

PWM 56 Parks and Landscape Management (3)
2½ hours lecture-1½ hours laboratory
 Survey of parks and landscape management, operations, and maintenance techniques in various parks and landscapes. Content will include the principles of parks and landscape management, design, construction, maintenance and operations, public parks, landscape management and administration principles. Specific topics will include turf, landscape, park equipment, pesticide use, park facilities, trails design and construction, irrigation system design and maintenance, installation, and maintenance practices for basic elements of landscape irrigation systems, and playground design and maintenance.

PWM 57 Plan Interpretation and Cost Estimating (3)
3 hours lecture
Recommended preparation: A minimum grade of 'C' in MATH 15
 Provides a basic introduction into reading and interpreting construction plans related to public works and street improvement projects. Will provide the student with the fundamental understanding of how construction plans relate to actual construction and how to use the plans to determine the quantity of materials needed to complete the work proposed on the plans and to estimate a cost for the completion of the work.

PWM 58 Discharge Compliance Fundamentals (3)
3 hours lecture
 Study of regulatory discharge compliance fundamentals of the Regional Water Quality Control Board point source and non-point source permitting process. Course study includes collection systems, storm water, and recycled water permit and reporting compliance.

PWM 125 Supervision (3)
3 hours lecture
Note: Cross listed as WTE 125/WWT 125
 Managerial aspects of public utilities including organization, decision making, coordination, communication, and public relations. Personnel management including recruiting, training, evaluation, discipline, promotion, morale, and grievances. Safety programs and encouraging safe conditions, actions and attitudes.

Radio and Television (RTV)

See also Communications

Contact the Communications Department for further information, (760) 744-1150, ext. 2440

Associate in Arts degree requirements, Certificate of Achievement requirements, and Certificate of Proficiency requirements are listed in Section 6 (green pages) of the catalog.

PROGRAMS OF STUDY

Digital Media

Digital Media encompasses digital video editing in both analog and digital media. The certificate prepares students for employment in the film, video, Internet, and television industries. Major growth in this industry is anticipated as Internet and television merge into one medium.

CERTIFICATE OF PROFICIENCY

Program Requirements	Units
CINE/RTV 125 or Beg Film/Video Field Production	
GCIP/	
R GCIP 140 Digital Imaging/Photoshop I	3
GCMW 204 Motion Graphics for Multimedia	3
GCMW 205 Digital Video for Multimedia	3
RTV 270 Computer Video Editing	3
RTV 275 Avid Editing for Television & Film	3
TOTAL UNITS	15

Digital Media Certificate of Achievement is also listed under Graphic Communications - Multimedia and Web.

Digital Video

Digital Video encompasses editing and design in using both digital and analog media. This degree prepares students for employment in the film, video, Internet, and television industries.

A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements	Units
GCIP/	
R GCIP 140 Digital Imaging/PhotoShop I	3
GCMW 165 Digital Video Design	3
GCMW 204 Motion Graphics for Multimedia	3
GCMW 205 Digital Video for Multimedia	3
RTV/CINE 125 Beg Film/Video Field Production	3
RTV 230 Digital Audio with Pro Tools	3
RTV 270 Digital Video Editing	3
RTV 275 Avid Editing for Television and Film	3
Electives (2 courses minimum required, 6 units total)	Units
ARTI 246 Digital 3D Design and Modeling	3
ARTI 247 Digital 3D Design and Animation	3
DT 180 3D Studio Max-Intro to 3D Modeling/Animation	3
GCIP/	
R GCIP 152 Desktop Publishing/Illustrator I	3
GCIP 240 Digital Imaging/PhotoShop III	3
GCMW/	
R GCMW 101 Multimedia I	3
GCMW 201 Multimedia II	3
GCMW 203 Web Multimedia	3
GCMW 108 Web Motion Graphics I	3
GCMW 208 Web Motion Graphics II	3
RTV 50 Basic Television Acting	1
RTV 110 Broadcast Writing and Producing	3
RTV/ENTT 120 Digital Television Production	3
RTV 150 Performance and Acting for Broadcast and Film	3
RTV 170 Introduction to Video Editing	3
RTV/CINE 225 Intermediate Film and Video Field Production	3
TOTAL UNITS	30

Digital Video A.A. Degree Major or Certificate of Achievement is also listed under Graphic Communications - Multimedia and Web.

