A A. DEGREE MAJOR OR
CERTIFICATE OF ACHIEVEMENT

Program Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PWM 50</td>
<td>Introduction to Public Works</td>
<td>3</td>
</tr>
<tr>
<td>PWM 51</td>
<td>Street Construction and Maintenance</td>
<td>3</td>
</tr>
<tr>
<td>PWM 52</td>
<td>Asphalt and Portland Cement</td>
<td>3</td>
</tr>
<tr>
<td>PWM 53</td>
<td>Public Works Inspection</td>
<td>3</td>
</tr>
<tr>
<td>PWM 54</td>
<td>Public Works Administration</td>
<td>3</td>
</tr>
<tr>
<td>PWM 55</td>
<td>Plan Interpretation and Cost Estimating</td>
<td>3</td>
</tr>
<tr>
<td>PWM/WTE/ VVWT 125</td>
<td>Supervision</td>
<td>3</td>
</tr>
<tr>
<td>CSIT 120</td>
<td>Computer Applications</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives (Select 2 courses)

PWM 56 Parks and Landscape Management
BMTG 101 Introduction to Management
BUS 125 Business English
BUS 138 Business Ethics
BUS 187 Project for Business
MATH 56 or Beginning/Intermediate Algebra
MATH 60 Intermediate Algebra
SPCH 115 Interpersonal Communication

TOTAL UNITS 27 - 33

COURSE OFFERINGS

Courses numbered under 100 are not intended for transfer credit.

PWM 50 Introduction to Public Works
3 hours lecture
Designed by the American Public Works and Maintenance Superintendents Associations in order to prepare public works and maintenance workers for lead and supervisory positions. Students will receive an introduction to techniques, materials and equipment used in public works, maintenance and repair projects.

PWM 51 Street Construction and Maintenance
3 hours lecture
Recommended preparation: MATH 15
Provides instruction on street construction and maintenance; including materials and methods, specifications, records and cost accounting systems, revenue sources and budget preparation. Other subjects include safety, drainage, equipment records and specifications, as well as public relations. Codes and industry standards that pertain to improvements and repair will be reviewed.

PWM 52 Asphalt and Portland Cement
3 hours lecture
Recommended preparation: MATH 15
Provides instruction on the recommended procedures, practices, and testing criteria used by the Asphalt Institute highlighting local city and county asphalt requirements. Content includes specifications for roads, runway floors, and hydraulic structures and Portland Cement concrete design and uses. Includes transporting, placing, curing, and testing concrete as well as application and construction methods employed.

PWM 53 Public Works Inspection
3 hours lecture
Recommended preparation: MATH 15
Provides an overview of the inspector's role and responsibilities as it relates to a project. The student will be given the necessary information and training necessary for entry level inspection responsibilities. The course will apply to construction of municipal infrastructure and civil engineering type projects.

PWM 55 Public Works Administration
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.

PMM 56 Parks and Landscape Management
2½ hours lecture - 1½ hours laboratory
A survey of parks and landscape maintenance techniques. The class will study fundamental principles of park administration, landscape management, design, maintenance and operations. The course will focus on public parks, landscape administration principles to include: turf, tree and ornamental care, equipment, pesticide use and introduction to irrigation system selection, installation and maintenance, trail systems, recreation accommodations and park systems.

PWM 57 Plan Interpretation and Cost Estimating
3 hours lecture
Recommended preparation: 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 125 Supervision
3 hours lecture
Note: Cross listed as WTE 125/VWT 125
Supervisory aspects of public agencies including organization, decision making, coordination, communication, and public relations. Personnel supervision including coaching, training, evaluation, discipline, team building, 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

<table>
<thead>
<tr>
<th>Program</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOUR 101</td>
<td>News Writing and Reporting</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 105</td>
<td>Newspaper Production</td>
<td>3</td>
</tr>
<tr>
<td>RTV/ENTT 120</td>
<td>Digital Television Production</td>
<td>3</td>
</tr>
<tr>
<td>RTV 240</td>
<td>Television News</td>
<td>4</td>
</tr>
<tr>
<td>RTV 245</td>
<td>Advanced TV News</td>
<td>3</td>
</tr>
</tbody>
</table>

