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This catalog addendum should be used by students and staff along with the existing 2015–2016 Catalog.

Students are strongly encouraged to seek advice from the Counseling Center. Additional information and publications will be made available to students throughout the year as appropriate.

Addendum to the 2015–16 Catalog

DIGITAL MEDIA

Updated Major Section (page 105)

Meet with a CSM counselor to discuss how to achieve academic goals and to develop a comprehensive student educational plan (SEP).

University Transfer Program
60-70 transferable units

California State University
University of California
Independent Colleges and Universities

AA Associate in Arts Degree

Digital Media: Broadcast and Electronic Media . . . . 60 units
Digital Media: Digital Video Production . . . . 60 units
Digital Media: Graphic Design . . . . 60 units
Digital Media: Web Design/Multimedia . . . . 60 units

CA Certificate of Achievement

Digital Media: Graphic Production. 27 units
Digital Media: Web Design/Multimedia . . . . 21 units

CS Certificate of Specialization

Digital Media: Digital Video . . . . 9 units
Digital Media: Web Design/Multimedia . . . . 12 units

University Transfer Program

Use Assist (www.assist.org) to identify lower division major preparation for Digital Media for the California State University and the University of California systems. For independent or out-of-state colleges and universities use their catalogs to locate this information. Transfer Services can assist you to gather this information.

AA *Digital Media: Broadcast and Electronic Media (formerly Digital Media: Television Producing)*

The Broadcast and Electronic Media degree prepares students for entry level work as a media producer. This degree focuses on creating regular TV programming, writing, and producing video. Hands-on courses provide training in camera operation, news reporting, video editing and on-air talent, including voiceover and on-camera announcing.

CSM's Broadcast and Electronic Media program is helping to train the next generation of media makers, equipping them with technical skills, an ethical conscience, and an understanding of how media affects society. This 21st century program prepares students for a career in broadcasting through professional hands-on training. Students in Broadcast and Electronic Media can choose from three A.A. Degrees and four Certificates of Specialization, earn transfer credits, or just build their career skills. Students have the opportunity to explore a variety of possible career choices within the broadcasting industry: TV and video producing, directing, lighting, camera operation (in the studio and field), video editing, scriptwriting, on-air talent, audio recording and mixing, and radio programming. Students can expect rigorous training and real world projects. TV training takes place in CSM's state-of-the-art TV studio, which is located inside a full-time broadcast station, KCSM-TV. Some classes produce programming that is broadcast on KCSM, so students work on TV shows that will air in a top-ten media market. Students enrolled in radio production will produce programming for a web-based college radio station.

Upon completion of degree requirements, students will be able to:

1. Produce television segments that serve target viewers

2. Identify possible effects of media productions on audiences

Complete General Education and other requirements listed for the Associate degree and

Major Requirements: 18 semester units

A grade of "C" or higher is required for each course applied to the major.

DGME 100 Media in Society . . . . 3 units
DGME 101 Writing Across the Media . . . . 3 units
DGME 112 TV Studio Production. . . . . 3 units
DGME 113 Digital Video Production . . . . 3 units
DGME 128 On-Air Talent . . . . 3 units
DGME 118 Digital Audio Production. . . . . 3 units

AA *Digital Media: Digital Video Production*

The Digital Video Production degree prepares students for entry level work in TV and video production. This degree concentrates on broadcast level TV production and shooting and editing digital video. There are hundreds of production companies and TV stations throughout California that employ qualified directors of photography, video journalists, and video editors who have the type of training this program offers.

Upon completion of degree requirements, students will be able to:

1. Demonstrate technical proficiency in video production and postproduction,

2. Analyze the artistic and technical aspects of video productions such as composition, sound, lighting, and continuity.

Complete General Education and other requirements listed for the Associate degree and

Major Requirements: 24 semester units

A grade of "C" or higher is required for each course applied to the major.

DGME 100 Media in Society . . . . 3 units
DGME 102 Media Law and Ethics. . . . . 3 units
DGME 112 TV Studio Production. . . . . 3 units
DGME 113 Digital Video Production . . . . 3 units
DGME 118 Digital Audio Production. . . . . 3 units

DGME 120 Advanced Video and Editing . . . . 3 units

DGME 130 Lighting for Studio and Field . . . . 3 units

DGME 155 TV Production II . . . . 3 units

CS Digital Media: Digital Video

Upon completion of certificate requirements, students will be able to:

1. Use video editing to tell a story.

2. Enhance and improve video with purposeful graphics.

9 semester units

A grade of "C" or higher is required for each course applied to the certificate.

