

RADIOLOGIC TECHNOLOGY

Associate in Science

(X-RAY TECHNOLOGY)

The Radiologic Technology program offers a comprehensive curriculum leading to an AS degree and qualifications for employment in medical facilities throughout the country. Students participate in classroom instruction and clinical education in our affiliated hospitals. Program graduates must take the licensure examination required by the State of California and the certification examination given by the American Registry of Radiologic Technologists.

Prospective students must complete a separate application to the program (available in November for the following Fall entrance) in addition to the regular college application. An information meeting is held annually in November for prospective students. For more information, please call the Science and Technology Division office at 306-3291.

ASSOCIATE IN SCIENCE - RADIOLOGIC TECHNOLOGY

Core and Selective Requirements

Complete Core Courses, 61 units

	UNITS
RADT 408 Perspectives in Radiology	.5
PHYS 405 Applied Radiographic Physics	3
RADT 400 Orientation to Radiologic Technology	2
RADT 410 Radiographic Positioning	4
RADT 420 Radiographic Positioning II	3.5
RADT 415 Radiation Protection and Biology	3
RADT 430 Principles of Radiographic Film Production	3.5
RADT 435 Imaging Equipment and Quality Control	1.5
RADT 440 Advanced Imaging Modalities & Specialized Procedures	4
RADT 441 Sectional Anatomy	1.5
RADT 442 Radiographic Pathology	1.5
RADT 450 Registry Review	1.5
RADT 418, 428, 438, 448, 458, 468 Clinical Education I-VI (total approx. 2,000 hours)	31.5
Associate Degree Unit Requirements Total	61.0 *

A grade of C or better is necessary for progression in the sequence.

Students must obtain current certification in CPR for health care providers.

** and General Education coursework to meet Associate Degree requirements. Recommended that the majority of the General Education requirements for the AS degree be completed prior to entry to the program.*

Contact: Rafael Rivera, Phone: 306-3283

Email: canradtech@smccd.net

Web: www.canadacollege.edu/science/radtech

REAL ESTATE

Certificate of Completion

CERTIFICATE OF COMPLETION - REAL ESTATE SALESPERSON

Core and Selective Requirements

Complete Core Courses, 9 units

	UNITS
R.E. 100 Real Estate Principles	3
R.E. 110 Real Estate Practice	3
R.E. 141 Real Estate Appraisal	3

Certificate Unit Requirements Total

9.0 +

+ meet Certificate Program requirements listed on page 34.

SOCIAL SCIENCES

Associate in Arts - International Studies

Transfer Program - Social Science

Social science is an integrated curriculum involving the disciplines of anthropology, economics, geography, history, philosophy, political science, psychology, social science and sociology.

ASSOCIATE IN ARTS DEGREE - INTERNATIONAL STUDIES

Core and Selective Requirements

Complete Core Courses, 24.5 units

	UNITS
ANTH 110 Cultural Anthropology	3
CBOT 430 Computer Applications, Part I	1.5
ECON 100 Principles of Macro Economics	3
GEOG 150 World Regional Geography	3
HIST 101 History of Western Civilization II	3
<i>or HIST 202 United States History II</i>	
<i>or HIST 422 Modern Latin America</i>	
<i>or HIST 451 Far Eastern Civilization & Heritage I</i>	
PLSC 130 International Relations	3
PSYC 106 Psychology of Ethnic Minority Groups	3
<i>or SOCI 141 Understanding Diverse Racial/Ethnic Cultures</i>	
Languages: Two semesters of one language	5
Associate Degree Unit Requirements Total	24.5 *

TRANSFER PROGRAM - SOCIAL SCIENCE

Cañada College offers lower division coursework required for transfer in Social Science. Students should use PROJECT ASSIST (www.assist.org) to research lower division major requirements at the transfer destination(s) of their choice. Also, work with a Counselor/Advisor to determine appropriate transfer coursework.

** and required General Education coursework and electives as needed to meet the minimum 60 units required for the Associate degree*

SOCIOLOGY

Associate in Arts

Transfer Program

Both a scientific and humanistic discipline, sociology is concerned with the study of systems of social action and their interrelations. It attempts to discover the factors that determine social organization and behavior and promotes an understanding of the social world from personal problems to public issues.

