

Building Automation Systems Technology

Diploma

BAS4

Curriculum

Basic Skills **8**

- ENGL 1010 Fundamentals of English I (3)
- MATH 1013 Algebraic Concepts (3)
- EMPL 1000 Interpersonal Relations and Professional Development (2)

Occupational Courses **43****Required Courses:** **40**

- AIRC 1005 Refrigeration Fundamentals (4)
- AIRC 1010 Refrigeration Principles and Practices (4)
- AIRC 1020 Refrigeration Systems Components (4)
- BUAS 1010 BAS Fundamentals (2)
- BUAS 1020 BAS Electrical Concepts I (3)
- BUAS 1030 BAS Electrical Concepts II (3)
- BUAS 1040 BAS Devices (3)
- BUAS 1050 BAS Network Architecture (3)
- BUAS 1060 BAS Advanced Electrical Concepts (3)
- BUAS 2010 BAS Commercial HVACR and Controls (3)
- BUAS 2020 BAS Logic and Programming (4)
- BUAS 2030 BAS Design and Installation (4)

Occupational Electives: *(Choose one course.)* **3**

- AIRC 1030 HVACR Electrical Fundamentals (4)
- AIRC 1050 HVACR Electrical Components and Controls (4)
- BUAS 2040 BAS Integration (5)
- BUAS 2050 BAS Internship (3)

Total Credit Hour (minimum): **51**