

PWM 55 Public Works Administration (3)
 3 hours lecture
 Provides an introduction to the organizational concepts used by the Public Works Department. Content includes typical organization, management concepts, political considerations, planning, financial management and public relations.

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
 Office: U-12

Associate in Arts Degrees -

AA Degree requirements are listed in Section 6 (green pages).

- Digital Video
- Radio and Television

Certificates of Achievement -

Certificate of Achievement requirements are listed in Section 6 (green pages).

- Digital Video
- Entertainment Technology
- Radio and Television

Certificates of Proficiency -

Certificate of Proficiency requirements are listed in Section 6 (green pages).

- Broadcast Journalism
- Digital Media

PROGRAMS OF STUDY

Broadcast Journalism

Provides a background in print journalism and broadcast journalism: practical

experience in gathering, writing, editing and producing news. This certificate prepares students for employment in the television news industry.

CERTIFICATE OF PROFICIENCY

| Program Requirements | | Units |
|----------------------|-------------------------------|-----------|
| JOUR 101 | News Writing and Reporting | 3 |
| JOUR 105 | Newspaper Production | 3 |
| RTV/ENTT 120 | Digital Television Production | 3 |
| RTV 240 | Television News | 4 |
| RTV 245 | Advanced TV News | 3 |
| TOTAL UNITS | | 16 |

The Broadcast Journalism Certificate of Proficiency is also listed under Journalism.

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)

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|---|--|-------|
| 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 | |
|----------------------|--|-----|
| CSNT 110 | 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 120/ | | |
| ENTT 120 | Digital Television Production | 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.

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 | |
|----------------------|--|---|
| BUS 150 | Advertising | 3 |
| 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 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/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 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/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/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/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/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 ENT 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

Office: RC-1

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.