DGME 113 Digital Video Production . . . . 3 units

DGME 120 Advanced Video and Editing . . . . 3 units

DGME 143 Motion Graphics . . . . 3 units

AA Digital Media: Graphic Design

Graphic Design prepares students for entry-level work in the visual media industry. The curriculum includes basic visual literacy and visual communication skills, the complete software package necessary for employment, typography, graphic design theory and application, and production classes that provide real-world hands-on learning experiences.

The skills that graphic designers possess transcend media boundaries. They may work in print media such as publishing, advertising and package design or three-dimensional media such as environmental graphics, exhibit or display design, or signage. They may design for electronic media such as television, the web, or multimedia or they may create motion graphics and titling for film and video. They may work in information design and interface design.

They may design packaging, books, magazines, and posters, all forms of advertising, corporate communications, corporate identity, environmental and retail design, web design, education design, or nonprofit design. Their creativity and skills are necessary wherever a message and an audience meet, regardless of the media.

Upon completion of degree requirements, students will be able to:

1. Synthesize visual solutions to graphic problems by integrating information and ideas.

2. Design and produce original solutions to graphic problems using technology and software central to the graphics industry effectively.

3. Analyze, compare and contrast the effectiveness of their own original design work and the work of others.

Complete General Education and other requirements listed for the Associate degree and

Major Requirements: 31 semester units

A grade of "C" or higher is required for each course applied to the major.

DGME 103 Thinking Visually: Fundamentals of
  Two-Dimensional Design . . . . 3 units

DGME 211 Media Design I: Illustrator. . . . . 3 units

DGME 212 Media Design II: Photoshop . . . . 3 units

DGME 168 Web Design II. . . . . 3 units

DGME 220 Typography . . . . 3 units

DGME 230 Publication Design and Production
  with InDesign. . . . . 3 units

DGME 235 Graphic Design Theory and Application . . . . 4 units

DGME 240 Digital Publishing. . . . . 4 units

DGME 250 Digital Media Practicum. . . . . 3 units

DGME 255 Porfolio. . . . . 2 units

AA Digital Media: Web Design/Multimedia

Web designers are responsible for creating the look and feel of World Wide Web pages for a client's website. This involves developing an interface design that effectively communicates the ideas being promoted by the website. A web designer may take part in the initial planning of a website, meeting with the clients to discuss ideas for the layout and organization of the site, and other matters concerning the overall design and accessibility of the site. Web designers may also be involved with programming and project management.

The work environments of web designers include working for large and medium sized corporations, web design and development firms, government agencies, academic organizations, non-profit organizations, and internet companies, or working as independent web designers.

Upon completion of degree requirements, students will be able to:

1. Demonstrate web editing software

2. Differentiate and construct web graphic formats

3. Differentiate the different scripting languages

4. Evaluate the limitations of the web

5. Know legal and ethical issues

Complete General Education and other requirements listed for the Associate degree and

Major Requirements: 21 semester units

A grade of "C" or higher is required for each course applied to the major.

DGME 102 Media Law and Ethics. . . . . 3 units

DGME 167 Web Design I . . . . 3 units

DGME 168 Web Design II. . . . . 3 units

DGME 169 Web Design III: HTML5, CSS & Javascript . . . . . 3 units

DGME 165 Digital Animation . . . . 3 units

DGME 220 Typography . . . . 3 units

DGME 250 Digital Media Practicum. . . . . 3 units

CA *Digital Media: Web Design/Multimedia*

For gainful employment information, see the program's website:
collegeofsanmateo.edu/gedi/docs/dgme-ca-webdesign.htm

Upon completion of certificate requirements, students will be able to:

1. Describe design concepts at various stages of development relating to the design process and use of appropriate software.