Entertainment Technology

This program will prepare students for employment in the fields of entertainment technologies at entry level. The areas of potential employment include theme parks, casinos, cruise ships, concerts, gallery display and design, event installations, live event technical support, and theatre venues providing non-theatre related events. Basic rigging and production safety will be a component of this program.

CERTIFICATE OF ACHIEVEMENT*

Program Requirements	Units
CSIS 108 Hardware and O.S. Fundamentals	3
ENTT 100 Introduction to Entertainment Technology	1
ENTT/RTV 103 Introduction to Audio-Visual Systems	3
ENTT/TA 105 Introduction to Technical Theatre	2.5
ENTT/TA 107 Lighting for Stage and Television	3
ENTT/TA 112 Entertainment Audio Production	3
ENTT/RTV 130 Radio Production	3
TA 197D Stage Crew Workshop	2
TA 297 or Experimental Topics in Theatre	
ENTT/RTV 294B Television Internships/Production	1
Electives (Select 11 units)	
ENTT/RTV 294B Television Internships/Production	1,2,3
FASH 126 Fashion Show Presentation	1
FASH 135 Basic Sewing Construction	3

FASH 139	Pattern Making/Fashion Design	3
RTV 100	Introduction to Radio/TV	3
RTV 230	Digital Audio with Pro Tools	3
TA 106	Elementary Stage Costume	3
TA/ENTT 108	Stagecraft and Scene Design for Theatre and TV	3
TA 109	Elementary Stage Make-Up	3
TA 111	Technical Theatre Production	.5
TA 170	Computer Aided Drafting for Theatre	3
TA 297	Experimental Topics in Theatre	1-3
WELD 100	Welding I	3

TOTAL UNITS 32.5

Entertainment Technology Certificate of Achievement also listed in Entertainment Technology and in Theatre Arts.

*Entertainment Technology Certificate of Achievement pending approval by the California Community Colleges System Office at the time of catalog publication.

Radio and Television

Provides entry-level skills in the field of digital radio and television broadcasting.

A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements	Units	
CINE/RTV 125	Beg Film/Video Field Production	3
CINE/RTV 225	Intermediate Film/Video Field Production	3
ENTT/TA 107	Lighting for Stage and Television	3
ENTT/		
RTV 294B or	Television Internship/Production	
RTV 294A	Radio Programming Projects	1
ENTT/RTV 120	Digital Television Production	3
ENTT/RTV 130	Radio Production	3
RTV 100	Introduction to Radio and TV	3
RTV 110	Broadcast Writing and Producing	3
RTV 160	Broadcast Advertising	3
RTV 220 or	TV Production and Direction	
RTV 230*	Digital Audio with Pro Tools	3
RTV 240	Television News	4

Electives (Select 6 units, maximum 6 units from RTV 194A, 194B, 294A, and 294B)

RTV 100L	Introduction to Radio and Television Lab.	1
RTV 101	History of Prime-Time TV	3
RTV/ENTT 103	Introduction to Audio-Visual Systems	3
RTV/CINE 115	Creative Writing for TV/Cinema	3
RTV 135	Beginning Radio Station Operations	1,2,3
RTV 136	Advanced Radio Station Operations	1,2,3
RTV 140	Radio News	3
RTV 150	Performance/Acting for Broadcast/Film	3
RTV 170	Introduction to Video Editing	3
RTV 180	Sports Broadcasting	3
RTV 194A	Radio Operations	1,2,3
RTV 194B	Exp Topics/TV Operations	1,2,3
RTV 230	Digital Audio with Pro Tools	3
RTV 245	Advanced TV News	3
RTV 270	Digital Video Editing	3
RTV 275	Avid Editing for Television and Film	3
RTV 294A	Radio Programming Projects	1,2,3
RTV/ENTT 294B	Television Internships/Production	1,2,3
TA/ENTT 108	Stagecraft and Scene Design for Theatre and Television	3

TOTAL UNITS 38

* Students who are not planning to transfer to a four-year university and who have a radio emphasis may substitute RTV 230 for RTV 220.

COURSE OFFERINGS

Courses numbered under 100 are not intended for transfer credit.

