

WATER – WELD

WATER 030 WATERWORKS MATHEMATICS

Units: 3.00 - Not transferable, May Be Taken Once for Credit
Introduces basic mathematical principles related to water distribution and treatment systems. Assists in preparation for Water Distribution and Treatment Plant Certification Examinations.

82860 06:00PM-09:05PM TH M. Alvord CCC-704
HYBRID CLASS. On campus meetings (6:00 pm - 9:00pm) on
Thursdays, 8/25, 9/29, 11/3 and 12/8.

CCC [This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway.](#)

WATER 050 WATER TREATMENT PLANT OPERATION PROCESSES I

Units: 3.00 - Not transferable, May Be Taken Once for Credit
Recommended Preparation: WATER-030 & WATER-035
Presents the basic operating principles and techniques of the conventional surface water treatment processes and disinfection processes. Assists in preparation for Grade T1 and T2 Water Treatment Plant Operator's Certificate examination given by the State of California Department of Public Health.

83860 06:00PM-09:05PM MW S. McLean CCC-704
08/22/11-10/15/11

CCC [This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway.](#)

WATER 052 WATER TREATMENT PLANT OPERATION PROCESSES II

Units: 3.00 - Not transferable, May Be Taken Once for Credit
Recommended Preparation: WATER-031 and 050
Examines advanced topics in conventional surface water treatment processes and disinfection, as well as non-conventional treatment processes. Assists in preparation for Grade T3 and T4 Water Treatment Plant Operator's Certificate examination given by the State of California Department of Public Health.

83861 06:00PM-09:05PM MW S. McLean CCC-704
10/17/11-12/07/11

CCC [This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway.](#)

■ WELDING ■

WELD 080 NON-DESTRUCTIVE TESTING

Units: 3.00 - Not transferable, May Be Taken Once for Credit
Surveys common non-destructive testing theories and applications as they relate to industry recognized quality control systems. Field trips may be required. Units do not apply to the associate degree.

82863 05:30PM-08:35PM T A. Chavez HSLH-205

WELD 092 INTRODUCTION TO METAL FABRICATION

Units: 2.00 - Not transferable, May Be Taken Once for Credit
Recommended Preparation: WELD-132
First in a three-part series of courses examining the principles and practices of metal fabrication. Units do not apply to the associate degree.

82864 05:30PM-09:35PM W T. Baber TWSH-128
Personal protection equipment and assorted handtools are required at an approximate cost of \$100.00.

WELD 094 ADVANCED METAL FABRICATION

Units: 2.00 - Not transferable, May Be Taken Once for Credit
Prerequisite: WELD-093
Third in a three-part series of courses examining the principles and practices of metal fabrication.

82866 05:30PM-09:20PM TH T. Baber TWSH-128

WELD 096 WELDING CERTIFICATION AND LICENSE PREPARATION

Units: 3.00 - Not transferable, May Be Taken Once for Credit
Recommended Preparation: WELD-101C & WELD-124
Reviews the practical applications and fundamental concepts to prepare students for the Los Angeles City Department of Building and Safety written structural welding certification test.

82867 05:30PM-08:35PM T T. Baber MENH-240

WELD 100 INTRODUCTION TO OXYACETYLENE WELDING

Units: 2.00 - CSU, May Be Taken 4 Times
Theory, safety procedures, and development of fundamental skills in oxyacetylene welding and cutting.

82869 05:30PM-09:35PM T E. Arnold TWSH-128
Personal protection equipment and assorted handtools are required at an approximate cost of \$50.00.

82868 05:30PM-09:35PM TH D. Thrasher TWSH-106
Personal protection equipment and assorted handtools are required at an approximate cost of \$50.00.

WELD 101A INTRODUCTION TO SHIELDED METAL ARC WELDING

Units: 2.00 - CSU, May Be Taken Once for Credit
The first of a three-part series introducing the theory and application of shielded metal arc welding (SMAW).

83024 08:00AM-12:30PM MTW A. Pinley TWSH-106
08/22/11-09/21/11

NOW CLASS. This is a short-term, intensive section. Personal protection equipment and assorted handtools are required at an approximate cost of \$150.00.

83023 12:45PM-05:15PM MTW T. Baber TWSH-106
08/22/11-09/21/11

NOW CLASS. This is a short-term, intensive section. Personal protection equipment and assorted handtools are required at an approximate cost of \$150.00.

