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OCCUPATIONAL SAFETY & HEALTH TECHNOLOGY

*Associate in Applied Science Degree in Occupational Safety and Health
Technology*

MORE INFORMATION:

602-286-8174

GATEWAYCC.EDU/OCCUPATIONAL-SAFETY-HEALTH-TECHNOLOGY



**GATEWAY
COMMUNITY COLLEGE**

A MARICOPA COMMUNITY COLLEGE



MARICOPA
COMMUNITY COLLEGES

108 N. 40th Street – Phoenix, AZ 85034

WELCOME TO THE OCCUPATIONAL SAFETY & HEALTH TECHNOLOGY PROGRAM

If you have any questions about the enclosed program material, please feel free to contact any of the following program contacts:

John Kelly, Industrial Technology Division Director/Automotive Technology Faculty
Phone (602) 286-8647 Email: kelly@gatewaycc.edu

Michael W. Bryant Occupational Safety & Health Technology, Program
Director/Faculty
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Disclaimer: This document is for informational purposes only. The official programs description can be found at: <http://www.maricopa.edu/academic/ccta/>
OSH AAS # 3762

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Maricopa County Community College District (MCCCD) is an EEO/AA institution and an equal opportunity employer of protected veterans and individuals with disabilities. A lack of English language skills will not be a barrier to admission and participation in the career and technical education programs of the college.

The Maricopa Community Colleges do not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities. For Title IX/504 concerns, call the following number to reach the appointed coordinator: (480) 731-8499. For additional information, as well as a listing of all coordinators within the Maricopa College system, <http://www.maricopa.edu/non-discrimination>.

REGISTRATION CHECKLIST

1	Submit 'Student Information Form' https://admissions.maricopa.edu/	Enrollment Services IE 1214	(602) 286-8200
2	Verify in-state residency https://my.maricopa.edu/services/admissions-records-registration/proof-identity-id-authentication	Enrollment Services IE 1214	(602) 286-8200
3	Send Official Transcript and/or High School Transcripts to Enrollment Services GateWay Community College Attn: Admissions and Records 108 North 40th Street Phoenix, AZ 85034	Enrollment Services IE 1214	(602) 286-8200
4	Take Course Placement Test (if applicable) Some courses and programs require test scores prior to enrollment. No fee required. BRING PICTURE ID. Call for times.	Testing Center IE 1252	(602) 286-8160
5	Apply for Financial Aid and Scholarships, if interested http://www.gatewaycc.edu/Pay/FinancialAid/Apply.aspx http://www.fafsa.ed.gov/index.htm	Enrollment Services IE 1214	(855) 622-2332
6	Meet with an Industrial Technology Program Advisor Explore your program options, obtain registration advisement and setup a program of study plan.	Enrollment Services IE 1214	(602) 286-8174
7	Register for Courses Schedule Available at http://classes.sis.maricopa.edu/ Enroll online at https://my.maricopa.edu	Enrollment Services IE 1214	(602) 286-8200
8	Pay Tuition and Fees Payment Plans and Payment Extensions Available. Ask for details.	Enrollment Services IE 1214	(602) 286-8200
9	Obtain Student ID, Optional Enrollment Services — BRING PICTURE ID	Enrollment Services IE 1214	(602) 286-8141
10	Obtain Parking Decal, Required Required if parking a vehicle on campus.	Enrollment Services IE 1214	(602) 286-8200
11	Purchase Books Bookstore or online at https://www.bkstr.com/gatewayccstore/home	Main Building, Bookstore MA 1200	(602) 286-8400
12	Attend a Program Orientation Session A week before the start of the semester.	Room location varies each semester.	(602) 286-8613

CAREER DESCRIPTION

Occupational Safety and Health (OSH) Professionals assist in anticipating, identifying, and controlling unsafe working conditions. This career requires you to spend a great deal of time in the field, inspecting and auditing work sites, and applying a wide range of laws, regulations, policies and procedures to new and existing conditions. You also will be required to research, develop and implement programs to correct safety and health related issues. As an OSH professional, you will assist employers in complying with Occupational Safety and Health Act (OSHA) regulations, National Fire Protection Association standards, American National Standards Institute standards, emergency management and safety management system elements. Assistance may include written reports, programs, training and onsite monitoring of toxic chemicals, noise, and hazardous waste. OSH professionals interact with all levels of management, engineers and employees. As a specialist, you will need specific written and verbal skills to inform and train employees in safe work practices. You can find employment with all levels of government agencies and with public and private businesses.

HOW TO GET STARTED

GateWay Community College is the only school in the state of Arizona to offer an Associate in Applied Science in Occupational Safety and Health Technology. This program provides the classroom and applied experience needed to become an OSHS.

EMPLOYMENT OUTLOOK

For information about employment trends, education requirements, job descriptions and salary trends, visit www.onetonline.org.

PROGRAM COST

Tuition may be as low as one quarter of the cost of state universities and private colleges.

The Maricopa County Community College District Governing Board sets tuition and fees every spring. Currently, tuition is set at \$85 per credit hour. Tuition and fees are subject to change.

For the latest tuition and fees schedule, visit gatewaycc.edu/tuition.