RTV 50 Basic Television Acting (1)

3 hours laboratory

Note: May be taken 3 times

Practice and performance in the basics of television acting. Special emphasis on movement for the camera, emotion, gestures, voice, techniques to copy interpretation, audition processes, agent and industry information. Prepares the actor for basic television acting through a variety of on-camera exercises and final productions.

RTV 100 Introduction to Radio and TV (3)

3 hours lecture

Transfer acceptability: CSU

A survey of American broadcasting, its development, impact and influence on our society; basic principles, mass communication theory, station operation programming, advertising, rating services, cable television, regulation, and censorship; in depth analysis of current issues and developments.

RTV 100L Introduction to Radio and Television Laboratory (1)

3 hours laboratory

Transfer acceptability: CSU

Practice in use of radio and television studio equipment. Designed for students who are not Radio Television majors.

RTV 101 History of Prime-Time TV (3)

3 hours lecture

Note: May not be taken for Credit/No Credit grading

Transfer acceptability: CSU

An aesthetic study of television as a theatrical medium. Considers television as the theater for the mass audience. TV programs will be screened and analyzed as to their creative theatrical components; impact on American culture. Also Basic techniques unique to the television medium will be examined and discussed.

RTV 103 Introduction to Audio-Visual Systems (3)

6 hours lecture/laboratory

Note: Cross listed as ENTT 103

Transfer acceptability: CSU

Provides a theoretical and practical foundation in temporary and permanent video and audio systems technology for entertainment applications such as theatre, corporate events, hotel/ballroom A/V work, theme parks, museums and other related applications.

RTV 110 Broadcast Writing and Producing (3)

6 hours lecture/laboratory

Transfer acceptability: CSU

Creating and developing ideas and materials for broadcast. Problems of timing, pacing, visualization, and expression. Techniques of scripting for radio and television.

RTV 115 Creative Writing for Television and Cinema (3)

3 hours lecture

Note: Cross listed as CINE 115

Transfer acceptability: CSU

Instruction and practice in the art of dramatic script writing. Emphasis is placed on the development of the initial story idea into a viable, professional shooting script for television or film.

RTV 120 Digital Television Production (3)

6 hours lecture/laboratory

Note: Cross listed as ENTT 120

Transfer acceptability: CSU

The terminology, practices, and aesthetic considerations of visual and sound productions. Principles of producing, staging, shot composition, directing, blocking, graphics, studio techniques, and lighting, for television.

RTV 124 Staging and Lighting for Television (3)

6 hours lecture/laboratory

Transfer acceptability: CSU

A study of the aesthetic considerations and technical practices in sets and graphics design, staging, and lighting for television and film.