2. Demonstrate the ability to work in teams effectively.

3. Apply critical thinking and creative problem-solving skills to a variety of design and production cases.

4. Employ theoretical knowledge, skills and attitudes to real world issues/situations.

5. Develop and evaluate student project-based learning activities.

6. Demonstrate proficiency with design processes and software tools.

21 semester units

A grade of "C" or higher is required for each course applied to the certificate.

DGME 102 Media Law and Ethics . . . . 3 units
DGME 165 Digital Animation . . . . 3 units
DGME 166 Web Authoring: ActionScript . . . . 3 units
DGME 167 Web Design I . . . . 3 units
DGME 168 Web Design II . . . . 3 units
DGME 169 Web Design III: HTML5, CSS & Javascript . . . . . . 3 units
DGME 220 Typography . . . . 3 units

CS *Digital Media: Web Design/Multimedia*

Upon completion of certificate requirements, students will be able to:

1. Describe developer concepts at various stages of development relating to the developer process and use of appropriate software.

2. Demonstrate the ability to work in teams effectively.

3. Apply critical thinking and creative problem-solving skills to a variety of developer and production cases.

4. Employ theoretical knowledge, skills, and attitudes to real world issues / situations.

5. Demonstrate proficiency with developer processes and software tools.

12 semester units

A grade of "C" or higher is required for each course applied to the certificate.

DGME 165 Digital Animation . . . . 3 units
DGME 166 Web Authoring: ActionScript . . . . 3 units
DGME 167 Web Design I . . . . 3 units
DGME 168 Web Design II . . . . 3 units

CA *Digital Media: Graphic Production*

For gainful employment information, see the program's website:
collegeofsanmateo.edu/gedi/docs/dgme-ca-graphicproduction.htm

The Graphic Production certificate prepares students for entry-level work in the visual media industry. The curriculum includes basic visual literacy and visual communication skills, the complete software package necessary for employment, typography, graphic design theory and application, and production classes that provide real-world hands-on learning experiences.

Graphic production is required in print media such as publishing, advertising and package design and in three-dimensional media such as environmental graphics, exhibit or display design, or signage. Graphic production is also a part of electronic media such as television, the web, or multimedia including motion graphics and titling for film and video.

Upon completion of certificate requirements, students will be able to:

1. Create original graphic design / web design projects using comprehensive production and business techniques.

2. Create an original portfolio in order to pursue employment or college transfer opportunities.

3. Collaborate effectively with project team members and industry professionals.

4. Demonstrate a holistic understanding and practical ability to complete an industry standard graphic design / web design project from inception to completion.

27 semester units

A grade of "C" or higher is required for each course applied to the certificate.

DGME 211 Media Design I: Illustrator . . . . 3 units
DGME 212 Media Design II: Photoshop . . . . 3 units
DGME 213 Media Design III: Advanced
               Illustrator and Photoshop . . . . 3 units
DGME 220 Typography . . . . 3 units
DGME 230 Publication Design/Production with InDesign . 3 units
DGME 168 Web Design II . . . . 3 units
DGME 240 Digital Publishing . . . . 4 units
DGME 250 Digital Media Practicum . . . . 3 units
DGME 255 Portfolio . . . . 2 units

ELECTRONICS TECHNOLOGY

AS *Industrial Electronics Technology*

New Degree Addition

The Industrial Electronics Technology program at CSM prepares a student for entry-level employment as an electronics technician. Entry-level employment opportunities exist in many segments of the electronics industry in the greater Bay Area. Companies involved with circuit assembly and fabrication; installation, and support for food and pharmaceuticals processing, public utilities; component manufacturing; high-technology transportation; aerospace systems; automated process control; alternative energy and bio-tech all offer program graduates opportunities for entry-level employment.

Career opportunities in Electronics include work as an engineering aide, a technician, or a system operator. These individuals are involved with manufacturing, assembly, repair, upgrades, and service of a wide range of products or electrical systems. Electronics is the pathway to the future in Northern California, with increasing demands to modify and update the current infrastructure of the electrical generation and transmission capabilities, integration of alternative energy sources and future technical needs of society, job growth is expected over the next decade.

Upon Completion of Degree requirements, students will be able to:

1. Demonstrate basic and advanced electronic fundamentals.

2. Demonstrate the use and operation of test equipment (DVM's, Frequency Generators, Oscilloscopes) when analyzing both AC and DC circuits.

