



**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 proper protective procedures and environmental clean-up.

**GENERAL EDUCATION REQUIREMENTS (45 crs)**

	<b>Completed</b>	<b>Planned Timeline (By Semester)</b>
<b>Communications (6 crs)</b>		
ENG 111 English Composition I (3) <i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i>	_____	_____
ENG 116 Technical Writing (3) <i>Pre-requisite: ENG 111</i>	_____	_____
<b>Math/Computers/Laboratory Sciences (33 crs)</b>		
BIOL 201/L Principles of Molecular and Cell Biology with lab (4) <i>Pre-requisite: CHEM 110/L;</i>	_____	_____
BIOL 202/L Principles of Genetics with lab (4) <i>Pre-requisite: BIOL 201 and 201L</i>	_____	_____
CHEM 121/L General Chemistry I with lab (4) <i>Pre-requisite: MATH 130</i>	_____	_____
CHEM 122 General Chemistry II with lab (4) <i>Pre-requisite: CHEM 121/L</i>	_____	_____
CS 102 Computer Literacy (3)	_____	_____
MATH 130 Intermediate Algebra (4) <i>Pre-requisite: MATH 102 or adequate score on the Course Placement Evaluation</i>	_____	_____
MATH 145 Introduction to Probability and Statistics (3) <i>Pre-requisite: MATH 130 or adequate score on the Course Placement Evaluation</i>	_____	_____
MATH 150 College Algebra (3) <i>Pre-requisite: MATH 130 or adequate score on the Course Placement Evaluation</i>	_____	_____
PHYS 121/L Applied Physics I with lab (4) <i>Pre-requisite: MATH 130</i>	_____	_____
<b>Social/Behavioral Sciences (3 crs)</b>		
Elective (3) <i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i> Choose from the following discipline areas: Anthropology, Economics, Geography, Political Science Psychology, or Sociology	_____	_____
<b>Humanities and Fine Arts (3 crs)</b>		
Elective (3) <i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i> Choose from the following discipline areas: Art (theory only), History, Humanities, Literature, Music (theory only) Philosophy, or Theatre (theory only)	_____	_____
<b>Health, Physical Education &amp; Recreation (1 cr)</b>		
Elective (1) _____	_____	_____

**PROGRAM REQUIREMENTS (19 crs)**

RDPR 233 Radiation Biology (3) <i>Pre-requisite: Permission of Instructor.</i>	_____	_____
RDPR 234L Introduction to Radiation Science and Technology (4) <i>Pre-requisite: Permission of Instructor</i>	_____	_____
RDPR 238L Introduction to Radiation Protection (4) <i>Pre-requisite: RAD 234L</i>	_____	_____
RDPR 242 Problems in Radiation Protection (4) <i>Pre-requisite: RAD 234L</i>	_____	_____
RDPR 243 Practical Radiological Programs and Sampling Methods (4)	_____	_____

**TOTAL CREDIT HOURS 65**

## Educational Planning Form (Semester)

Name \_\_\_\_\_ Date \_\_\_\_\_  
Major \_\_\_\_\_ Student ID \_\_\_\_\_

<b>Fall Semester</b>	<b>Spring Semester</b>	<b>Summer</b>
<b>Total Units</b>	<b>Total Units</b>	<b>Total Units</b>
<b>Fall Semester</b>	<b>Spring Semester</b>	<b>Summer</b>
<b>Total Units</b>	<b>Total Units</b>	<b>Total Units</b>
<b>Fall Semester</b>	<b>Spring Semester</b>	<b>Summer</b>
<b>Total Units</b>	<b>Total Units</b>	<b>Total Units</b>

Advisor's Signature \_\_\_\_\_

Student Signature \_\_\_\_\_