- RTV 125 Beginning Film and Video Field Production (3)**
6 hours lecture/laboratory
Note: Cross listed as CINE 125
Transfer acceptability: CSU; UC – CINE/RTV 125 and 225 combined: maximum credit, one course
 A study of the basic techniques of field production using Super 8 or 16mm film or analog or digital video equipment as applied to various cinematic forms. The student will work with a team on a project through the preproduction, shooting, and postproduction phases of storytelling for the screen.
- RTV 130 Radio Production (3)**
6 hours lecture/laboratory
Note: Cross listed as ENTT 130
Transfer acceptability: CSU
 Techniques and theories of audio production in the preparation of radio programs. Use of audio mixing and recording equipment, editing and dubbing, microphone techniques and program construction. Several programs produced by the student will be broadcast on radio station KKSM.
- RTV 135 Beginning Radio Station Operations (1,2,3)**
3, 6, or 9 hours laboratory
Prerequisite: RTV/ENTT 130
Corequisite: RTV 294A
Note: May be taken 4 times
Transfer acceptability: CSU
 Introduction to radio station operations and audio production skills along with practical exercises using broadcast equipment and techniques.
- RTV 136 Advanced Radio Station Operations (1,2,3)**
3, 6, or 9 hours laboratory
Prerequisite: RTV 130/ENTT 130
Corequisite: RTV 294A
Note: May be taken 4 times
Transfer acceptability: CSU
 Advanced radio and audio production skills along with practical exercises using broadcast equipment and techniques. Special emphasis in broadcast management training.
- RTV 140 Radio News (3)**
6 hours lecture/laboratory
Transfer acceptability: CSU
 Introduction to the principles of radio news writing, rewriting, editing, gathering (by audio recording and news wire services), and announcing. Student will incorporate learning into the production of radio newscasts for radio station KKSM.
- RTV 150 Performance and Acting for Broadcast and Film (3)**
6 hours lecture/laboratory
Transfer acceptability: CSU
 Techniques of preparation and delivery of materials before microphone and camera.
- RTV 160 Broadcast Advertising (3)**
6 hours lecture/laboratory
Note: May be taken 4 times
Transfer acceptability: CSU
 Role and practice of broadcast advertising including marketing and media research, time purchasing, and advertising message design and production.
- RTV 170 Introduction to Video Editing (3)**
6 hours lecture/laboratory
Transfer acceptability: CSU
 Covers the technical and theoretical development of film and video editing from its initiation to the present day. Provides an introduction to the basic elements of editing language, the various technical processes used throughout its history, as well as the related skills necessary for good editing.
- RTV 180 Sports Broadcasting (3)**
6 hours lecture/laboratory
Note: May not be taken for Credit/No Credit grading, may be taken 4 times
Transfer acceptability: CSU
 Sports broadcasting: anchoring, reporting, play-by-play, and color announcing techniques.
- RTV 194A Radio Operations (1,2,3)**
3, 6, or 9 hours laboratory
Note: Credit/No Credit grading only; may be taken 4 times
Transfer acceptability: CSU
 Advanced research projects designed to meet the specific needs of student's interest in radio station operations. Projects may be chosen for production by the College or by the individual student.
- RTV 194B Experimental Topics Television Operations (1,2,3)**
3, 6, or 9 hours laboratory
Note: May be taken 4 times
Transfer acceptability: CSU
 Individual television projects, including operations of television equipment in college produced television programs or individual productions.
- RTV 197 Radio and Television Topics (.5-4)**
 Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.
Note: May be taken 4 times
Transfer acceptability: CSU
 Topics in Radio and Television. See Class Schedule for specific topic offered. Course title will designate subject covered.
- RTV 220 Television Production and Direction (3)**
6 hours lecture/laboratory
Prerequisite: RTV 110 and RTV 120/ENTT 120
Transfer acceptability: CSU
 Techniques and theories of television production and direction. Practice in pre production planning, staging, studio production, and editing. Duties and responsibilities of director and production crew. Production of fully scripted television programs for airing on cable and broadcast stations.
- RTV 225 Intermediate Film and Video Field Production (3)**
6 hours lecture/laboratory
Prerequisite: A minimum grade of 'C' in RTV 110 and CINE/RTV 125
Note: Cross listed as CINE 225
Transfer acceptability: CSU; UC – CINE/RTV 125 and 225 combined: maximum credit, one course
 Principles, techniques, and theory of field production using digital or analog video or 16mm film equipment. Theory and practice of off line linear or nonlinear editing.
- RTV 230 Digital Audio with Pro Tools (3)**
6 hours lecture/laboratory
Prerequisite: RTV 130/ENTT 130
Transfer acceptability: CSU
 Principles and techniques of editing radio, television, and film audio projects using Pro Tools software and technology. Digitizing audio source material, working knowledge of Pro Tools interface, use of multi-track audio editing system, mic and recording techniques.
- RTV 240 Television News (4)**
8 hours lecture/laboratory
Prerequisite: RTV 110 and RTV 120/ENTT 120 or RTV 140
Note: May be taken 4 times
Transfer acceptability: CSU
 Principles of scripting, gathering, and editing of television news. Production of newscasts for airing on cable television.
- RTV 245 Advanced TV News (3)**
6 hours lecture/laboratory
Prerequisite: A minimum grade of 'C' in RTV 240
Note: May not be taken for Credit/No Credit grading; may be taken 4 times
Transfer acceptability: CSU
 Advanced principles and application of techniques and theory of local TV News reporting, news gathering, producing, and editing an ongoing TV News program. Production of newscasts for airing on cable television.

RTV 270 Digital Video Editing (3)
 6 hours lecture/laboratory
Prerequisite: RTV 120/ENTT 120 and RTV 170
Transfer acceptability: CSU
 Principles and techniques of digital non-linear video editing. Overview of various software programs for editing, graphics and 3D animation. Application of operational and aesthetic editing principles to specific editing projects.

