

Certificate of Achievement Requirements

Complete all department requirements for the certificate with a cumulative grade point average (GPA) of 2.0 or better. Candidates for a Certificate of Achievement are required to complete at least 20% of the department requirements through SBCC.

Department Requirements

(Total Department Units: 53.8)

<i>Current</i> <i>Course No.</i>	<i>Previous</i> <i>Course No.</i>	<i>Title</i>	<i>Units</i>	<i>Institution &</i> <i>Course No.</i>	<i>Grade</i>	<i>Units</i> <i>(s/q)</i>	<i>Term</i>
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Program Prerequisites: Required by ARDMS Licensing Committee:

1. Completion of a two-year allied health education program that is patient-care related including but not limited to: Radiographic/Radiologic Technologist (R.T.), Respiratory Therapist (R.T.), Registered Nurse (R.N.), Occupational Therapist (O.T.), Physical Therapist (P.T.).

OR

2. Bachelor's degree

OR

3. Medical Doctor (M.D.) or Doctor of Osteopathy (D.O.) degrees from outside of the U.S., equivalent to those of the U.S. and Canada

Before entering the program, applicants will be required to complete the following:

- Anatomy (BMS 107 for 4 units at SBCC)
- Physiology (BMS 108 for 4 units at SBCC)
- Medical Terminology (AH 120 for 1 unit or HIT 135 for 3 units at SBCC)
- Patient Care in Radiography (RT 120 for 3 units at SBCC)
- Pass a physical exam and current immunizations
- Provide a current CPR card
- Pass a criminal background check
- Pass a five panel drug screen

Please Note: RT 120 (Patient Care in Radiography) is a prerequisite to DMS 182 (Clinical Experience 1).

REQUIRED CORE COURSES:

• RT 250..... (none)Prin & Appl of Cross-Sept Anatomy Imag...2.0	_____
• DMS 150 (none)Physics and Instrumentation.....3.0	_____
• DMS 155 (none)Abdominal and Small Parts Scanning3.0	_____
• DMS 156 (none)OB/GYN Scanning.....2.7	_____
• DMS 160 (none)Pathophysiology3.0	_____
• DMS 165 (none)Abdom. & Small Parts Scan. & Pathol.....2.7	_____
• DMS 170 (none)Introduction to Vascular Ultrasound.....4.0	_____
• DMS 182 (none)Clinical Experience 19.0	_____
• DMS 183 (none)Clinical Experience 29.5	_____
• DMS 184 (none)Clinical Experience 32.4	_____
• DMS 185 (none)Clinical Experience 49.5	_____
• DMS 250 (none)Sonography Interpretation.....3.0	_____

Recommended Sequence: Fall semester: RT 250, DMS 150, 155. Spring semester: DMS 156, 160, 165. Summer session: DMS 182. Fall semester: DMS 170, 183. Winter intersession: DMS 184. Second Spring semester: DMS 185, 250.

Additional Program Information

For further information, contact the Counseling Center, 965-0581, Ext. 2285, or Bruce Oda, Department Chair, 965-0581, Ext. 4374.

Associate Degrees and Certificates of Achievement (In alphabetical order) - For a complete list of programs of study (associate degrees, certificates, skills competency awards and department awards) and requirements, go to http://www.sbcc.edu/applv/degrees_certificates.php.

