

**WTRM 118 Introduction to Occupational Health and Safety****Units:** 3.0 **Hours:** 3.0 Lecture**Transferable:** CSU

This course covers the fundamentals of the health and safety associated with water treatment, distribution and waste water treatment operations. Subjects covered include introduction to safety, confined space, lockout- tagout, respiratory protection, heat stress, fall protection and traffic control. Each section will satisfy existing Cal/OSHA and other water industry related training requirements.

**WTRM 119 Industrial Wastewater Management & Treatment****Units:** 3.0 **Hours:** 3.0 Lecture**Transferable:** CSU

Industrial Wastewater Management and Treatment reviews various industries and their associated wastewater. The course introduces the characteristics of wastewater such as pH, total suspended solids, total dissolved solids, etc., and then reviews basic treatment methods that are used to remove the particular characteristic from the water. By the end of the course, students will be able to design a wastewater treatment plant by developing block flow diagrams which utilize basic treatment methods to achieve the desired wastewater quality. **ADVISORY:** WTRM 101: Introduction to Water/Wastewater Technology, WTRM 107: Beginning Wastewater Treatment Plant Operation

**WTRM 120 Pollution Prevention and Storm Water Management****Units:** 3.0 **Hours:** 3.0 Lecture**Transferable:** CSU

Pollution Prevention and Storm Water Management reviews methods and regulations to prevent pollutants from reaching the waters of our rivers, streams and aquifers. It reviews methods of reducing pollutants in industrial wastewater, water reuse and water recycling. Additionally, it reviews the methods and regulations for storing hazardous wastes and materials. Lastly, it reviews the general stormwater permits for municipalities, industry and construction. At the end of this course, the student will have a fundamental knowledge of how to reduce pollution in our wastewater through effective water and process management, as well as appropriate hazardous materials and waste storage. This course also covers the implementation of methods required by the State's general permits to prevent pollution from entering stormwater runoff. **ADVISORY:** WTRM 101: Introduction to Water/Wastewater Technology; WTRM 107: Beginning Wastewater Treatment Plant Operation.

**WTRM 121 Mechanical Maintenance****Units:** 3.0 **Hours:** 3.0 Lecture**Transferable:** CSU

This course is designed to familiarize students with the basic principles of mechanical equipment design, installation, operation, maintenance, repair, overhaul and replacement. The course emphasizes understanding the value of preventative maintenance techniques such as equipment monitoring, lubrication analysis, machine alignment and scheduled overhaul. **ADVISORY:** WTRM 101: Introduction to Water/Wastewater Technology.

**WTRM 190 Occupational Work Experience / Water / Wastewater Technology****Units:** 1.0 TO 4.0 **Hours:** 5.0 TO 20.0 Laboratory**Transferable:** CSU

Occupational work experience for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA **REQUIRED:** Declared vocational major.

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**Word Processing: see CSIS**

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All courses listed here are part of Gavilan College's approved curriculum.  
All courses are not offered every semester. Check the Class Schedule for current offerings.

**WORK EXPERIENCE****CWE 190 Occupational Work Experience****Units:** 1.0 TO 4.0 **Hours:** 5.0 TO 20.0 Laboratory**Transferable:** CSU

Occupational work experience for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. **REQUIRED:** Declared vocational major.

**CWE 192 General Work Experience Education****Units:** 1.0 TO 4.0 **Hours:** 5.0 TO 20.0 Laboratory**Transferable:** CSU

General work experience for students who have a job unrelated to their major. General work experience is supervised employment which is intended to assist students in acquiring desirable work habits, attitudes and career awareness. A training plan is developed cooperatively between the employer, college and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum of 4 units. Minimum 2.00 GPA.

**CWE 290 Occupational Work Experience****Units:** 1.0 TO 4.0 **Hours:** 5.0 TO 20.0 Laboratory**Transferable:** No

Occupational work experience for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. **REQUIRED:** Declared vocational major.

**NONCREDIT CLASSES**

All courses are free of charge. Registration will take place in the Admissions and Records Office or on site at the first class meeting.

For more information, contact the Noncredit Office at (408) 852-2824.

**ALLIED HEALTH****AH 743 Healthier Living Through Tobacco Cessation****Units:** .0 **Hours:** 2.0 Lecture**Transferable:** No

This course is designed to provide the opportunity to obtain valuable education, support, and build the skills necessary to quit tobacco and live a healthier lifestyle. This course will also serve as a preventative measure for those who are considering smoking or using other tobacco related products. Discussion will focus on developing healthy coping skills, learning healthy lifestyle alternatives to smoking, and learning strategies such as Behavioral Modification Techniques and the use of Nicotine Replacement Therapy to help stop smoking. The physiological effects of tobacco on the human body will also be discussed. The course will be offered in both English and Spanish.

**AH 793 Personal and Career Development****Units:** .0 **Hours:** 1.0 TO 32.0 Laboratory**Transferable:** No

A wide variety of lectures on general themes offered to students throughout the academic year who want short-formatted content to augment their personal, academic and career development. General themes to be explored are: Communication, Interpersonal Skills, Pre-employment, Decision-Making, Financial Literacy, Career and Personal Development and Self-Management with Nutrition. This noncredit course is a combination of lecture, self-assessments, group activities and individual modules.