

ENGINEERING
Associate of Science Degree
Catalog 2010-2011

Communications:				Credit Hours	Grade
___	ENGL	111	Freshman Composition	3	___
___	ENGL	211	Advanced Composition	3	___
Mathematics:					
___	MATH	188	Calculus I	4	___
___	MATH	189	Calculus II	4	___
___	MATH	268	Calculus III	4	___
___	MATH	282	Differential Equations	4	___
Social and Behavioral Science*: <u>Select one.</u>					
___	___	___	Anthropology (ANTH 110, 210, 211, 255)	3	___
___	___	___	Economics (ECON 251, 252)	3	___
___	___	___	Human Geography (GEOG 145)	3	___
___	___	___	Introductory to Psychology (PSYC 120)	3	___
___	___	___	Political Science (POLS 110, 250)	3	___
___	___	___	Sociology (SOCL 110, 210, 215)	3	___
Humanities and Fine Arts*: <u>Select two.</u>					
___	___	___	Foreign Language (NAVA 111, 112, SPAN 111, 112)	4	___
___	___	___	History (HIST 121, 122, 211, 212)	3	___
___	___	___	Literature (ENGL 245, 230, 235, 251, 252, 261, 262)	3	___
___	___	___	Music (MUSI 110, 111, 112, 114, 130, 131)	3	___
___	___	___	Orientation in Art (ARTS 110)	3	___
___	___	___	Philosophy (PHIL 110, 115)	3	___
___	___	___	Theater (THEA 110, 120)	3	___
Engineering - core classes.					
___	CHEM	111	General Chemistry I	4	___
___	CHEM	112	General Chemistry II	4	___
___	COSC	118	Computer Programming Fundamentals I with C++	3	___
___	DRFT	121	Engineering Graphics	3	___
___	ENGR	112	Introduction to Engineering	3	___
___	ENGR	230	Engineering Circuit Analysis	3	___
___	ENGR	233	Mechanics-Statics	3	___
___	ENGR	234	Mechanics-Dynamics	3	___
___	ENGR	236	Thermodynamics	3	___
___	ECON	251	Macroeconomics OR		
___	ECON	252	Microeconomics	3	___
___	PHYS	215	Engineering Physics I	4	___
___	PHYS	216	Engineering Physics II	4	___

Total credit hours required for this degree is 67

New Mexico Engineering Transfer Module

Time permitting: students are encouraged to take any or all the following courses as they are included in the articulated transfer module within New Mexico:

___	ENGL	218	Advanced Technical Composition	3	___
___	___	___	Humanities and Fine Arts Elective OR		
___	___	___	Social and Behavioral Science (see page 101, 2010-2011 San Juan College catalog)	3	___

See page 102-103, San Juan College catalog.