ASSOCIATE IN ARTS - SOCIOLOGY

Core and Selective Requirements

Complete Core Courses, 10 units

	UNITS
SOCI 100 Introduction to Sociology	3
SOCI 105 Social Problems	3
MATH 200 Elementary Probability & Statistics	4

Selective Courses, (choose a minimum of 8 units from the following list:)

	UNITS
SOCI 141 Understanding Diverse Racial/Ethnic Cultures	3
ANTH 110 Cultural Anthropology	3
ANTH 125 Physical Anthropology	3
ECON 100 Principles of Macro Economics	3
ECON 102 Principles of Micro Economics	3
Foreign Language	5-10
PSYC 100 General Psychology	3
PSYC 110 Marriage & Relationship Choices	3

Associate Degree Unit Requirements Total **18.0 ***

TRANSFER PROGRAM - SOCIOLOGY

Cañada College offers lower division coursework required for transfer in Social Science. Students should use PROJECT ASSIST (www.assist.org) to research lower division major requirements at the transfer destination(s) of their choice. Also, work with a Counselor/Advisor to determine appropriate transfer coursework.

** and required General Education coursework and electives as needed to meet the minimum 60 units required for the Associate degree.*

SPANISH

Associate in Arts Transfer Program

The Foreign Languages Department brings to students the riches of diverse cultures of the world. Here students can participate, either vicariously through the literature they are now able to read, or directly with their new-found linguistic abilities, in heritages the totality of which comprise all mankind. Students master basic grammar and gain proficiency in understanding, speaking, reading, and writing the target language.

ASSOCIATE IN ARTS - SPANISH

Core and Selective Requirements

Complete Core Courses, choose 15–18 units from the following list:

	UNITS
SPAN 110 Elementary Spanish	5
or SPAN 111/112 Elementary Spanish I/II	3/3
SPAN 120 Advanced Elementary Spanish	5
or SPAN 121/122 Advanced Elementary Spanish I/II	3/3
SPAN 130 Intermediate Spanish	5
or Span 131/132 Intermediate Spanish I/II	3/3

Selective Courses, choose a minimum of 6–8 units from the following list

SPAN 130 Intermediate Spanish	5
or SPAN 131 Intermediate Spanish I/II	3/3
SPAN 140 Advanced Intermediate Spanish	3
SPAN 161 Readings in Spanish Literature I	3
SPAN 162 Readings in Spanish Literature II	3
HIST 100 History of Western Civilization I	3
PHIL 100 Introduction to Philosophy	3
ART 102 History of Art II	3
or ART 103 History of Art III	

Associate Degree Unit Requirements Total **21.0-26.0 ***

TRANSFER PROGRAM - SPANISH

Cañada College offers lower division coursework required for transfer with a major in Spanish. Students should use PROJECT ASSIST (www.assist.org) to research lower division major requirements at the transfer destination(s) of their choice. Also, work with a Counselor/Advisor to determine appropriate transfer coursework.

** and required General Education coursework and electives as needed to meet the minimum 60 units required for the Associate degree.*

SPEECH

Associate in Arts Transfer Program

The Speech Department at Cañada College offers classes in the two primary forms of verbal communication: public address (rhetoric), and conversation or private discourse (dialectic). The department also offers a course in Oral Interpretation of Literature (reading aloud from the printed page), which, though concerned with neither rhetoric nor dialectic, is closely related to both of those forms of verbal address. The instructors in this department emphasize the necessity of strong and logically structured argument, at the same time recognizing the primacy of humane and empathetic elements in human communication. Speech classes at Cañada College are designed to encourage students to understand and use the traditional elements and devices of good speaking, while learning how to apply that understanding to their personal speaking styles.

ASSOCIATE IN ARTS - SPEECH

Core and Selective Requirements

Complete Core Courses, 6 units

	UNITS
SPCH 100 Fundamentals of Speech Communication	3
SPCH 120 Interpersonal Communication	3

Selective Courses, choose a minimum of 12 units from the following list:

	UNITS
SPCH 111 Oral Interpretation I	3
SPCH 130 Voice and Articulation	3
SPCH 140 Group Discussion	3
ART 314 Introduction to Computer Graphics	3
BUS 103 Introduction to Business Information Systems	3
PSYC 100 General Psychology	3
ENGL 100 Reading and Composition	3
ENGL 110 Composition and Literature	3
SOCI 100 Introduction to Sociology	3
ANTH 110 Cultural Anthropology	3

Associate Degree Unit Requirements Total **18.0 ***

TRANSFER PROGRAM - SPEECH

Cañada College offers lower division coursework required for transfer in Speech. Students should use PROJECT ASSIST (www.assist.org) to research lower division major requirements at the transfer destination(s) of their choice. Also, work with a Counselor/Advisor to determine appropriate transfer coursework.

