

San Juan College

Addendum

2009/2010

Academic Catalog

The following degrees and certificate programs are currently available to students for selection in spring 2010. Students must meet and follow all program requirements in addition to meeting all guidelines and policies as written on pages 19 – 44 of the 2009/2010 academic catalog.

ASSOCIATE DEGREES:

AA.EDUC.ELEM



Teacher Education – Elementary Associate of Arts Degree

For students intending to transfer to a four-year Teacher Education program in Elementary Education. Students are strongly encouraged to check with their advisor and carefully coordinate their coursework at San Juan College with the requirements of the transfer institution. Your four year degree program may require additional pre-approved credit hours within your chosen teaching field.

Communications 12

ENGL 111 Freshman Composition	3
ENGL 211 Advanced Composition	3
SPCH 110 Public Speaking	
OR SPCH 111 Interpersonal Communication	3
ENGL 271 Intro to the Study of Lang ^{TESOL}	3

Mathematics 13

MATH 115 Intermediate Algebra-Applications	4
MATH 121 Math for Elem Teachers	3
MATH 122 Math for Elem Teachers II	3
MATH 215 Math for Elem/Mid School	3

Physical Science 4

Choose One Class:	4
PHYS 111 Intro to Physics	
CHEM 110 Intro to Chemistry	
GEOL 110 Intro to Geology	
ASTR 110 Intro to Astronomy	
(UNM accepts ASTR; may not transfer to other 4 year programs.)	

Natural Science 4

BIOL 121 Intro to Biology I	
OR BIOL 122 Intro to Biology II	4

Environmental Science 4

BIOL 230 Environmental Conservation	4
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History 12

HIST 121 Western Civilization to 1700	
OR HIST 122 Western Civilization from 1700	3
HIST 211 U.S. Survey to 1865	
OR HIST 212 U.S. from 1865	3
HIST 260 New Mexico History ^{TESOL}	3
History Elective: HIST 270 Native Am History ^{TESOL}	
OR HIST 272 Navajo History ^{TESOL}	
OR HIST 222 Modern Latin America ^{TESOL}	3

Social Science 9

PSYC 120 Intro to Psychology	3
PSYC 230 Human Development	3
Choose One Class:	3
SOCI 110 Intro to Sociology	
POLS 110 Intro to Political Science	
ANTH 110 Intro to Anthropology	
ANTH 210 Cultural Anthropology ^{TESOL}	
(Recommended)	
ECON 251 Macroeconomics	
ECON 252 Microeconomics	
GEOG 145 Human Geography	

Fine Arts 6

ARTS 217 Art for Elem Teachers	3
MUSI 218 Music in the Elem Classroom	3

Electives 3-4 With Departmental Approval

UNM requires a Foreign Lang. 3 - 4	
Spanish ^{TESOL} or Navajo ^{TESOL} recommended	
ASL accepted	
ENG 250 Teaching Writing ^{TESOL} Recommended	3
See advisor for list of approved courses for electives.	

Total Credit Hours 67-68

This AA Degree meets the State of NM Core Requirements, will more easily transfer to Education programs at four year institutions and will better meet the needs of our SJC students.



Teacher Education – Secondary Associate of Arts Degree

For students intending to transfer to a four-year Teacher Education program in Secondary Education. Students are strongly encouraged to check with their advisor and carefully coordinate their coursework at San Juan College with the requirements of the transfer institution. Your four year degree program may require additional pre-approved credit hours within your chosen teaching field.

Communications 12

ENGL 111 Freshman Composition	3
ENGL 211 Advanced Composition	3
SPCH 110 Public Speaking	
OR SPCH 111 Interpersonal Communication	3
ENGL 271 Intro to the Study of Lang	3 ^{TESOL}

Mathematics 8

MATH 115 Intermediate Algebra-Applications	4
MATH 251 Statistics	4

Science 12

BIOL 230 Environmental Conservation	4
Choose 8 Credit Hours:	
BIOL 121 Intro to Biology I	4
BIOL 122 Intro to Biology II	4
CHEM 111 General Chemistry I	4
CHEM 112 General Chemistry II	4
GEOL 110 Intro to Geology	4
GEOL 111 Historical Geology	4
PHYS 211/L General Physics I + lab	4
PHYS 212/L General Physics II + lab	4

History 12

HIST 121 Western Civilization to 1700	
OR HIST 122 Western Civilization from 1700	3
HIST 211 U.S. Survey to 1865	3
HIST 212 U.S. Survey from 1865	3
HIST 260 New Mexico History ^{TESOL}	3

Social Science 9

PSYC 120 Intro to Psychology	3
PSYC 230 Human Development	3
Choose One Class:	3
SOC1 110 Intro to Sociology	3
POLS 110 Intro to Political Science	3
ANTH 110 Intro to Anthropology	3
ANTH 210 Cultural Anthropology ^{TESOL}	3
(Recommended)	
ECON 251 Macroeconomics	3
ECON 252 Microeconomics	3
GEOG 145 Human Geography	3

Fine Arts 6

ARTS 110 Orientation in ARTS	3
MUSI 110 Intro to Music	3

Electives 6-8 With Departmental Approval

UNM requires a Foreign Lang. 3-4
 Spanish^{TESOL} or Navajo^{TESOL} recommended
 ASL accepted
 ENG 250 Teaching Writing^{TESOL} Recommended 3
 See advisor for list of approved courses for electives.

Total Credit Hours 65-67

This AA Degree meets the State of NM Core Requirements, will more easily transfer to Education programs at four year institutions, and will better meet the needs of our SJC students.



