

CORROSION ENGINEERING TECHNOLOGY, AAS

Associate of Applied Science in Corrosion Engineering Technology (285000AAS)

More on the Corrosion Engineering Technology major (<https://www.uakron.edu/est/corrosion-engineering-technology/>)

Program Contact

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Program Description

The AAS in Corrosion Engineering Technology program includes classroom and laboratory experiences which prepare students for careers in the corrosion industry and other allied industries.

Career Information

A person with an associate degree in Corrosion Engineering Technology can find employment in any industry that is impacted by material degradation. Examples include the oil and gas, chemical processing, and construction industries.

The program prepares the student to evaluate corrosion of materials in the field and apply strategies for mitigating corrosion. In completing the AAS degree in Corrosion Engineering Technology, the student will also be prepared to pass certification tests in Basic Corrosion and Cathodic Protection offered by NACE.

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 supplemental guide. Official degree requirements are established at the time of transfer and admission to the degree-granting college. Students should refer to the Degree Progress Report (DPR), which is definitive for graduation requirements. *Completion of this degree within the identified time frame below 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 transfer process is completed through an appointment with your academic advisor.

Transfer students should consult their Advisor to identify courses that are equivalent.

1st Year		Hours
Fall Semester		
2020:121	English	3
2030:153	Technical Mathematics III	2
2040:240	Human Relations	3
2420:263	Professional Communications and Presentations	3
2820:111	Introductory Chemistry ¹	3

2850:120	Corrosion Engineering Technology Fundamentals I	3
Hours		17

Spring Semester

2020:222	Technical Report Writing	3
2030:154	Technical Mathematics IV	3
2820:112	Introductory & Analytical Chemistry ²	3
2820:160	Technical Physics: Mechanics	4
2850:121	Corrosion Engineering Technology Fundamentals II	4
Hours		17

2nd Year

Fall Semester

2040:244 or 2040:254 or 2040:256	Death & Dying or The Black Experience from 1619-1877 or Diversity in American Society	2-3
2820:163	Technical Physics: Electricity & Magnetism (Sch. Lab)	2
2850:220	Strategies for Corrosion Prevention	4
2920:142	Introduction to Material Technology ²	3
2990:125	Statics	3
Hours		14-15

Spring Semester

2040:247	Survey of Basic Economics	3
2850:221	Corrosion Engineering Technology Projects	4
2880:241	Introduction to Quality Assurance	3
2990:225	Strength of Materials	3
Hours		13
Total Hours		61-62

¹ Traditionally Fall only (see Program Contact)

² Traditionally Spring only (see Program Contact)

Policy Alert: By the end of your first 48 credit hours attempted, you must have completed your required General Education English, Mathematics, and Communications (Speech) requirements.