



CORROSION TECHNOLOGY CAREER PATHWAY MAP

Below is the recommended course sequence. The blank worksheet on the back is for your personalized map. Please read all **NOTES** carefully.

✓	COURSE	SEMESTERS OFFERED	HRS
<input type="checkbox"/>	1. BCIS 1305 Business Computer Applications	F, Sp, Su	3
<input type="checkbox"/>	2. METL 1313 Introduction to Corrosion	F, Sp	3
<input type="checkbox"/>	3. TECM 1343 Technical Algebra and Trigonometry	F, Sp	3
<input type="checkbox"/>	4. ELPT 1311 Basic Electrical Theory	F, Sp	3
<input type="checkbox"/>	5. METL 2301 Internal Corrosion Control	F, Sp	3
			<i>15 hours</i>
<input type="checkbox"/>	6. METL 2305 Atmospheric Corrosion Control	F, Sp	3
<input type="checkbox"/>	7. METL 2341 Cathodic Protection	F, Sp	3
<input type="checkbox"/>	8. DFTG 1325 Blueprint Reading and Sketching	F, Sp	3
<input type="checkbox"/>	9. METL 2371 Corrosion Integrity Management	F, Sp	3
<input type="checkbox"/>	10. ENTC 1347 Safety and Ergonomics	F, Sp	3
	*** CORROSION TECHNOLOGY CERTIFICATE EARNED ***		<i>30 hours</i>
<input type="checkbox"/>	11. METL 1266 or METL 1291	Su	2
			<i>32 hours</i>
<input type="checkbox"/>	12. CHEM 1405, CHEM 1406, CHEM 1409, or CHEM 1411	F, Sp	4
<input type="checkbox"/>	13. <i>MUSI 1306 Music Appreciation *</i>	F, Sp	3
<input type="checkbox"/>	14. <i>PSYC 2301 General Psychology *</i>		3
<input type="checkbox"/>	15. METL 1301 Introduction to Metallurgy	F, Sp	3
<input type="checkbox"/>	16. METL 2372 Corrosion Operator Qualifications	F	3
			<i>48 hours</i>
<input type="checkbox"/>	17. NDTE 1310 Liquid Penetrant and Magnetic Particle Testing	Sp	3
<input type="checkbox"/>	18. METL 2373 Corrosion Operator Qualifications 2	Sp	3
<input type="checkbox"/>	19. <i>SPCH 1318 Interpersonal Communication *</i>	F, Sp, Su	3
<input type="checkbox"/>	20. <i>ENGL 1301 Composition I</i>	F, Sp, Su	3
	*** ASSOCIATE OF APPLIED SCIENCE DEGREE EARNED ***		<i>60 hours</i>
	NOTE: Check with the Office of Financial Aid as aid may not be available beyond degree completion and/or 60 hours.		

NOTES:

- * Refer to Core Curriculum and KC Catalog for all possible course options.
- a) Courses in **bold** have a pre-requisite (previous course required).
- b) Courses in *italics* can be taken in any order.
- c) ENGL 1301 and TECM 1343 may require a co-requisite and/or developmental course depending on TSI Scores.
- d) Refer to KC Catalog for Certificate of Completion and AAS Degree Requirements.

CAREER OPPORTUNITIES

Corrosion Technician
Corrosion Inspector
Coatings Inspector
Cathodic Protection Technician
Integrity Management Technician
PHMSA / DOT Pipeline Auditor

CONTACT INFORMATION

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ADVANCED DEGREE/CREDENTIAL OPPORTUNITIES

NCCER - OQ Certifications (Corrosion Level 1 & 2)
NACE - Cathodic Protection Tester (CP1)
UT-Tyler - BAAS, Industrial Management
or BS, Industrial Technology

LINKS TO COLLEGES AND PROFESSIONAL ORGANIZATIONS:

NACE International, <https://www.nace.org>
UT at Tyler, <https://www.uttyler.edu>