



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 |
|------------|------------------------------------|----------------|
| BCIS 1305 | Business Computer Applications | 3 |
| METL 1313> | Introduction to Corrosion | 3 |
| TECM 1343 | Technical Algebra and Trigonometry | 3 |
| ELPT 1311 | Basic Electrical Theory | 3 |
| METL 2301 | Internal Corrosion Control | 3 |
| | | 15 |

Second Semester

| Course | | Semester Hours |
|-----------|----------------------------------|-----------------------|
| METL 2305 | Atmospheric Corrosion Control | 3 |
| METL 2341 | Cathodic Protection | 3 |
| DFTG 1325 | Blueprint Reading and Sketching | 3 |
| METL 2471 | Corrosion Integrity Management** | 4 |
| ENTC 1347 | Safety and Ergonomics | 3 |
| | | 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 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.