

Barton Community College, Grandview Plaza - Associate in Applied Science Degree in Hazardous Materials Management

The two-year Hazardous Materials Management Program will allow students to earn an Associate's Degree in Applied Science and prepare them for the work force. After the coursework is completed at Barton, students will be able to conduct studies on hazardous waste materials and take soil or debris samples at contaminated sites and analyze, identify, inventory, package, label and ship hazardous waste, conduct safety audits, safety training and develop safety programs. Graduates may choose to work for the government, waste management companies, utility companies, manufacturing, consulting and hazardous waste engineering companies.

Associate in Applied Science (64 Total Credit Hours)

Additional Information: www.bartonhazmat.org

Written / Oral Communications

ENGL 1204: English Composition I - 3 credit(s)

OR ENGL 1205: Technical & Report Writing - 3 credit(s)

Humanities

COMM 1220: Organization Communications - 3 credit(s)

OR COMM 1230: Public Speaking - 3 credit(s)

OR ENGL 1236: Technical Communications - 3 credit(s)

Social and Behavioral Sciences

OR PSYC 1000: General Psychology - 3 credit(s)

OR SOCI 1104: Contemporary Social Problems - 3 credit(s)

OR SOCI 1129: Cross-Cultural Awareness - 3 credit(s)

SOCI 1100: Introduction to Sociology - 3 credit(s)

Natural Science and Mathematics

MATH 1806: Technical Mathematics - 3 credit(s)

OR LIFE 1413: Environmental Science - 3 credit(s)

OR MATH 1824: Intermediate Algebra - 3 credit(s)

OR MATH 1828: College Algebra - 3 credit(s)

PHSC 1404: Physical Geography - 3 credit(s)

Computer Technology

BSTC 1036: Computer Concepts & Applications - 3 credit(s)

OR BSTC 1001: Introduction to Computers - 3 credit(s)

OR BSTC 1023: Data Base Management - 3 credit(s)

OR BSTC 1685: Spreadsheet Applications - 3 credit(s)

OR OFTC 1696: Word Processing Applications - 3 credit(s)

Major Requirements

HZMT 1903: Introduction to Environmental Mgmt. - 3 credit(s)

HZMT 1905: Environmental Sampling & Monitoring - 3 credit(s)

HZMT 1907: Resource Conservation Recovery Act - 3 credit(s)
HZMT 1909: Clean Air & Water Quality Regulations - 3 credit(s)
HZMT 1912: Industrial Hygiene & Toxicology - 3 credit(s)
HZMT 1917: DOT Regulations - 3 credit(s)
HZMT 1919: HAZWOPER - 3 credit(s)
HZMT 1940: Introduction to Ergonomics - 3 credit(s)
HZMT 1950: Characteristics of Hazardous Materials - 3 credit(s)
HZMT 1978: GIS for Emergency Operations - 3 credit(s)
HZMT 1979: Continuity of Operations Planning (COOP) - 3 credit(s)
OR EMHS 1907: Hazardous Materials Response Operations - 3 credit(s)
OSHA 1928: Fund. of Occupational Safety & Health General Industry - 3 credit(s)

Major Electives

Any: Any HZMT/EMHS/OSHA course not listed in the Major Requirements - * credit(s)

Barton Community College is a member of the Higher Learning Commission and is a member of the North Central Association of Secondary Schools and Colleges.

Core Capabilities

Environmental Response / Health and Safety
Operational Coordination
Planning
Risk and Disaster Resilience Assessment
Screening, Search, and Detection
Situational Assessment
Threats and Hazards Identification

Core Competencies

Operate within the EM Framework, Principles, and Body of Knowledge
Possess Critical Thinking
Value Continual Learning

For More Information:

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