** and required General Education coursework and electives as needed to meet the minimum 60 units required for the Associate degree.*

THEATER ARTS

**Associate in Arts
Transfer Program**

**18 units*
Available**

**and required General Education coursework and electives as needed to meet the minimum 60 units required for the Associate degree.*

The Cañada College Theater Arts Department presents a program rich in depth and diversity. Students pursuing a career in the theatre arts or simply desiring creative expression, will find in the drama department, a wide array of pertinent courses, as well as an extensive opportunity to put their developing knowledge and talent to work in performing on stage, in technical work, or in both. Because the department usually produces five plays during the year, a student has the opportunity to work with at least two different directors and in plays ranging from comedy to heavily dramatic works.

The Cañada Theater Arts Department can point with satisfaction to a significant and steadily growing number of its former students who go on to professional stage, movie, and television work performing, producing, and technical and also to the many gratified amateurs.

It should be emphasized that the Theater Arts program is designed for students of all levels of experience—beginning, intermediate, and advanced.

ASSOCIATE IN ARTS - THEATER ARTS

Core and Selective Requirements

Complete Core Courses, 15 units

	UNITS
DRAM 101 History of Theatre I	3
DRAM 102 History of Theatre II (CSM)	3
DRAM 140 Introduction to the Theatre	3
DRAM 200 Theory and Practice of Acting	3
DRAM 201 Advanced Acting I	3

Selective Courses, choose a minimum of 3 units from the following list

	UNITS
DRAM 202/203 Advanced Acting II/III	3/3
DRAM 208/209/210/211 Acting Practicum I/II/III/IV	4-8
DRAM 220 Acting for the Camera	3
DRAM 300 Play Rehearsal/Performance	1
DRAM 305 Technical Production	1

TRANSFER PROGRAM - THEATER ARTS

Cañada College offers lower division coursework required for transfer in Drama. Students should use PROJECTASSIST (www.assist.org) to research lower division major requirements at the transfer destination(s) of their choice. Also, work with a Counselor/Advisor to determine appropriate transfer coursework.



UNIVERSITY STUDIES

The Associate in Arts in University Studies Degree is designed for students planning to transfer to the California State University system, the University of California system, or an independent college or university. The degree has three options and enables students to complete necessary transfer admissions requirements in combination with Cañada College Associate Degree requirements.

Completion of either option below does not guarantee admission to specific university campuses and majors.

The options below must include Associate Degree requirements in residency, scholarship, basic competency, ethnic studies, and physical education. Review the options and general outline below and work with a College Counselor to ensure completion of degree requirements.

Option 1:

California State University (CSU)

To meet the requirements for Option 1, students must complete a total of 60 semester units and those units must be CSU transferable and include either "A" or "B" below.

A: CSU GE Pattern, 39 units:

- Area A-9 units (A1, A2, A3)
- Area B-9 units (B1, B2, Lab B3, B4)
- Area C-9 units (C1, C2, C1 or C2)
- Area D-9 units
- Area E-3 units (E1, E2-limit 1 unit)

Or,

**B: IGETC for CSU, 37 units
(Require a grade of "C" or better.)**

- Area 1-9 units (1A, 1B, 1C)
- Area 2-3 units
- Area 3-9 units (3A, 3B, 3A or 3B)
- Area 4-9 units
- Area 5-7 units (5A, 5B)

Option 2:

University of California (UC)

To meet the requirements for Option 2, students must complete a total of 60 UC transferable units with at least a 2.4 GPA that includes either "A" or "B" below. All courses taken to satisfy "A" or "B" require a grade of C or better.

A: IGETC for UC, 34 to 44 units:

- Area 1-6 units (1A, 1B)
- Area 2-3 units
- Area 3-9 units (3A, 3B, 3A or 3B)
- Area 4-9 units
- Area 5-7 units (5A, 5B)
- Area 6-Language other than English.
(High school coursework may be applied.)

Or,

B: Basic UC Admissions, 21 units

- Two courses in English Comp
- One course in Mathematics
- Four courses chosen from at least two of the following areas - Arts and Humanities, Social and Behavioral Science, and Physical and Biological Science.

All courses must be UC transferable

Option 3:

Independent College or University

To meet the requirements for Option 3, students must complete a total of 60 semester units and those units must be UC or CSU transferable and include either "A" or "B" below.

A: IGETC

Complete the IGETC version - UC or CSU - that is accepted by the Independent College or University

Or,

**B: Independent College or University
GE Pattern:**

Complete a minimum of 21 units applicable to the GE pattern of the transfer institution.

See your College Counselor

Additional Associate Degree requirements require completion of:

- 2 units of PE
- Ethnic Studies
- Computer Literacy