RTV 275 Avid Editing for Television and Film (3)
 6 hours lecture/laboratory
Prerequisite: RTV 170 and 270
Transfer acceptability: CSU
 Principles and techniques of editing video and film projects using Avid technology. Digitizing source material, storyboarding, timeline, audio editing, importing and exporting graphics, outputting, and media management.

RTV 294A Radio Programming Projects (1,2,3)
 3, 6, or 9 hours laboratory
Note: Credit/No Credit grading only; may be taken 4 times
Transfer acceptability: CSU
 Advanced radio projects to meet the specific needs of the student's interest in radio programming. Work on college produced broadcast productions.

RTV 294B Television Internships/Production (1,2,3)
 3, 6, or 9 hours laboratory
Note: Cross listed as ENTT 294B; may be taken 4 times
Transfer acceptability: CSU
 Work on advanced television production including individual research, work on college produced programs, or internships at local broadcast stations, cable companies, and other communications facilities.

Reading (READ)

Contact Reading Services for further information, (760) 744-1150, ext. 2568

COURSE OFFERINGS

Courses numbered under 50 are non-degree courses.
 Courses numbered under 100 are not intended for transfer credit.

READ 5 Corrective Learning and Reading Skills/Learning Disabled (3)
 2 hours lecture-3 hours laboratory
Note: Credit/No Credit grading only; may be taken 4 times
 Individualized program for students who have specific learning disabilities. Intensive training in communication skills of reading, listening, and speaking.

READ 10 Spelling (1)
 1 hour lecture
Note: May be taken 2 times
 Provides necessary skills to increase spelling ability through an introduction to phonetics and the rules of orthography.

READ 11 Spelling II (1)
 1 hour lecture
Note: May be taken 2 times
 An intensive study and application of techniques necessary to improve college level spelling ability.

READ 30 Fundamental Reading Skills (2)
 4 hours lecture/laboratory
Note: Open Entry/Open Exit; Credit/No Credit grading only; may be taken 3 times
 An individualized computer assisted instruction program based on in depth testing, assessment, prescription and instruction for the improvement of students' reading comprehension. Emphasis is placed on reading skills and their application to college and life skills materials.

READ 47 Reading Topics (.5-4)
 Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.
Note: May be taken 4 times
 Topics in Reading. See class schedule for specific topic covered. Course title will designate subject covered.

READ 50 Reading Improvement (4)
 3 hours lecture-3 hours laboratory
Note: May be taken 3 times
 A course designed to improve reading skills. Individual reading problems are diagnosed and improved through a variety of instructional materials and reading techniques. For students who need to remedy difficulties with reading comprehension, vocabulary, and fluency.

READ 110 Power Reading (4)
 3 hours lecture-3 hours laboratory
Transfer acceptability: CSU
 Intended for students with reading competencies who wish to enhance their reading ability by increasing reading speed, comprehension, fluency, vocabulary, and critical analysis. For students who do not have reading comprehension and vocabulary difficulties.

READ 115 Vocabulary Enhancement (2)
 2 hours lecture
Transfer acceptability: CSU
 Provides techniques to increase the precision and scope of language for everyday use. Emphasis is on the development of all aspects of college level vocabulary.

READ 120 Critical Reading (3)
 3 hours lecture
Recommended preparation: READ 110
Transfer acceptability: CSU
 Conceptual examination and application of critical reading, critical thinking, analysis and logical reasoning in multi-discipline and multi-cultural academic sources. Emphasis on advanced critical reading, logical reasoning/thinking, reflective judgment, and problem-solving skills that will lead to the ability to interpret, analyze, critically evaluate, and advocate ideas.

READ 197 Reading Topics (.5-4)
 Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.
Note: May be taken 4 times
Transfer acceptability: CSU
 Topics in Reading. See Class Schedule for specific topic offered. Course title will designate subject covered.

Real Estate (RE)

Contact the Business Education Department for further information, (760) 744-1150, ext. 2488.

Associate in Arts degree requirements, Certificate of Achievement requirements, and Certificate of Proficiency requirements are listed in Section 6 (green pages) of the catalog.

PROGRAMS OF STUDY

Escrow

Prepares students for employment as escrow officers.

A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements	Units
RE 100 Real Estate Principles	3
RE 105 Real Estate Finance	3
RE 120 Legal Aspects of Real Estate	3