

NEW MEXICO JUNIOR COLLEGE
ASSOCIATE OF APPLIED SCIENCE IN ENERGY TECHNOLOGY



NAME: _____ A#: _____
 EMPHASIS: _____

GENERAL EDUCATION REQUIREMENTS - 17 Credit Hours

COURSE	TITLE	CREDITS	SEMESTER	GRADE	COURSE	TITLE	CREDITS	SEMESTER	GRADE
CH 114 OR CH 114A	Current Concepts of Chemistry OR General Chemistry I	4			MA 113B	Statistics	3		
EN 113	Composition & Rhetoric	3			PH 114C OR PH 114	Introduction to Physics OR General Physics I	4		
MA 113	College Algebra	3							

DEPARTMENTAL REQUIREMENTS - 30 Credit Hours

COURSE	TITLE	CREDITS	SEMESTER	GRADE	COURSE	TITLE	CREDITS	SEMESTER	GRADE
ENGT 213A	Environmental Health & Safety	3			ENGT 223B	Mechanical Science	3		
ENGT 213B	Fundamentals of Instrumentation & Controls	3			ENGT 223C	Fundamentals of Vacuum Technology	3		
ENGT 213C	Programmable Logic Controllers	3			ENGT 223D	Material Science for the Energy Industry	3		
ENGT 213F	Fundamentals of Prints & Drawings for Technicians	3			ENGT 223E	Electrical Theory	3		
ENGT 223A	Thermodynamics, Heat Transfer & Fluid Flow	3			ENGT 213	Cyber Security for the Energy Industry	3		

DEPARTMENTAL ELECTIVES - SELECT 3 Credit Hours

COURSE	TITLE	CREDITS	SEMESTER	GRADE	COURSE	TITLE	CREDITS	SEMESTER	GRADE
BU 243	Business Communication	3			ENGT 236	Energy Technology Internship	6		
ENGT 223F	Process Management	3			MA 123	Plane Trigonometry	3		
ENGT 233	Energy Technology Internship	3			MA 144	Calculus & Analytic Geometry I	4		

EMPHASIS AREAS - Select 1 Emphasis

Nuclear Energy Emphasis - 12 Credit Hours									
COURSE	TITLE	CREDITS	SEMESTER	GRADE	COURSE	TITLE	CREDITS	SEMESTER	GRADE
ENGT 213G	Fundamentals of Radiological Control	3			ENGT 223	Fundamentals of Nuclear Science	3		
ENGT 213H	Radiological Control Systems	3			ENGT 223G	Radiological Instrumentation	3		
OR									
Petroleum Technology Emphasis - 13 Credit Hours									
COURSE	TITLE	CREDITS	SEMESTER	GRADE	COURSE	TITLE	CREDITS	SEMESTER	GRADE
ENGT 203	Introduction to Oil and Gas	3			ENGT 213D	Drilling Technology and Operations	3		
ENGT 213E	Petroleum Recovery and Production Methods	3			GE 114	Physical Geology	4		

Total credit hours required for this AAS: 62 or 63 Total Credit Hours Acquired: _____ Cumulative GPA: _____

All courses, including General Education requirements, must be completed with a "C" or better.

The student must have a cumulative grade point average of at least 2.0.

A minimum of 15 semester hours must be earned at NMJC. The remainder may be acceptable transfer credits.

Transitional and / or developmental courses do not fulfill any of the above requirements.

Students will not be permitted to graduate if they have unresolved incomplete (I) grades on their academic record.

Student Signature: _____ Advisor Signature: _____
 Dean's Signature: _____ Registrar's Office: _____

Official Degree Plan Filing Date: _____

Although college officials will provide assistance, it is the final responsibility of the student to check all phases of his or her program.