

**Note:** May be taken 4 times

**Transfer acceptability:** CSU

Gas Metal Arc Welding steel and aluminum sheet metal, and plate with short arc and spray arc technique. Flux Cored Arc Welding steel plate in flat, horizontal, and vertical positions.

**WELD 135 Print Reading for Welders (3)**

3 hours lecture

Line interpretation, sketching, bill of materials, structural shapes, welding symbols, joint types, weld types, and metric conversions.

**WELD 140 Qualification of Welders (3)**

2 hours lecture-4 hours laboratory

**Prerequisite:** WELD 101

**Note:** May be taken 4 times

This course is designed to train the students to be familiar with the provisions of the various welding standards and codes. Supervised training is provided so that students will be able to qualify for certification on any code or standard.

**WELD 150 Welding Inspection (3)**

2 hours lecture-4 hours laboratory

**Note:** May be taken 4 times

**Transfer acceptability:** CSU

This course is designed to improve understanding of the role, duties, and technical requirements of welding inspectors. The course will cover fundamentals of welding, welding symbols, documents used in welding, codes, specification, standards, weld joint geometry, destructive testing methods, nondestructive testing methods, discontinuities, and visual inspection of welds. This class provides knowledge useful for passing the American Welding Society's Certified Welding Inspector's exam.

**WELD 160 Metal Layout for Fabrication (3)**

6 hours lecture/laboratory

**Note:** May be taken 4 times

This course provides students with knowledge of basic layout, fitup, fabrication, safe operation of shop equipment. Parallel line, radial line, and triangulation layout will be taught. Students will work from drawings or sketches to prepare, form, or cut multiple parts for assembly.

**WELD 196 Special Problems in Welding (1,2,3)**

3, 6, or 9 hours laboratory

**Prerequisite:** Completion of, or concurrent enrollment in, WELD 100

**Note:** May be taken 4 times

This course is designed to aid the student in the enrichment of the area of concentration in welding and is of a research nature. Content to be determined by the need of the student under signed contract with the instructor.

**WELD 197 Welding Technology Topics (.5-3)**

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 Welding Technology. See Class Schedule for specific topic offered. Course title will designate subject covered.

## Women's Studies

Contact the Behavioral Sciences Department for further information.

(760) 744-1150. ext. 2330

Office: W-1

### Associate in Arts Degrees -

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

• Women's Studies

## PROGRAM OF STUDY

### Women's Studies

This major offers the student an opportunity to study women and their contributions from a female perspective. It also provides intensive, interdisciplinary lower-division preparation necessary for pursuing advanced coursework in Women's Studies. Transfer students should consult the four-year college or university catalog for specific requirements.

#### A.A. DEGREE MAJOR

Program Requirements		Units
SOC 115	Introduction to Women's Studies	3
<b>Electives (Select a minimum of 15 units)</b>		
AIS 165	Native Women in the Americas	3
COMM 105	Race, Gender and Media Effects	3
ENG 280	Women and Literature	3
HIST 130	Women in United States History	3
PSYC/SOC 125	Human Sexuality	3
PSYC 130	Psychology of Women	3
PSYC/SOC 145	Psychology and Sociology of Aging	3
<b>TOTAL UNITS</b>		<b>18</b>

Recommended Electives: ENG 100 and 202 with emphasis in Women's Studies issues.

## Zoology (ZOO)

Contact the Life Sciences Department for further information.

(760) 744-1150. ext. 2275

Office: NS-207A

#### COURSE OFFERINGS

**ZOO 100 General Zoology (4)**

3 hours lecture-3 hours laboratory

**Note:** Not open to students with prior credit in ZOO 101 or 101L

**Transfer acceptability:** CSU; UC – No credit if taken after ZOO 101/101L; CAN BIOL 4

Principles of animal life and body organization. Structural and functional adaptations of major groups of the animal kingdom from protozoans through mammals. This is a general education course intended for non-science majors.

**ZOO 101 Animal Kingdom (3)**

3 hours lecture

**Note:** Not open to students with prior credit in ZOO 100

**Transfer acceptability:** CSU; UC – No credit if taken after ZOO 100

Structural and functional adaptations of major groups of the animal kingdom from protozoans through mammals. ZOO 101L laboratory optional.

**ZOO 101L Animal Kingdom Laboratory (1)**

3 hours laboratory

**Prerequisite:** Completion of, or concurrent enrollment in, ZOO 101

**Note:** Not open to students with prior credit in ZOO 100

**Transfer acceptability:** CSU; UC – No credit for ZOO 101/101L if taken after 100

Investigations upon living and preserved specimens representative of the major groups of the animal kingdom. This is a general education course intended for non-science majors.

**ZOO 115 Natural History of Animal Life (4)**

3 hours lecture-3 hours laboratory

**Note:** Not open to students with prior credit in ZOO 116 or 116L

**Transfer acceptability:** CSU; UC – ZOO 115, 116/116L combined: maximum credit, 4 units

Consideration of the natural history, adaptations, ecology, behavior, and distribution of animals with reference to major groups of both vertebrates and invertebrates. Weekend field trips are required.