Teacher Education – Special Education Associate of Arts Degree

For students intending to transfer to a four-year Teacher Education program in Special Education. Students are strongly encouraged to check with their advisor and carefully coordinate their coursework at San Juan College with the requirements of the transfer institution. Your four year degree program may require additional pre-approved credit hours within your chosen teaching field.

Communications 9

ENGL 111 Freshman Composition	3
ENGL 211 Advanced Composition	3
SPCH 110 Public Speaking	
OR SPCH 111 Interpersonal Communication	3

Mathematics 7

MATH 215 Math for Elem and Middle School Teachers	3
MATH 115 Intermediate Algebra-Applications	4

Science 12

BIOL 121 Intro to Biology I	
OR BIOL 122 Intro to Biology II	4
BIOL 230 Environmental Conservation	4
Choose One:	4
PHYS 111 Intro to Physics	
CHEM 110 Intro to Chemistry	
GEOL 110 Intro to Geology	

History 12

HIST 121 Western Civilization to 1700	
OR HIST 122 Western Civilization from 1700	3
HIST 211 U.S. Survey to 1865	3
HIST 212 U.S. Survey from 1865	3
HIST 260 New Mexico History ^{TESOL}	3

Psychology 6

PSYCH 120 Intro to Psychology	3
PSYCH 230 Human Development	3

Fine Arts 6

ARTS 217 OR ARTS 110	3
MUSI 218 OR MUSI 110	3

EDUCATION 10

EDUC 115 Orientation to Teaching Career	1
EDUC 120 Intro to Teaching	3
EDUC 130 Intro to Special Ed	3
EDUC 215 Teaching with Technology	3

Electives 3-4

With Departmental Approval, and in alignment with student's intended four year transfer program. See advisor for list of approved courses for electives.

Total Credit Hours 65-66

This AA Degree meets the State of NM Core Requirements, will more easily transfer to Education programs at four year institutions, and will better meet the needs of our SJC students.

RESPIRATORY THERAPY

Associate of Applied Science

This is an associate degree program that prepares students with the knowledge, clinical and behavioral skills essential to providing competent and caring services consistent with community and employer expectations. Students acquire skills in patient assessment, clinical data evaluation, blood gas analysis, pulmonary function testing, therapeutic techniques, emergency and critical care management, pulmonary rehabilitation and home care, and other special cardiopulmonary procedures.

The Respiratory Therapy Degree Program will prepare graduates for the certification and advanced registry examinations of the National Board for Respiratory Care (NBRC). Graduates will demonstrate cognitive, psychomotor, and behavioral competencies in the practice of respiratory care.

Admission Requirements:

Admission into the program is limited and competitive. The Respiratory Therapy Admissions Scoring Criteria will be used in the selection process. An applicant must have a high school diploma or equivalent.

The criteria includes the following:

A. Prerequisites: (45%)

- BIOL 121 Introductory Biology (4)
- CHEM 110 Introductory Chemistry (4)
- MATH 114 Math for Health Careers (3)*
- ENG 110 Freshman Composition (3)
- SPCH 110 Public Speaking (3) -OR-
- SPCH 111 Interpersonal Communications (3)

*Intermediate Algebra taken by an applicant before may be considered.

B. Admissions Test (20%)

Health Occupations Admission Test (HOAT) is the prescribed admissions test. Other tests would be considered such as TEAS or HOBET. Applicants who have completed and earned an associate degree or higher are not required to take the admissions test

C. Recommendations, previous education and training, CPR, work experience and job shadowing (35%)

D. Criminal Background Check, Immunization Record/ Health Certificate and Drug Screen

Associate of Applied Science in Respiratory Therapy (AAS-RT)

Program Prerequisites			Credits
BIOL 121	Introductory Biology		4 (3+2P)
MATH 114	Math for Health Careers		3
CHEM 110	Introductory Chemistry		4 (3+2P)
ENGL 111	Freshman Composition		3
SPCH 110	Public Speaking		3 -or-
SPCH 111	Interpersonal Communication		(3)
			17
1st Semester			
COSC 125	Business Microcomputer Applications		3
BIOL 252	Human Anatomy and Physiology I		4 (3+2P)
RESP 112	Community Health & Infection Control		3
RESP 110	RT Orientation & Patient Assessment		3 (2+2P)
RESP 114	Respiratory Physics & Medical Gas Therapy		3 (2+2P)
			16
2nd Semester			
BIOL 253	Human Anatomy and Physiology II		4 (3+2P)
RESP 116	Cardiopulmonary Pharmacology		3
RESP 118	Diagnostic and Therapeutic Techniques		5 (4+2P)
ENGL 211 or 218	Advanced Composition -OR- Adv. Tech. Comp.		3
			15
3rd Semester			
RESP 126	Clinical Practicum I		5 (15P)
RESP 128	Clinical Simulation I		1 (3P)
RESP 120	Cardiopulmonary Pathophysiology		3
RESP 122	Critical Care Management		4 (3+2P)
RESP 124	Special Procedures in Respiratory Care		2
			15
4th Semester			
RESP 226	Clinical Practicum II		5 (15P)
RESP 228	Clinical Simulation II		1 (3P)
RESP 220	Respiratory Seminar I		2
RESP 222	Neonatal and Pediatric Respiratory Care		4 (3+2P)
PSYC 120	Introduction to Psychology		3
			15
5th Semester			
RESP 240	Clinical Practicum III		5 (15P)
RESP 238	Clinical Simulation III		1 (3P)
RESP 230	Respiratory Seminar II		3
RESP 232	Pulmonary Rehabilitation and Home Care		2
RESP 236	Ethics, Management and Wellness Promotion		2
			13
Total Credits:			74.0