

COMPUTER SCIENCE
Associate of Science Degree
Catalog 2010-2011

Communications:				Credit Hours	Grade
___	ENGL	111	Freshman Composition	3	___
___	ENGL	211	Advanced Composition	3	___
___	COMM	110	Public Speaking OR		
___	COMM	111	Interpersonal Communication	3	___
Mathematics:					
___	MATH	188	Calculus I	4	___
___	MATH	189	Calculus II	4	___
___	MATH	231	Discrete Mathematics	3	___
Social and Behavioral Science: Must have 15 credits total between this area and Humanities and Fine Arts. Minimum of 6 credit hours.					
___	___	___	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 (SOC 110, 210, 215)	3	___
Humanities and Fine Arts: Must have 15 credits total between this area and Social and Behavioral Science. Minimum of 6 credit hours.					
___	___	___	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	___
Computer Science - core classes.					
___	COSC	118	Computer Programming Fundamentals I with C++ **	3	___
___	COSC	190	Database Concepts and Principles ^	3	___
___	COSC	218	Computer Programming Fundamentals II with C++	3	___
___	COSC	236	UNIX	3	___
___	COSC	240	Java Programming	3	___
___	COSC	243	Web Programming on UNIX Systems	3	___
___	COSC	262	Data Structures with C++	3	___
___	COSC	270	Windows GUI Programming	3	___
___	PHYS	211	General Physics I***	4	___
___	PHYS	212	General Physics II***	4	___

Total credit hours required for this degree is 67

** Pre-requisite MATH 096. You need to be able to use a computer, type, create documents, save files, etc. before taking COSC 118. If your computer skills are low you should take COSC 097 concurrently.

*** Read the current catalog of your intended transfer degree institution to take the most appropriate laboratory science courses. Any SJC approved Lab course may be substituted as deemed appropriate by your Computer Science advisor. This course satisfies General Education laboratory science requirement. For information about NM Tech go to www.nmt.edu,

NMSU at www.nmsu.edu, and Fort Lewis College at www.fortlewis.edu

See page 101, 2010-2011 San Juan College catalog.