3. Understand power systems and power factor as it relates to AC power transmission and generation.

4. Demonstrate the ability to program and operate a programmable logic controller.

5. Demonstrate an understanding of environmental measurement and sensory read back data to control and operate power or mechanical systems.

6. Demonstrate and understand remote and direct Industrial data communications.

7. Demonstrate and utilize hydraulic, pneumatic and vacuum systems in an industrial setting.

Complete General Education and other requirements listed for the Associate degree and

Major Requirements: 35 semester units

A grade of "C" or higher is required for each course applied to the major.

ELEC 111 Introduction to Electronics Fundamentals . . . . . . 3 units
ELEC 112 Advanced Electronics Fundamentals . . . . 3 units
ELEC 231 Basic Applied Electronics Mathematics . . . . 2 units
ELEC 232 Advanced Electronics Mathematics . . . . 1 unit
ELEC 405 Transformers and Rotating Machinery . . . . 2 units
ELEC 421 Fundamentals of Electric Motor Control . . . . 4 units
ELEC 422 Introduction to Programmable Logic Controllers 4 units
ELEC 424 Hydraulic, Pneumatic and Vacuum Power Systems
4 units
ELEC 441 Sensors and Data Transmission Systems . . . . 4 units
ELEC 442 Electronic and Pneumatic Process Control Systems
4 units
ELEC 445 Industrial Data Communications Systems . . . . . 4 units

HISTORY

Updated Degree Requirements (page 122)

Meet with a CSM counselor to discuss how to achieve academic goals and to develop a comprehensive student educational plan (SEP).

**University Transfer Program
60–70 transferable units**

California State University
University of California
Independent Colleges and Universities

AA-T Associate in Arts Degree for Transfer/SB1440

History . . . . 60 CSU
transferable units

University Transfer Program

Use Assist (www.assist.org) to identify lower division major preparation for the California State University and the University of California systems. For independent or out-of-state colleges and universities use their catalogs to locate this information. Transfer Services can assist you to gather this information.

AA-T *History*

The AA-T major in History prepares students for transfer into bachelor's degree programs in history and similar areas.

History course work in general is helpful to the student who intends to eventually pursue graduate studies in such diverse fields as history, education, and law. Most career opportunities associated with this discipline require the minimum of a B.A. degree. Some business firms and government agencies seek persons with a broad overview and perspective of historical phases and processes of change.

In addition to a career as a historian, career possibilities include anthropologist, antique dealer, archivist, attorney, book dealer, correspondent, customs inspector, college administrator/professor, foreign service officer, fund raiser, librarian, museum curator/technician, news editor, researcher/ research analyst, theologian/clergy member, title examiner, and writer.

Upon completion of degree requirements, students will be able to:

1. Evaluate the evidence, ideas, and models needed to perceive how people(s) have related to each other in specific historical contexts and over discrete periods of time.

2. Read, write, and speak critically, mastering how to make informed historical judgments based on existing evidence.

3. Comprehend the historical and social context of major political, intellectual, religious, economic, and cultural developments in the area/time relevant to the course.

Major requirements: 18 semester units.

Complete General Education and major requirements as noted be-

low. A grade of "C" or higher is required for each course applied to the major. Major course requirements may also be applied to meet general education requirements.

Required Core (12 units):

HIST 100 History of Western Civilization I . . . . 3 units
HIST 101 History of Western Civilization II . . . . 3 units
HIST 201 United States History I . . . . 3 units
HIST 202 United States History II. . . . . 3 units

Plus, two courses, one from each group (6 units):

Group A: Any diversity course defined as:

ETHN 101 Latin American and Indigenous
Peoples History and Culture . . . . 3 units
ETHN 103 Asian Pacific American History and
Cultural Experience . . . . 3 units
ETHN 104 Asian Pacific Islanders in United States
History and Culture . . . . 3 units
ETHN 105 African American History and Culture. . . . . 3 units
SPAN 110 Elementary Spanish . . . . 5 units
SPAN 111 Elementary Spanish I. . . . . 3 units
SPAN 112 Elementary Spanish II . . . . 3 units
SPAN 120 Advanced Elementary Spanish . . . . 5 units
SPAN 121 Advanced Elementary Spanish I. . . . . 3 units
SPAN 122 Advanced Elementary Spanish II. . . . . 3 units
CHIN 111 Elementary Chinese I. . . . . 3 units
CHIN 112 Elementary Chinese II . . . . 3 units
CHIN 121 Advanced Elementary Chinese I. . . . . 3 units
CHIN 122 Advanced Elementary Chinese II. . . . . 3 units
CHIN 131 Intermediate Chinese I . . . . 3 units
CHIN 132 Intermediate Chinese II . . . . 3 units

