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## Associate of Applied Science RADIATION PROTECTION

This program is designed to prepare you for a career as a Health Protection Technician in environmental programs and scientific laboratories. The program prepares you to conduct radiation surveys, interpret survey data, assess personnel protection requirements, and instruct personnel in appropriate protective procedures and environmental clean-up.

### **GENERAL EDUCATION (45 CRS)**

#### **Communications (6)**

- ENG 111 English Composition I (3)
- ENG 116 Technical Writing (3)

#### **Math/Computers/Lab Sciences (33)**

- BIOL 201/L Principles of Molecular and Cell Biology with lab (4)
- BIOL 202/L Genetics with lab (4)
- CHEM 121/L General Chemistry I with lab (4)
- CHEM 122/L General Chemistry II with lab (4)
- BCIS 102 Computer Literacy (3)
- MATH 130 Intermediate Algebra (4)
- MATH 145 Introduction to Probability and Statistics (3)
- MATH 150 College Algebra (3)
- PHYS 121/L Applied Physics I with lab (4)

#### **Area IV: Social/Behavioral Sciences (3)**

- Elective from pages 25-26 (3)

#### **Area V: Humanities and Fine Arts (3)**

- Elective from pages 26-27 (3)

#### **Health, Physical Education & Recreation (1 cr)**

- Electives (1)

### **PROGRAM REQUIREMENTS (19 CRS)**

- RDPR 233 Radiation Biology (3)
- RDPR 234L Introduction to Radiation Science & Technology (4)
- RDPR 238L Introduction to Radiation Protection (4)
- RDPR 242 Problems in Radiation Protection (4)
- RDPR 243 Practical Radiological Programs and Sampling Methods (4)

**TOTAL CREDITS 65**