

Corrosion Technology Certificate (CORE)

This one year certificate prepares the student to carry out corrosion work at a technician level, which primarily involves collection of data, installations, minor repairs, and coating inspection. There is an opportunity to become certified by NACE International as a NACE Level 1 Corrosion Technician and/or NACE Level I Cathodic Protection Tester. It also prepares the student for future certification as a NACE Level I Coating Inspector, NACE Level I Internal Corrosion Technologist, and/or NACE Level I PCIM Technician (See latest NACE certification requirements for details.)

First Semester

Course	Semester Hours
METL 1313> Introduction to Corrosion	3
DFTG 1325 Blueprint Reading and Sketching	3
ELPT 1311 Basic Electrical Theory	3
BCIS 1305 Business Computer Applications	3
METL 2301 Internal Corrosion Control	3
	15

Second Semester

Course	Semester Hours
METL 2341 Cathodic Protection	3
METL 1301 Introduction to Metallurgy	3
NDTE 1305 Introduction to Ultrasonics	3
METL 2305 Atmospheric Corrosion Control	3
METL 2471 Corrosion Integrity Management**	4
	16
Total Hours	31

+ Course of study identification number.

** Capstone Experience.

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

Note: A student who completes the required courses with an overall average of C may receive a Certificate of Completion in Corrosion Technology.