Group B: Any history course or any non-history course from the humanities or social sciences related to history articulated as fulfilling CSU GE Area C or D or any introductory level social science course articulated as fulfilling CSU GE Area D:

HIST 102 History of American Civilization . . . . 3 units
HIST 310 California History. . . . . 3 units
ADMJ 100 Introduction to the Criminal Justice System. . . . 3 units
ANTH 110 Cultural Anthropology . . . . 3 units
ANTH 180 Magic, Science and Religion. . . . . 3 units
BUS. 125 International Business. . . . . 3 units
COMM 130 Interpersonal Communication . . . . 3 units
ECON 100 Principles of Macroeconomics . . . . 3 units
ECON 102 Principles of Microeconomics. . . . . 3 units
GEOG 110 Cultural Geography . . . . 3 units
GEOG 150 World Regional Geography. . . . . 3 units
PLSC 100 Introduction to Political Science . . . . 3 units
PSYC 100 General Psychology . . . . 3 units
PSYC 105 Experimental Psychology . . . . 3 units
PSYC 110 Courtship, Marriage, and the Family . . . . 3 units
PSYC 200 Developmental Psychology. . . . . 3 units

PSYC 201 Child Development . . . . 3 units

PSYC 220 Introduction to Psychobiology . . . . 3 units

PSYC 225 Theories of Personality . . . . 3 units

PSYC 300 Social Psychology . . . . 3 units

PSYC 410 Abnormal Psychology . . . . 3 units

SOCI 100 Introduction to Sociology . . . . 3 units

SOCI 105 Social Problems . . . . 3 units

SOCI 110 Courtship, Marriage and the Family . . . . 3 units

SOCI 141 Race and Ethnic Relations . . . . 3 units

DGME 100 Media in Society . . . . 3 units

DGME 102 Media Law and Ethics . . . . 3 units

General Education requirements:

Select courses to complete CSU General Education OR IGETC for CSU. This degree does not require the CSM AA/AS General Education pattern on pages 69 & 70.

CSU GE:

Area A1 Oral Communication . . . . 3 units

Area A2 Written Communication . . . . 3 units

Area A3 Critical Thinking . . . . 3 units

Area B1 Physical Science . . . . 3 units

Area B2 Life Science . . . . 3 units

Area B3 Science Lab . . . . 1 unit

Area B4 Math Concepts . . . . 3 units

Area C1 Arts . . . . 3 units

Area C2 Humanities . . . . 3 units

Area C1 or C2 . . . . 3 units

Area D Social, Political, and Economic Institutions . . . . 9 units

Area E Lifelong Understanding . . . . 3 units

OR

IGETC/CSU:

Area 1A English Composition . . . . 3 units

Area 1B Critical Thinking/Composition . . . . 3 units

Area 1C Oral Communication . . . . 3 units

Area 2 Math Concepts . . . . 3 units

Area 3A Arts . . . . 3 units

Area 3B Humanities . . . . 3 units

Area 3A or 3B . . . . 3 units

Area 4 Social and Behavioral Science . . . . 9 units

Area 5A Physical Science . . . . 3 units

Area 5B Biological Science . . . . 3 units

Area 5C Science Lab - Either 5A or 5B must
    have a lab component . . . . 1 unit

Electives:

Additional CSU transferable courses based on student interest to reach 60 units total.