Textbooks are purchased or can be rented online through the bookstore at <https://www.gatewaycc.edu/bookstore> and are competitively priced.

ACCREDITATION(S)

GateWay Community College is a Maricopa Community College, accredited by the Higher Learning Commission, a Commission of the North Central Association of Colleges and Schools (30 North LaSalle St, Suite 2400, Chicago, IL. 60602 2504, (800) 621-7440, and its courses are approved by the Social Security Administration for Veterans' training school is authorized under federal law to enroll nonimmigrant alien students.

Financial aid and childcare are available. Call for more information. Contact Financial Aid at (855) 622-2332 and the Children's Learning Center at (602) 286-8130.

Associate of Applied Science (AAS) in Occupational Safety and Health Technology

Program Prerequisite: None

Admission Criteria: Satisfactory score on District Placement exam testing into MAT090 or MAT091 or MAT092

Program Notes: Student must earn a grade of "C" or better in all courses within the program.

+ indicates course has prerequisite and/or corequisites

++ indicates any module/suffixed courses.

Associates In Applied Science Required Courses

COM230, ENG101, ENG111 and MAT112 are General Education contextualized courses connected to specific OSH core courses. For specifics see the program sequence.

BIO105 or BIO160	Environmental Biology or Introduction to Human Anatomy and Physiology	4
+CHM130 and +CHM130LL OR +CHM151 and +CHM151LL	Fundamental Chemistry & Fundamental Chemistry Lab (4) General Chemistry & General Chemistry Lab (4)	4
COM230	Small Group Communication	3
+ENG101 AND +ENG111	First-Year Composition (3) Technical and Professional Writing (3)	6
GBS110 OR MGT101	Human Relations in Business and Industry (3) Techniques of Supervision (3)	3
HMT/OSH101	Introduction to Occupational Safety, Health, and Environmental Technology	3
MAT112	Mathematical Concepts and Applications	3
OSH102	Introduction to Industrial Hygiene	3
OSH106AA	Industrial Safety	3
+OSH107	Occupational Safety Principles and Practice	3
+OSH189AA	Professional Leadership & Development for Occupational Safety and Health	1
+OSH203	Safety Program Management	3
+OSH204	Health and Safety Program Management II	3
OSH206	Risk Management and Loss Control	3
+OSH218	Ergonomics	3
+OSH220	Safety and Emergency Management	3
+OSH230	Safety and Environmental Response to Hazardous Spills and Waste	3
+FAC/OSH240	Facilities Special Systems and Codes	3
Required Courses		57

To receive this degree, students must earn a grade 'C' or better in all courses within the program.
 + Indicates course has prerequisite and/or corequisite.

Restricted Electives	
Students may select zero (0) to nine (9) credits from the following courses below to obtain an additional skill set or to transfer to the university. Students should consult with the Occupational Health and Safety Program Director.	
BLT140 Environmentally Responsible Building (3) BLT263 Building Codes (3) CNS175 Working Drawing Analysis: Blueprint Reading (3) CNS180 Building Construction Methods, Materials, and Equipment (3) ELN101 eLearning Design Level I (3) ELC/FAC/HVA105 AND ELC/FAC/HVA105LL Electricity for Industry (4) FAC/HVA231 Codes (3) GLG110 AND GLG111 Geological Disasters and Environment (4) MET131 Lean Manufacturing (3) MIT120 Industrial Technology Fundamentals (3) +OSH189AB Professional Leadership and Development for Occupational Safety and Health II (1) PPT120 Energy Industry Fundamentals (3) PPT121 Power Plant Components (3) SUS100 Introduction to Sustainability (3) TQM240 Project Management in Quality Organizations (3) +OSH270AA Occupational Safety and Health Internship (1) OR +OSH270AB Occupational Safety and Health Internship (2) OR +OSH270AC Occupational Safety and Health Internship (3) +OSH290AC Case Study and Research Project (3) Recommended for students intending to transfer to the university: MAT150 College Algebra/Functions (5) OR MAT151 College Algebra/Functions (4) OR MAT152 College Algebra/Functions (3) OR Equivalent course OR Satisfactory completion of a higher level mathematics course (3-5)	0-9
General Education Requirements	6-9
General Education Core	0-3
First Year Composition Six (6) required credits are met by ENG101 and ENG111 in the Required Course Section	0
Oral Communications Oral Communications is met by COM230 in the Required Course Section	0
Critical Reading +CRE101 College Critical Reading OR +CRED111 Critical Reading for Business and Industry OR Equivalent by assessment	0-3
Mathematics is met by MAT112 in the Required Courses area OR Equivalent course OR Satisfactory completion of a higher level mathematics course OR Met by satisfactory completion of mathematics course from the Restricted Electives area.	0
General Education Distribution	6
Humanities, Art and Design- Any approved general education course from the Humanities, Arts and Design area or SSH111 Sustainable Cities is recommended	3
Social and Behavioral Sciences - Any approved general education course from the Social-Behavioral Sciences area	3
Natural Sciences Met by CHM130 and CHM130LL, or CHM151 and CHM151LL in Required Courses	0
Total Require Credits for Associate In Applied Science	63-75

SUGGESTED COURSE SEQUENCE FOR OCCUPATIONAL SAFETY & HEALTH DEGREE

FALL START

Students should enroll in ENG101 First Year Composition for OSH students as this is a contextualized course to complement HMT/OSH106AA. Please see an Advisor for assistance.

