

Physics
Associate of Science Degree
Catalog 2008 – 2009

The Associate of Science degree is intended for transfer to a four-year baccalaureate granting institution. Those wishing to transfer to a baccalaureate granting institution and pursue a degree program are strongly encouraged to check with their advisor and carefully coordinate their coursework at San Juan College with the requirements of the transfer institution. Pre-requisite courses must be completed prior to the courses listed below (e.g., MATH 180 and 185 prior to MATH 188). In general, however it is suggested that students complete the New Mexico Transfer Module as outlined below.

			Credit Hours	Grade	
1st Semester					
_____	CHEM	111	General Chemistry I	4	_____
_____	COSC	118	Computer Programming Fundamentals I with C+	3	_____
_____	_____	_____	Humanities and Fine Arts course*	3	_____
_____	ENGL	111	Freshmen Composition	3	_____
_____	MATH	188	Calculus I	<u>4</u>	_____
	Total			17	
2nd Semester					
_____	CHEM	112	General Chemistry II	4	_____
_____	ENGL	211	Advanced Composition	3	_____
_____	_____	_____	Humanities and Fine Arts Course*	3	_____
_____	MATH	189	Calculus II	4	_____
_____	PHYS	215	Engineering Physics I	3	_____
_____	PHYS	215L	Engineering Physics Lab I	<u>1</u>	_____
	Total			18	
3rd Semester					
_____	EE	201	Engineering Circuit Analysis	3	_____
_____	MATH	268	Calculus III	4	_____
_____	PHYS	216	Engineering Physics II	3	_____
_____	PHYS	216L	Engineering Physics Lab II	1	_____
_____	SPCH	110	Public Speaking OR		
_____	SPCH	111	Interpersonal Communications	3	_____
_____	_____	_____	Social and Behavioral Science Course*	<u>3</u>	_____
	Total			17	
4th Semester					
_____	ECON	251	Macroeconomics OR		
_____	ECON	252	Microeconomics	3	_____
_____	MATH	282	Differential Equations	4	_____
_____	PHYS	217	Engineering Physics III	3	_____
_____	ME	240	Thermodynamics	3	_____
_____	_____	_____	Humanities and Fine Arts Course*	<u>3</u>	_____
	Total			16	

Total credit hours required for this degree 68

* See page 179, 2008-09 San Juan College catalog.