MUSIC

AA-T *Music*

New Degree Addition

The College of San Mateo Music Department provides a creative environment where every student may become enriched through an active association with the art of music and a faculty who are active in the music profession. The Music Department places strong emphasis upon performance as well as harmony, ear training, and composition, thus providing students with a strong musical foundation. The Associate in Arts in Music for Transfer offers students the opportunity to attain the basic skills and knowledge required for further undergraduate study and careers in music. It is intended to provide an expedited path for transfer into the CSU system for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing an Associate in Arts in Music for Transfer are guaranteed admission to the CSU system, but not to a particular campus or major. Students transferring to a CSU campus that accepts the Associate in Arts in Music for Transfer will be required to complete no more than 60 units after transfer to earn a bachelor's degree. This degree may not be the best option for students intending to transfer to a particular CSU campus, or a college or university that is not part of the CSU system, or those who do not intend to transfer. Students should consult with a College of San Mateo counselor when planning to complete the degree for further information on university admissions and transfer requirements. To earn an AA-T degree, students must meet the following requirements:

A. Complete a minimum of 60 CSU transferable units;

B. Earn a minimum grade point average (GPA) of at least a 2.0 in all CSU transferable coursework;

C. Complete a minimum of 18 units in an "AA-T" major. Note: All courses in the major must be completed with a grade of "C" or better. A "P" (Pass) grade is not an acceptable grade for the courses in the major.

D. Completion of the California State University General Education-Breadth (CSU GE Breadth) or the Intersegmental General Education Curriculum (IGETC) pattern.

Career Opportunities:

Career opportunities include: accompanist; arranger; composer; conductor; critic; band, orchestra or recording musician; lyricist; performing instrumentalist; music director; private music instructor; music producer; music publisher; music therapist; recording engineer; and teacher/professor. Additional career possibilities include choir director, music librarian, music minister, piano tuner, professional manager, recreation specialist, and soloist.

Program Learning Outcomes:

Upon Completion of Degree requirements, students will be able to:

• Gain basic technical proficiency and demonstrate artistic growth in musical performance on a given instrument and/or voice in both a solo and ensemble context, enabling self expression and

musical communication.

• Demonstrate practical knowledge of the underlying structures of voice leading and harmony throughout the common practice period in western music through written composition and analysis.

• Demonstrate fluency in audiation such as sight singing, rhythmic execution, and harmonic, melodic and rhythmic dictation.

Required Core: 20 units

MUS. 111 Musicianship I . . . . .1 unit
MUS. 112 Musicianship II. . . . . .1 unit
MUS. 113 Musicianship III . . . . .1 unit
MUS. 114 Musicianship IV . . . . .1 unit
MUS. 131 * Harmony I . . . . .3 units
MUS. 132 Harmony II. . . . . .3 units
MUS. 133 Harmony III . . . . .3 units
MUS. 134 Harmony IV . . . . .3 units
MUS. 501 Studio Lessons I (Applied Music I) . . . . .1 unit
MUS. 502 Studio Lessons II (Applied Music II). . . . . .1 unit
MUS. 503 Studio Lessons III (Applied Music III). . . . . .1 unit
MUS. 504 Studio Lessons IV (Applied Music IV) . . . . .1 unit

Select 4 units from the following:
(Ensemble courses may be taken four times)

MUS. 430 Symphonic Band . . . . .1 unit
MUS. 452 Repertory Jazz Band. . . . . .1 unit
MUS. 470 Concert Choir . . . . .1 unit

General Education requirements: Select courses to complete CSU General Education (CSU GE) or IGETC/CSU. This degree does not require the CSM AA/AS General Education pattern.

CSU GE:

Area A1 Oral Communication . . . . .3 units
Area A2 Written Communication . . . . .3 units
Area A3 Critical Thinking . . . . .3 units
Area B1 Physical Science. . . . . .3 units
Area B2 Life Science . . . . .3 units
Area B3 Science Lab . . . . .1 unit
Area B4 Math Concepts . . . . .3 units
Area C1 Arts . . . . .3 units
Area C2 Humanities. . . . . .3 units
Area C1 or C2 . . . . .3 units
Area D Social, Political, and Economic Institutions . . . . . . .9 units
Area E Lifelong Understanding . . . . .3 units
OR

IGETC/CSU:

Area 1A English Composition . . . . .3 units
Area 1B Critical Thinking/Composition . . . . .3 units
Area 1C Oral Communication . . . . .3 units

Area 2 Math Concepts. . . . . .3 units
Area 3A Arts . . . . .3 units
Area 3B Humanities. . . . . .3 units
Area 3A or 3B . . . . .3 units
Area 4 Social and Behavioral Science . . . . .9 units
Area 5A Physical Science . . . . .3 units
Area 5B Biological Science . . . . .3 units
Area 5C Science Lab - Either 5A or 5B
        must have lab component . . . . .1 unit

Electives: Additional CSU transferable courses based on student interest to reach 60 units total.