1 st Semester, Fall				
Course	Credit	Tuition	Course Fees	Book
BIO105 OR BIO160	4	\$340	\$20	
+ENG101 for OSH Students	3	\$255		
HMT/OSH101	3	\$255	\$25	
OSH106AA	3	\$255	\$40	

Students should enroll in MAT112 Mathematical Concepts and Applications for OSH students as this is a contextualized course to complement OSH102. Please see an advisor for assistance.

Students may select zero (0) to nine (9) credits from the following restricted elective courses below to obtain an additional skill set or to transfer to the university. Students should review the Program of Study restricted electives list and consult with the Occupational Health and Safety Program Director.

2 nd Semester, Spring				
Course	Credit	Tuition	Course Fees	Book
+CRE101 OR +CRE111 OR Equivalent by Assessment	0-3	\$0 - \$255		
MAT112	3	\$255		
OSH102	3	\$255	\$25	
+OSH107	3	\$255	\$25	
+OSH189AA	1	\$85		
Restricted Elective(s)	0-33	\$0 - \$255		

Students may select zero (0) to nine (9) credits from the following restricted elective courses below to obtain an additional skill set or to transfer to the university. Students should review the Program of Study restricted electives list and consult with the Occupational Health and Safety Program Director.

3 rd Semester, Summer				
Course	Credit	Tuition	Course Fees	Book
Any approved general education course from the Social-Behavioral Sciences	3	\$255		
GBS110 OR MGT101	3	\$255		
Restricted Electives (0-3) Recommended Electives: OSH270AA (1) OSH270AB (2) OSH270AC (3) OSH290AC (3)	0-3	\$0 - \$255	\$25	

COURSE SEQUENCING

SUGGESTED COURSE SEQUENCE FOR OCCUPATIONAL SAFETY & HEALTH DEGREE

Students should enroll in ENG111 Technical and Professional Writing for OSH students as this is a contextualized course to complement OSH203. COM230 Small Group Communication for OSH students is a contextualized course to complement OSH203. Please see an advisor for assistance.

4 th Semester, Fall				
Course	Credit	Tuition	Course Fees	Book
+ENG111	3	\$255		
+CHM130 AND +CHM130LL OR +CHM151 AND CHM151LL	4	\$340		
COM230	3	\$255		
+OSH203	3	\$255	\$25	
+OSH218	3	\$255		
+FAC/OSH240	3	\$255		

Students may select zero (0) to nine (9) credits from the following restricted elective courses below to obtain an additional skill set or to transfer to the university. Students should review the Program of Study restricted electives list and consult with the Occupational Health and Safety Program Director.

5 th Semester, Spring				
Course	Credit	Tuition	Course Fees	Book
+OSH204	3	\$255	\$25	
OSH206	3	\$255	\$25	
+OSH220	3	\$255		
+OSH230	3	\$255	\$125	
Any approved general education course from the Humanities, Arts and Design area. SSH111 is recommended	3	\$255		
Restricted Elective(s) (3) Restricted Elective(s) recommended for students intending to transfer to the university: MAT150 (5) OR MAT151(4) OR MAT152 (3) OR Equivalent course OR Satisfactory completion of a higher level mathematics course (3-5)	0-5	\$0 - \$425	Dependent on Elective	

PROGRAM COST

OCCUPATIONAL SAFETY & HEALTH DEGREE AND CERTIFICATE COST ESTIMATE

Program	Tuition	Course Fees	Total
Associate of Applied Science in Occupational Safety & Health	\$5,355-\$6,375	\$360	\$5,715-\$6,735

Please note that these are only estimates and do not include books. These estimates may change based on increases to tuition, course fees and book cost. Estimates are based on the 2018 – 2019 tuition rates for in-county students. Additional fees may apply.

COLLEGE CONTACT INFORMATION

Admissions, Registration and Records.....	(602) 286-8200
Adult Re-Entry.....	(602) 286-8900
Apprenticeship Programs.....	(602) 286-8681
Assessment/Testing Center.....	(602) 286-8160
Bookstore.....	(602) 286-8400
Cafeteria.....	(602) 286-8308
Career and Employment Service Center.....	(602) 286-8500
College Safety.....	(602) 286-8911
Cashier's Office.....	(602) 286-8277
Cashier's TIP Hotline.....	(602) 286-8286
Children's Learning Center.....	(602) 286-8130
College Information.....	(602) 286-8000
Counseling.....	(602) 286-8900
Disabilities Services.....	(602) 286-8888
Financial Aid.....	(602) 286-8300
Institute for Computer Training (ICT) Lab.....	(602) 286-8565
Learning Center.....	(602) 286-8800
Library.....	(602) 286-8454
Phone Registration.....	(602) 286-8100
Student Activities/Clubs.....	(602) 286-8700
Veteran Services.....	(602) 286-8076