

Corrosion Technology +8444

This two-year Associate of Applied Science degree prepares the student for the most common fields of corrosion control and integrity management. This highly specialized degree is suitable for careers in manufacturing companies, operating companies and government agencies. The program includes hands-on training with state-of-the-art equipment and computer-based research. There is a practical internship and opportunity to become certified by NACE International as a Level I Corrosion Technician and/or Level I Cathodic Protection Tester. This degree also prepares the student for future certification as a NACE Level I Coatings Inspector, NACE Level I Internal Corrosion Technologist and/or NACE Level I PCIM Technician (see latest NACE certification requirements for details).

First Year		
First Semester		
Course		Semester Hours
METL 1313	Introduction to Corrosion	3
ELPT 1311	Basic Electrical Theory	3
ENGL 1301	Composition I	3
MATH 1314	College Algebra	3
SPCH	Speech Elective	3
		15
Second Semester		
Course		Semester Hours
METL 2341	Cathodic Protection	3
.....	Social & Behavioral Science Elective	3
MATH 1316	Plane Trigonometry	3
.....	Humanities/Fine Arts Elective	3
		12
Second Year		
First Semester		
Course		Semester Hours
CHEM 1411	General Chemistry I	4
METL 2301	Internal Corrosion Control	3
DFTG 1325	Blueprint Reading and Sketching	3
MATH 1342	Elementary Statistical Methods	3
METL	METL 1366 or METL 2372	3
		16
Second Semester		
Course		Semester Hours
CHEM	Chem 1407 or Chem 1412	4
METL 2305	Atmospheric Corrosion Control	3
.....	Technical Elective (Choose from Technical Elective Group below)	3
METL 1301	Introduction to Metallurgy	3
METL 2471	Corrosion Integrity Management**	4
		17
		Total Hours 60

Technical Elective Group: BCIS 1305, DFTG 1309, ENGL 2311, METL 1391, NDTE Elective, PTRT Elective, WLDG 1421, OSH 1301, or OSH 1371.

+ Course of study identification number.

** Capstone Experience.

Prerequisite: Student must be TSI complete in MATH, READ and ENGL to enroll in ELPT or METL classes.

Note: A student who completes the required courses with an overall average of C may receive an Associate of Applied Science degree.