

PHYSICS
Associate of Science Degree
Catalog 2010–2011

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+ _____ Humanities and Fine Arts course*	3	_____
_____ ENGL 111 Freshmen Composition	3	_____
_____ MATH 188 Calculus I	4	_____
Total	17	
2nd Semester		
_____ CHEM 112 General Chemistry II	4	_____
_____ ENGL 211 Advanced Composition _____ Humanities and Fine Arts Course*	3	_____
_____ MATH 189 Calculus II	3	_____
_____ PHYS 215 Engineering Physics I	4	_____
_____ PHYS 215L Engineering Physics Lab I	3	_____
Total	1	_____
Total	18	
3rd Semester		
_____ COMM 110 Public Speaking OR		
_____ COMM 111 Interpersonal Communications	3	_____
_____ ENGR 230 Engineering Circuit Analysis	3	_____
_____ MATH 268 Calculus III	4	_____
_____ PHYS 216 Engineering Physics II	3	_____
_____ PHYS 216L Engineering Physics Lab II	1	_____
_____ Social and Behavioral Science Course*	3	_____
Total	3	_____
Total	17	
4th Semester		
_____ ECON 251 Macroeconomics OR		
_____ ECON 252 Microeconomics	3	_____
_____ ENGR 236 Thermodynamics	3	_____
_____ MATH 282 Differential Equations	4	_____
_____ PHYS 217 Engineering Physics III	3	_____
_____ Humanities and Fine Arts Course*	3	_____
Total	3	_____
Total	16	

Total credit hours required for this degree 68

* See page 95 for Social and Behavioral Science and Humanities and Fine Arts, 2010-2010 San Juan College catalog.

See page 104, 2010-2011 San Juan College catalog.