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## Associate of Applied Science RADIATION PROTECTION 2012-2014

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 (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) |
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### **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**