WELD 101B INTERMEDIATE SHIELDED METAL ARC WELDING

Units: 2.00 - CSU, May Be Taken Once for Credit

Prerequisite: WELD-101A

The second in the three-part series in the theory and application of shielded metal arc welding (SMAW).

83025 08:00AM-12:10PM MTW A. Pinley TWSH-106
09/26/11-10/26/11

NOW CLASS. This is a short-term, intensive section. Personal protection equipment and assorted handtools are required at an approximate cost of \$150.00.

83026 01:00PM-05:10PM MTW T. Baber TWSH-106
09/26/11-10/26/11

NOW CLASS. This is a short-term, intensive section. Personal protection equipment and assorted handtools are required at an approximate cost of \$150.00.

WELD 101C ADVANCED SHIELDED METAL ARC WELDING

Units: 2.00 - CSU, May Be Taken Once for Credit

Prerequisite: WELD-101B

Third in the three-part series in the theory and application of shielded metal arc welding (SMAW). Welder performance certification is emphasized.

83028 08:00AM-12:10PM MTW A. Pinley TWSH-106
10/31/11-11/30/11

NOW CLASS. This is a short-term, intensive section. Personal protection equipment and assorted handtools are required at an approximate cost of \$150.00.

83027 01:00PM-05:10PM MTW T. Baber TWSH-106
10/31/11-11/30/11

NOW CLASS. This is a short-term, intensive section. Personal protection equipment and assorted handtools are required at an approximate cost of \$150.00.

WELD 104 INTRODUCTION TO GAS TUNGSTEN ARC WELDING

Units: 2.00 - CSU, May Be Taken Once for Credit

Introduces the principles and practices of gas tungsten arc welding (GTAW).

82870 05:30PM-09:35PM T J. Gurman TWSH-106

Personal protection equipment and assorted handtools are required at an approximate cost of \$150.00.

WELD 120 INDUSTRIAL WELDING I

Units: 5.00 - CSU, May Be Taken Once for Credit

First in a three-part series of trade technical courses providing theory and vocational skills related to oxyacetylene and shielded metal arc welding processes.

82871 05:30PM-10:00PM MW J. Guzman TWSH-106

Personal protection equipment and assorted handtools are required at an approximate cost of \$150.00.

WELD 122 INDUSTRIAL WELDING II

Units: 5.00 - CSU, May Be Taken Once for Credit

Recommended Preparation: WELD-120

Second in a three-part series of courses providing continuing theory and skills related to the shielded metal arc welding process.

83021 05:30PM-10:00PM MW M. Cornel TWSH-106

Personal protection equipment and assorted handtools are required at an approximate cost of \$150.00.

WELD 124 INDUSTRIAL WELDING III

Units: 5.00 - CSU, May Be Taken 4 Times

Recommended Preparation: WELD-122

Third in a three-part series of trade technical courses providing theory and skills related to the gas tungsten arc weld and metal arc welding processes. Provides the levels of proficiency needed for various certifications available in today's welding industry.

83943 05:30PM-10:00PM MW M. Cornel TWSH-106

WELD 165 PIPE WELDING FUNDAMENTALS

Units: 3.00 - CSU, May Be Taken 3 Times

Prerequisite: WELD-101

Examines both theory and application of pipe welding using the shielded metal arc welding (SMAW) process.

83022 05:00PM-10:00PM TH D. Thrasher TWSH-106

Personal protection equipment and assorted handtools are required at an approximate cost of \$150.00.

CWE 188WELD COOPERATIVE WORK EXPERIENCE EDUCATION WELDING

Units: 1.00-4.00 - CSU, Unlimited Repeats

Provides students with the opportunity to apply knowledge and skills gained from college courses in an actual work setting. The work experience may be paid or unpaid. For more information about earning elective units for ongoing work experience or applying for an internship, visit www.canyons.edu/cwee. Maximum 8 units per term and 16 total units.

83846 - S. Wright STCN-123

83847 - S. Wright STCN-123

09/06/11-12/10/11

WINE STUDIES

WINEST 100 WINE APPRECIATION

Units: 3.00 - CSU, May Be Taken Once for Credit

Prerequisite: Students must be 21 years of age to enroll.

Provides the basics of appreciation of different types of wine, including varietal characteristics and other components. A \$45 materials fee will be charged upon registration. Pregnant women and persons with allergies to sulfites are advised not to take this class. Wine will be tasted.

82644 06:30PM-09:30PM MW Staff HSLH-207

10/17/11-12/07/11