None

- **MAC 1105** - College Algebra (3 credits). Students not demonstrating proficiency on the College Placement Test may be required to enroll in MAT 1033 prior to enrolling in MAC 1105.

For more information about the Biotechnology program, please contact:

MDC - North Campus
Biology, Health, Wellness & Funeral Sciences
11380 N.W. 27th Avenue
Science Complex – 3rd Floor
Miami, Florida 33167
Telephone: (305) 237-1101

MDC Wolfson Campus
Natural Science, Health & Wellness
300 NE 2nd Avenue
Room 1540
Miami, FL 33132
Telephone: (305) 237-3658