Accounting (AS)	Health Information Technology (AS)
Accounting/Assistant Bookkeeper IV (C)	Healthy Aging (AA)
Administration of Justice (AA/AS/C)-3 emph. avail (AS&C), 1(AA)	History (AA)
Administration of Justice for Transfer (AS-T)	History for Transfer (AA-T)
Alcohol and Drug Counseling (AA/C)	Honors (C/C with highest honors) – 2 emphases available
American Sign Language (AA)	Hospitality (AS/C)
Animation and Gaming (AA/C)	Infant/Toddler Development (C)
Anthropology (AA)	Interior Design (AA/C)
Anthropology for Transfer (AA-T)	International Business (AA/C)
Applied Photography (AA/C)	Introduction to Graphic Design (C)
Art (AA) - 2 emphases available	Journalism (AA/C)
Art History for Transfer (AA-T)	Journalism for Transfer (AA-T)
Associate Child Care Teacher (C)	Kinesiology for Transfer (AA-T)
Automotive Services & Technology (AS/C)	Law & Society (AA) - Emphasis in Criminal Justice available
Biological Sciences (AA)	Liberal Arts (AA) – Emphasis in Biomedical Sciences
Black Studies (AA)	Liberal Arts & Sciences (AA) – 3 emphases available
Business Administration (AA/C) – 3 emphases available for AA, 2 for C	Liberal Studies (AA) – Emphasis in Education
Business Administration for Transfer (AS-T)	Marine Diving Technician (AS/C)
Cancer Information Management (AS/C)	Marketing (AA/C)
Chemistry (AA)	Mathematics (AA)
Chicano Studies (AA)	Mathematics for Transfer (AS-T)
Commercial Music (C)	Media Arts (AA/C)
Communication (AA) - 2 emphases available	Medical Coding Specialist (C)
Communication Studies for Transfer (AA-T)	Middle East Studies (AA)
Computer App. & Office Mgmt (AS/C) - 2 emphases available	Music (AA)
Computer Information Systems (AS) – Emph. in System Admin. available	Native American Studies (AA)
Computer Network Engineering (AS/C)	Natural History (AA)
Computer Science (AS/C)	Nursing - ADN (AS)
Construction Technology (AS/C)	PC Support/Network Management (C)
Cosmetology (AS/C)	Philosophy (AA)
Creative Writing (C) – 2 emphases available	Philosophy for Transfer (AA-T)
Culinary Arts (AS/C)	Physical Education (AA) – Emphasis in Athletic/Personal Fitness avail.
Database Programming and Applications Development (C)	Physics (AA/AS)
Diagnostic Medical Sonography (C)	Physics for Transfer (AS-T)
Diversity Issues in ECE (C)	Political Science (AA)
Drafting/CAD (AS/C)	Political Science for Transfer (AA-T)
Early Childhood Education (AS/C)	Post-Professional Practice in ADC (C)
Early Childhood Education for Transfer (AS-T)	Psychology (AA)
Economics (AA)	Psychology for Transfer (AA-T)
Economics for Transfer (AA-T)	Radiography (AS)
Elementary Teacher Education (AA-T)	Real Estate (AS/C)
Engineering (AA/AS)	School-Age Care (C)
English (AA)	Sociology (AA)
English for Transfer (AA-T)	Sociology for Transfer (AA-T)
Environmental Horticulture (AS/C) - 4 emphases available for AS, 1 for C	Spanish (AA)
Environmental Studies (AA)	Spanish for Transfer (AS-T)
Ethnic Studies (AA)	Studio Arts for Transfer (AA-T)
Film Production (AA)	Theatre Arts (AA) - 3 emphases available
Film and Media Studies (AA)	Theatre Arts for Transfer (AA-T)
Finance (AA/C)	Transfer – CSU General Education Breadth Pattern (C)
French (AA)	Transfer – IGETC (C)
Geography (AA)	Vocational Nursing (AS/C)
Geography for Transfer (AA-T)	Wastewater Technology Education (C)
Geological Sciences (AS)	Water Technology Education (C)
Geology for Transfer (AS-T)	
Global Studies (AA)	
Graphic Design & Photography – Graphic Design Conc. (AA/C)	

Key: (AA)=Associate in Arts; (AA-T)=Associate in Arts for Transfer; (AS)=Associate in Science; (AS-T)= Associate in Science for Transfer; (C)=Certificate of Achievement



Santa Barbara City College

Diagnostic Medical Sonography

2016-17

Certificate of Achievement in Diagnostic Medical Sonography

Diagnostic Medical Sonography is an 18-month certificate program offered every 24 months. In order to enroll in this program you must have completed a two-year allied health education program that is patient care related (i.e. Radiologic Technology, Nursing or Respiratory Therapy). A bachelor's degree will also permit you to enter the program if you have fulfilled the four modified prerequisites. See **Limitation on Enrollment** information.

Careers in Diagnostic Medical Sonography

Diagnostic Medical Sonography is a technique using high frequency sound waves to image various parts of the body. Diagnosis of pathologic conditions requires that the technologist has a thorough understanding of cross-sectional anatomy, physiology, pathophysiology, and patient care.

SBCC: Your Open Door to Educational Excellence