TOTAL UNITS 16

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

To satisfy a prerequisite, the student must have earned a letter grade of A, B, C or CR in the prerequisite course, unless otherwise stated.
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

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>CINE/RTV 125</td>
<td>3</td>
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<tr>
<td>GCMW 204</td>
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<tr>
<td>GCMW 205</td>
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</tr>
<tr>
<td>RTV 270</td>
<td>3</td>
</tr>
<tr>
<td>RTV 275</td>
<td>3</td>
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</tbody>
</table>

TOTAL UNITS 17

Digital Media Certificate of Proficiency 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

<table>
<thead>
<tr>
<th>Course</th>
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<td>GCMW 165</td>
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<td>GCMW 204</td>
<td>4</td>
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<tr>
<td>GCMW 205</td>
<td>4</td>
</tr>
<tr>
<td>RTV/CINE 125</td>
<td>3</td>
</tr>
<tr>
<td>RTV 230</td>
<td>3</td>
</tr>
<tr>
<td>RTV 270</td>
<td>3</td>
</tr>
<tr>
<td>RTV 275</td>
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Electives (2 courses required, 6 units minimum)

<table>
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<th>Course</th>
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<tbody>
<tr>
<td>ARTI 246</td>
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<td>ARTI 247</td>
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<td>DT 180</td>
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<td>GCIP 152</td>
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<td>GCIP 240</td>
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<td>GCMW 101</td>
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<td>GCMW 201</td>
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<td>RTV 110</td>
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<tr>
<td>RTV/ENTT 120</td>
<td>3</td>
</tr>
<tr>
<td>RTV 150</td>
<td>3</td>
</tr>
<tr>
<td>RTV/CINE 225</td>
<td>3</td>
</tr>
</tbody>
</table>

TOTAL UNITS 34

DigitalVideo 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

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSNT 110</td>
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</tr>
<tr>
<td>ENT 100</td>
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<tr>
<td>ENT/RTV 103</td>
<td>3</td>
</tr>
<tr>
<td>ENT/TA 105</td>
<td>2.5</td>
</tr>
<tr>
<td>ENT/TA 107</td>
<td>3</td>
</tr>
<tr>
<td>ENT/TA 112</td>
<td>3</td>
</tr>
<tr>
<td>ENT/RTV 130</td>
<td>3</td>
</tr>
<tr>
<td>TA 197D</td>
<td>2</td>
</tr>
<tr>
<td>TA 297</td>
<td>2</td>
</tr>
<tr>
<td>ENT/RTV 294B</td>
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Electives (Select 11 units)

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<th>Course</th>
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<tbody>
<tr>
<td>ENT/RTV 294B</td>
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<tr>
<td>FASH 126</td>
<td>3</td>
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<tr>
<td>FASH 135</td>
<td>3</td>
</tr>
<tr>
<td>FASH 139</td>
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<td>TA 111</td>
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<tr>
<td>TA 170</td>
<td>3</td>
</tr>
<tr>
<td>TA 297</td>
<td>1, 3</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 150</td>
<td>3</td>
</tr>
<tr>
<td>CINE/RTV 125</td>
<td>3</td>
</tr>
<tr>
<td>CINE/RTV 225</td>
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<td>ENT/TA 107</td>
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<td>ENT/RTV 130</td>
<td>3</td>
</tr>
<tr>
<td>ENT/RTV 294B</td>
<td>1</td>
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<tr>
<td>RTV 294A</td>
<td>1</td>
</tr>
<tr>
<td>ENT/RTV 120</td>
<td>3</td>
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<td>RTV 220</td>
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<tr>
<td>RTV 230</td>
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<tr>
<td>RTV 240</td>
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</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>RTV 100L</td>
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<tr>
<td>RTV/ENTT 103</td>
<td>3</td>
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<tr>
<td>RTV/CINE 115</td>
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<td>1, 2, 3</td>
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<td>RTV 150</td>
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<td>RTV 170</td>
<td>3</td>
</tr>
<tr>
<td>RTV 180</td>
<td>3</td>
</tr>
<tr>
<td>RTV 194A</td>
<td>1, 2, 3</td>
</tr>
</tbody>
</table>

TOTAL UNITS 34
### COURSE OFFERINGS

Courses numbered under 100 are not intended for transfer credit.

