

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 REQUIREMENTS (46 crs)	COMPLETED	Planned Timeline (By Semester)
<u>Area I Communications (6 crs)</u>		
ENG 111 English Composition I (3) <small>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</small>	_____	_____
ENG 116 Technical Writing (3)	_____	_____
<u>Area II and III Math/Computers/Lab Sciences (33 crs)</u>		
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 & Statistics (3) <small>Pre-requisite: MATH 130 or adequate score on the Course Placement Evaluation</small>	_____	_____
MATH 150 College Algebra (3)	_____	_____
PHYS 121/L Applied Physics I with lab (4)	_____	_____
<u>Area IV Social and Behavioral Sciences (3)</u>		
Electives:		
ANTH 101/L Physical Anthropology with Lab	_____	_____
ANTH 102 Intro to Social/Cultural Anthropology	_____	_____
ANTH 110 Indian Culture of the Southwest	_____	_____
ANTH 207 Cultures of New Mexico	_____	_____
ECON 200 Macroeconomics	_____	_____
ECON 201 Microeconomics	_____	_____
GEOG 111 World Geography	_____	_____
HSS/HUM311 Readings in the Social Sciences **	_____	_____
HSS/HUM414 Humanity and Creativity **	_____	_____
HSS/HUM421 History, Literature, Art & Philosophy **	_____	_____
PSCI 110 The Political World	_____	_____
PSCI 120 Contemporary Political Issues	_____	_____
PSCI 200 American Politics	_____	_____
PSCI 210 State and Local Government	_____	_____
PSCI 212 The American Presidency	_____	_____
PSY 105 General Psychology	_____	_____
PSY 210 Theories of Personality	_____	_____
PSY 229 Adolescent Psychology	_____	_____
PSY 230 Psychology of Adjustment	_____	_____
PSY 232 Abnormal Behavior	_____	_____
PSY 270 Social Psychology	_____	_____
PSY 290 Developmental Psychology	_____	_____
SOC 101 Introduction to Sociology	_____	_____
SOC 213 Deviant Behavior	_____	_____
SOC 216 Ethnic and Intercultural Relations	_____	_____
SOC 220 Social Problems	_____	_____
SOC 225 Marriage and the Family	_____	_____

** Students in associate degree programs are advised that upper-division courses used to satisfy any of these requirements are not covered under financial aid.

Area V Humanities (3)

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

Area VI Library Technology (1)

LT 101 Library Research Skills (1)

PROGRAM REQUIREMENTS (19 crs)

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 CREDIT HOURS 65