

AP WE 711 Carpentry Work Experience (4)

12 hours laboratory

Prerequisite: Indentured apprentice to a designated Joint Apprenticeship and Training Committee**Note:** Pass/No Pass grading only

Supervised on-the-job training in the Carpentry trade.

AP WE 712 Drywall/Acoustical Work Experience (4)

12 hours laboratory

Prerequisite: Indentured apprentice to a designated Joint Apprenticeship and Training Committee**Note:** Pass/No Pass grading only

Supervised on-the-job training in the Interior Systems Trade.

AP WE 713 Electrician Work Experience (4)

12 hours laboratory

Prerequisite: Indentured apprentice to a designated Joint Apprenticeship and Training Committee**Note:** Pass/No Pass grading only

Supervised on-the-job training in the Electrician trade.

AP WE 714 Plasterer Work Experience (4)

12 hours laboratory

Prerequisite: Indentured apprentice to a designated Joint Apprenticeship and Training Committee**Note:** Pass/No Pass grading only

Supervised on-the-job training in the Interior Systems Trade

Arabic (ARAB)

Contact the World Languages Department for further information.

(760) 744-1150, ext. 2390

Office: H-201

COURSE OFFERINGS**ARAB 101 Arabic I (5)**

5 hours lecture - 1 hour laboratory

Note: Not open to students with credit for ARAB 101B; corresponds to two years of high school study.**Transfer acceptability:** CSU; UC

This course is the first semester of Arabic. This elementary level course is a study of the Arabic language and Arabic-speaking cultures, with emphasis on the development of communicative skills and basic structures. Course combines in-class instruction and practice with self-paced study in the World Languages Laboratory. This beginning-level course is for students with no previous coursework in Arabic.

ARAB 101A Arabic IA (3)

3 hours lecture

Note: Covers the first half of first semester Arabic; not open to students with credit for ARAB 101**Transfer acceptability:** CSU; UC

Arabic 101A and 101B are equivalent to the first semester of an elementary level course in Arabic. This elementary level course is a study of the Arabic language and Arabic-speaking cultures, with emphasis on the development of communicative skills and basic structures. This beginning-level course is for students with no previous coursework in Arabic.

ARAB 101B Arabic IB (3)

3 hours lecture

Prerequisite: A minimum grade of 'C' in ARAB 101A or one year of high school Arabic**Note:** Covers the second half of first semester Arabic; not open to students with credit for ARAB 101; corresponds to two years of high school study.**Transfer acceptability:** CSU; UC

Arabic 101A and 101B are equivalent to the first semester of an elementary level course in Arabic. ARAB 101B is a continuation of ARAB 101A. This elementary level course is a study of the Arabic language and Arabic-speaking cultures, with emphasis on the development of communicative skills and basic structures.

ARAB 102 Arabic II (5)

5 hours lecture - 1 hour laboratory

Prerequisite: A minimum grade of 'C' in ARAB 101 or two years of high school Arabic**Transfer acceptability:** CSU; UC**Note:** Not open to students with credit for ARAB 102B

This course is the second semester of Arabic. This elementary level course is a study of the Arabic language and Arabic-speaking cultures, with continued emphasis on the development of communicative skills and basic structures. Course combines in-class instruction and practice with self-paced study in the World Languages Laboratory.

ARAB 102A Arabic IIA (3)

3 hours lecture

Prerequisite: A minimum grade of 'C' in ARAB 101B or two years of high school Arabic**Note:** Covers the first half of second semester Arabic; not open to students with credit for ARAB 102**Transfer acceptability:** CSU; UC

Arabic 102A and 102B are equivalent to the second semester of an elementary level course in Arabic. This elementary level course is a study of the Arabic language and Arabic-speaking cultures, with emphasis on the development of communicative skills and basic structures.

ARAB 102B Arabic IIB (3)

3 hours lecture

Prerequisite: A minimum grade of 'C' in ARAB 102A or two years of high school Arabic**Note:** Covers the second half of second semester Arabic; not open to students with credit for ARAB 102**Transfer acceptability:** CSU; UC

Arabic 102A and 102B are equivalent to the second semester of an elementary course in Arabic. Arabic 102B is a continuation of Arabic 102A. This elementary level course is a study of the Arabic language and Arabic-speaking cultures, with emphasis on the development of communicative skills and basic structures.

ARAB 201 Arabic III (5)

5 hours lecture - 1 hour laboratory

Prerequisite: A minimum grade of 'C' in ARAB 102 or three years of high school Arabic**Transfer acceptability:** CSU; UC**Note:** Not open to students with credit for ARAB 201B

This course is the third semester of Arabic. This intermediate level course is a study of the Arabic language and Arabic-speaking cultures, focusing on intermediate level structures and readings of culturally relevant authentic materials. Emphasis is on developing oral, listening, reading and writing skills in order to acquire proficiency in Arabic. Course combines in-class instruction with self-paced study in the World Languages Laboratory. Class is largely conducted in Arabic.