*Mus. 131 will be double counted to apply to meet general education requirement C1.

NURSING – REGISTERED NURSING PROGRAM

Updated Degree Requirements (page 136)

Meet with a CSM counselor to discuss how to achieve academic goals and to develop a comprehensive student educational plan (SEP).

University Transfer Program
60 – 70 transferable units

California State University
University of California
Independent Colleges and Universities

AS ## Associate in Science Degree

Nursing . . . . 78.5–79.5 units

Recommended high school preparation:

Coursework in Biology, Chemistry, Anatomy, English, Mathematics, Psychology

University Transfer Program

Use Assist (www.assist.org) to identify lower division major preparation for the California State University and the University of California systems. For independent or out-of-state colleges and universities use their catalogs to locate this information. Transfer Services can assist you to gather this information.

Nursing Program Admissions Requirements

Go to the CSM Nursing Program web site for the current admissions information (collegeofsanmateo.edu/nursing). At this site print
the Nursing Program Information Sheet and the Nursing Articulation Grid for detailed information about admissions requirements and processes. You may also contact the Nursing Department, (650) 574-6218.

AS ### *Nursing*

The College of San Mateo Nursing Program provides students with opportunities for learning at the College, local hospitals, and related health agencies. Clinical practice begins early in the first semester. Upon graduation, the candidate receives an Associate in Science degree and is eligible to take the National Council Licensing Exam (NCLEX). The graduate is also eligible to transfer to a four-year nursing program.

Career opportunities are available in hospitals, physician's offices, clinics, labs, nursing and personal care facilities, public health and other government agencies, educational services, health and allied services, outpatient care facilities. Many nurses specialize in areas such as cardiac care, geriatrics, intensive care, obstetrics, pediatrics, and surgery. Specific career opportunities include nursing administrator, clinic nurse, critical care nurse, emergency department nurse, flight nurse, home health nurse, hospital staff nurse, industrial nurse, medical researcher, nurse anesthetist, nurse midwife, nurse practitioner, office nurse, public health nurse, school nurse, and teacher/educator.

Upon completion of degree requirements, students will be able to:

1. Apply nursing methods, protocols and procedures to appropriate care situations

2. Use the nursing process, which emphasizes critical thinking, independent judgment and continual evaluation as a means to determine nursing activities

3. Utilize theory and knowledge from nursing, the physical/behavioral sciences and the humanities in providing nursing care.

4. Identify and assess the healthcare needs of patients/clients using the tools/framework appropriate to the clinical setting

5. Document and evaluate the outcome of nursing and other interventions and communicate to team members

6. Prioritize care-delivery on an ongoing basis

7. Work in partnership with patients, clients, and caregivers

8. Engage in and disengage from therapeutic relationships through the use of effective interpersonal and counseling skills

9. Provide compassionate, culturally sensitive care to clients in a variety of settings

10. Adhere to the ANA Code of Ethics for nurses, treating patients as unique whole individuals with specific needs, desires, and abilities

11. Describe current legal and professional standards for nurses in relation to common clinical problems

12. Practice in a manner that respects patient confidentiality and adheres to HIPAA.

13. Appraise own professional performance accurately. Evaluate their professional learning needs and take steps to meet them

Complete General Education and other requirements listed for the Associate degree and

Major requirements: 78.5–79.5 semester units

A grade of "C" or higher is required in each course applied to the major.

