

CORROSION TECHNOLOGY, CERTIFICATE

Certificate in Corrosion Technology (285000C)

The objective of this certificate is to enhance student knowledge of the fundamentals of corrosion technology, including forms of corrosion, types of corrosive environments, material selection, corrosion control, testing, monitoring and treatment.

Program Contacts

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The following information has official approval of **The Department of Engineering and Science Technology** and **The College of Engineering and Polymer Science**, but is intended only as a guide. Completion of this certificate is contingent upon many factors, including but not limited to: class availability, total number of required credits, work schedule, finances, family, course drops/withdrawals, successfully passing courses, prerequisites, among others.

The following courses constitute a "Certificate in Corrosion Technology" and must be completed with a minimum grade point average of 2.0 overall for the certificate to be noted on the student's record.

Summary

Code	Title	Hours
Required Courses		5
Electives		12
Total Hours		17

Required Courses

Code	Title	Hours
2850:100	Introduction to Corrosion Technology	2
2850:200	Advanced Corrosion Technology	3
Total Hours		5

Electives

Code	Title	Hours
Complete one course from each of the following four categories		12

Chemistry I Courses

2820:111 Introductory Chemistry
or 3150:151 Principles of Chemistry I

Chemistry II Courses

2820:112 Introductory & Analytical Chemistry
or 3150:153 Principles of Chemistry II

Circuits Courses

2860:122 AC Circuits
or 2860:370 Survey of Electronics I
or 4400:307 Basic Electrical Engineering

Materials/Devices Courses

2920:142 Introduction to Material Technology
or 2860:225 Applications of Electronic Devices
or 4200:305 Materials Science
or 4300:202 Introduction to Mechanics of Solids

Total Hours	12
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