

# NORTHERN



*AMENDED 2015-16 Catalog (Revised 1/2/16)*

## Associate of Applied Science RADIATION PROTECTION

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

### **GENERAL EDUCATION (48 CR) SEE PAGES 26-29**

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

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

#### **Areas II and III. Mathematics/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)**

#### **Area VI. First Year Experience (3 cr)**

FYE	101	First Year Experience (3)
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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: 67**