NURS 211 Introduction to Nursing .4.5 units
NURS 212 Concepts of Homeostasis in Nursing . . . . 4.5 units
NURS 221 Pediatric Nursing. . . . . 4.5 units
NURS 222 Maternity Nursing . . . . 4.5 units
NURS 225 Nursing Skills Lab II . . . . 0.5 unit
NURS 231 Psychiatric Nursing . . . . 5 units
NURS 232 Medical/Surgical Nursing. . . . . 5 units
NURS 235 Nursing Skills Lab III. . . . . 0.5 unit
NURS 241 Advanced Medical/Surgical Nursing. . . . . 5 units
NURS 242 Leadership/Management in Nursing . . . . 5 units
NURS 245 Nursing Skills Lab IV . . . . 0.5 unit
NURS 816 Open Lab for Nursing 211/212. . . . . 0.5 unit
NURS 817 Open Lab for Nursing 221/222 . . . . 0.5 unit
NURS 818 Open lab for Nursing 231/232. . . . . 0.5 unit
NURS 819 Open Lab for Nursing 241/242 . . . . 0.5 unit

MATH 120 Intermediate Algebra . . . . 5 units

OR

MATH 122 Intermediate Algebra I . . . . 3 units

AND

MATH 123 Intermediate Algebra II . . . . 3 units

CHEM 410 Health Science Chemistry I . . . . 4 units

BIOL 240 General Microbiology . . . . 4 units

BIOL 250 Human Anatomy . . . . 4 units

BIOL 260 Human Physiology. . . . . 5 units

PSYC 100 General Psychology . . . . 3 units

PSYC 200 Developmental Psychology . . . . 3 units

SOCI 100 Introduction to Sociology . . . . OR

ANTH 110 Cultural Anthropology . . . . 3 units

COMM 110 Public Speaking . . . . OR

COMM 130 Interpersonal Communication . . . . OR

COMM 140 Small Group Communication . . . . OR

COMM 150 Intercultural Communication . . . . 3 units

ENGL 100 Composition and Reading . . . . 3 units

Pre-admissions major requirements 37–38 units

MATH 120 or MATH 122 and 123 . . . . 5-6 units

CHEM 410 Health Science ChemistryI. . . . . 4 units

BIOL 240 General Microbiology . . . . 4 units

BIOL 250 Human Anatomy . . . . 4 units

BIOL 260 Human Physiology . . . . 5 units

ENGL 100 Composition and Reading . . . . 3 units

PSYC 100 General Psychology . . . . 3 units

PSYC 200 Developmental Psychology . . . . 3 units

SOCI 100 Introduction to Sociology. . . . . OR

ANTH 110 Cultural Anthropology . . . . 3 units

COMM 110 Public Speaking. . . . . OR

COMM 130 Interpersonal Communication . . . . OR

COMM 140 Small Group Communication . . . . OR

COMM 150 Intercultural Communication . . . . 3 units

Other Major requirements once accepted into the program 41.5 units

NURS 211 Introduction to Nursing . . . . 4.5 units

NURS 212 Concepts of Homeostasis in Nursing . . . . 4.5 units

NURS 221 Pediatric Nursing. . . . . 4.5 units

NURS 222 Maternity Nursing . . . . 4.5 units

NURS 225 Nursing Skills Lab II . . . . 0.5 unit

NURS 231 Psychiatric Nursing . . . . 5 units

NURS 232 Medical/Surgical Nursing. . . . . 5 units

NURS 235 Nursing Skills Lab III . . . . 0.5 unit

NURS 241 Advanced Medical/Surgical Nursing. . . . . 5 units

NURS 242 Leadership/Management in Nursing . . . . 5 units

NURS 245 Nursing Skills Lab IV. . . . . 0.5 units

NURS 816 Open Lab for Nursing 211/212. . . . . 0.5 unit

NURS 817 Open Lab for Nursing 221/222 . . . . 0.5 unit

NURS 818 Open Lab for Nursing 231/232 . . . . 0.5 unit

NURS 819 Open Lab for Nursing 241/242. . . . . 0.5 unit

Students interested in an LVN upgrade through the ADN plan or 30 Unit Option should call the Nursing Department for additional information. Students who wish to transfer into the nursing program or challenge nursing courses should also call the Nursing Department.

To comply with SB 139, students accepted into the nursing program who have completed a bachelor's degree at a college or university in the United States that is accredited by an agency approved by the SMCCCD do not need to complete CSM prescribed general education courses. Only major courses listed above are required for the ADN degree for students with a bachelor's degree.

Requirements for R.N. Licensing Exam:

1. Graduation from high school or equivalent

2. All major requirements listed

3. If an individual has been convicted of a crime, he or she should contact the Board of Registered Nursing regarding eligibility for licensure. Candidates are reviewed on a case by case basis.