



## Associate of Applied Science

### RADIATION PROTECTION/2014-2016

The Radiation Protection 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 (46 CR) SEE PAGES 25-28**

##### **Area I. Communications (6 cr)**

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

##### **Areas II and III. Mathematics/Computers/Laboratory Science (33 cr)**

- 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 cr)**

##### **Area V. Humanities and Fine Arts (3 cr)**

- HUM 100 FYE: History and Culture of Northern New Mexico (3)

##### **Area VI. Library Technology (1 cr)**

- LT 101 Library Research Skills (1)

#### **PROGRAM REQUIREMENTS (19 CR)**

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

**TOTAL CREDITS: 65**