ARAB 201A Arabic IIIA (3)

3 hours lecture

Prerequisite: A minimum grade of 'C' in ARAB 102B or three years of high school Arabic**Note:** Covers the first half of third semester Arabic; not open to students with credit for ARAB 201**Transfer acceptability:** CSU; UC

Arabic 201A and 201B are equivalent to the third semester of an intermediate course in Arabic. This intermediate level course is a study of the Arabic language and Arabic-speaking cultures, focusing on intermediate level structures and readings of culturally relevant authentic materials. Emphasis is on developing oral, listening, reading and writing skills in order to acquire proficiency in Arabic. Class is largely conducted in Arabic.

ARAB 201B Arabic IIIB (3)

3 hours lecture

Prerequisite: A minimum grade of 'C' in ARAB 201A

Note: Covers the second half of third semester Arabic; not open to students with credit for ARAB 201

Transfer acceptability: CSU; UC

Arabic 201A and 201B are equivalent to the third semester of an intermediate level course in Arabic. ARAB 201B is a continuation of ARAB 201A. This intermediate level course is a study of the Arabic language and Arabic-speaking cultures, focusing on intermediate level structures and readings of culturally relevant authentic materials. Emphasis is on developing oral, listening, reading and writing skills in order to acquire proficiency in Arabic. Class is largely conducted in Arabic.

Architecture (ARCH)

Contact the Design and Consumer Education Department for further information.

(760) 744-1150, ext. 2349

Office: P-8A

Associate in Science Degrees -

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

- Architecture
- Architectural Drafting

Certificates of Achievement -

- Architecture
- Architectural Drafting
- Eco-Building Professional

PROGRAMS OF STUDY

Architecture

This coursework prepares students for transfer into a university architectural program. Emphasis is on current architectural and construction practices, fundamental design skills, sustainable building guidelines, and transfer preparation. Students should review specific course requirements and transfer agreements with their architectural instructor and transfer counselor. General education course requirements such as mathematics, physics, etc. will vary depending upon the specific university program.

A.S. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements	Units
ARCH 105 Basic Architectural Drafting	3
ARCH 120 Architectural History	3
or	
ARCH 121 Multicultural Architectural History	3
ARCH 135 Architectural Materials and Methods of Construction	4
ARCH 144 Architectural Drawing and Color	4
ARCH 145 Architectural Delineation and Pictorial Drawing	4
ARCH 155 Architectural Theory	3
ARCH 215 Architectural Design Fundamentals I	5
ARCH 216 Architectural Design Fundamentals II	5
TOTAL UNITS	31

Students should review specific course requirements and transfer agreements with their architectural instructor and transfer counselor. General education course requirements such as mathematics, physics, etc. will vary depending upon the specific university program.

Architectural Drafting

Prepares students for employment as a design/production drafter in the field of architecture.

A.S. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements	Units
ARCH 105 Basic Architectural Drafting	3
ARCH 135 Architectural Materials and Methods of Construction	4
ARCH 144 Architectural Drawing and Color	4
ARCH 145 Architectural Delineation and Pictorial Drawing	4
ARCH 150/ID 150 Computer Aided Drafting for Designers (CADD)	3
ARCH 160 Environmental Architecture and Design	4
ARCH 200 Advanced Computer Aided Architectural Drafting	4
ARCH 202 Introduction to Revit Architecture	3
TOTAL UNITS	29

Eco-Building Professional

This program is designed to provide the knowledge and skills needed to promote energy and resource efficient building practices through current code changes and new tax cost payback. Graduates will be prepared for numerous jobs within the deconstruction and remodel industries and would have skills needed by builders, contractors, architects or designers seeking assessment of current construction methods for framing, water use and LEED environmental compliance.

CERTIFICATE OF ACHIEVEMENT

Program Requirements	Units
ARCH 135 Architectural Materials and Methods of Construction	4
ARCH 160 Environmental Architecture and Design	4
ARCH 216 Architectural Design Fundamentals II	5
ID 105 Materials and Resources	3
ID 130 Light and Color	3
TOTAL UNITS	19

Recommended Electives: GEOG 120, MATH 60

COURSE OFFERINGS

ARCH 105 Basic Architectural Drafting (3)

1 1/2 hours lecture - 4 1/2 hours laboratory

Transfer acceptability: CSU

An introduction to architectural drafting including symbols, lettering, construction principles, details, and codes as related to the development of working drawings for simple residential design.

ARCH 106 Intermediate Architectural Drafting (3)

1 1/2 hours lecture - 4 1/2 hours laboratory

Prerequisite: A minimum grade of 'C' in ARCH 105

Transfer acceptability: CSU

A continued study in residential design including study in details, materials, elevations, specifications, electrical, and plumbing.

ARCH 120 Architectural History (3)

3 hours lecture

Transfer acceptability: CSU; UC

An overview of architectural history beginning with prehistoric cultures and continuing through Egyptian and Mesopotamia, Aegean and Greek, Roman and Byzantine, Romanesque and Gothic, and the Renaissance and Baroque periods. The second half of the course focuses on the development of modern western architecture.

ARCH 121 Multicultural Architectural History (3)

3 hours lecture

Transfer acceptability: CSU; UC

A comparative study of the architecture of cultures outside the Western mainstream including: Pre-Columbian America; India and Southeast Asia, China and Japan, Russia and Eastern Europe; and the Moslem Empires. Special emphasis on the cultural forces and conditions which shaped and evolved the architecture.