**RTV 50** Basic Television Acting  
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 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  
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 103** Introduction to Audio-Visual Systems  
1½ hours lecture - 4½ hours 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  
1½ hours lecture - 4½ hours 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 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  
1½ hours lecture - 4½ hours 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 125** Beginning Film and Video Field Production  
1½ hours lecture - 4½ hours laboratory  
**Note:** Cross listed as CINE 125  
**Transfer acceptability:** CSU  
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 narrative storytelling for the screen.

**RTV 130** Radio Production  
1½ hours lecture - 4½ hours 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 133** Beginning Radio Station Operations  
3, 6, or 9 hours laboratory  
**Prerequisite:** A minimum grade of ‘C’ in RTV/ENTT 130  
**Corequisite:** RTV 294A  
**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  
3, 6, or 9 hours laboratory  
**Prerequisite:** A minimum grade of ‘C’ in RTV/ENTT 130  
**Corequisite:** RTV 294A  
**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  
1½ hours lecture - 4½ hours laboratory  
**Note:** May not be taken for Pass/No Pass grading  
**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  
1½ hours lecture - 4½ hours laboratory  
**Transfer acceptability:** CSU  
Techniques of preparation and delivery of materials before microphone and camera.

**RTV 170** Introduction to Video Editing  
1½ hours lecture - 4½ hours 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  
1½ hours lecture - 4½ hours laboratory  
**Note:** May not be taken for Pass/No Pass 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:** Pass/No Pass 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 and/or laboratory may be scheduled by the department.  
**Note:** May not be taken for Pass/No Pass grading; 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)  
1½ hours lecture - 4½ hours laboratory  
**Prerequisite:** A minimum grade of ‘C’ in 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)  
1½ hours lecture - 4½ hours laboratory  
**Prerequisite:** A minimum grade of ‘C’ in CINE/RTV 125; and a minimum grade of ‘C’ in RTV 110 or concurrent enrollment in RTV 110  
**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)  
1½ hours lecture - 4½ hours laboratory  
**Prerequisite:** A minimum grade of ‘C’ in 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)  
2 hours lecture - 6 hours laboratory  
**Prerequisite:** A minimum grade of ‘C’ in RTV/ENTT 120  
**Recommended preparation:** RTV 110  
**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)  
1½ hours lecture - 4½ hours laboratory  
**Recommended preparation:** RTV 240  
**Note:** May not be taken for Pass/No Pass 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)  
1½ hours lecture - 4½ hours laboratory  
**Prerequisite:** A minimum grade of ‘C’ in RTV 170  
**Note:** May not be taken for Pass/No Pass grading  
**Transfer acceptability:** CSU  
Principles and techniques of digital non-linear video editing for broadcast TV and Film. Overview of Final Cut Pro software program. Application of operational and aesthetic editing principles.

RTV 275  Avid Editing for Television and Film (3)  
1½ hours lecture - 4½ hours laboratory  
**Prerequisite:** A minimum grade of ‘C’ in RTV 270  
**Note:** May not be taken for Pass/No Pass grading  
**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:** Pass/No Pass grading only; may be taken 4 times  
**Transfer acceptability:** CSU  
Work on 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.

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**Reading (READ)**

Contact Reading Services for further information.  
(760) 744-1150, ext. 2568  
Office: RC-1

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**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:** Pass/No Pass grading only; may be taken 4 times  
Non-degree Applicable  
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  
Non-degree Applicable  
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  
Non-degree Applicable  
An intensive study and application of techniques necessary to improve college level spelling ability.