

# INSPECTION TECHNOLOGIES, NONDESTRUCTIVE TESTING TECHNOLOGY, ASSOCIATE OF APPLIED SCIENCE



## Fourth Term

NDTE 2411 or WLDG 2455	Welding Inspection or Advanced Metallurgy	4
NDTE 2401	Advanced Ultrasonics: Phased Array and A.U.T.	4
ENGL 1301	Composition I	3
Social and Behavioral Sciences		3
<b>Credits</b>		<b>14</b>
<b>Total Credits</b>		<b>60</b>

Capstone Experience: NDTE 2401

<sup>1</sup> May use MATH 1314 College Algebra if transferring to a baccalaureate program.

## Plan of Study

3INSP-NDT

First Term		Credits
QCTC 1470	Introduction to the Inspection Industry	4
METL 1313	Introduction to Corrosion	3
NDTE 1410	Liquid Penetrant, Magnetic Particle and Visual Testing: Level I & II	4
QCTC 1448	Metrology and Prints	4
<b>Credits</b>		<b>15</b>
Second Term		Credits
QCTC 2331	Standards and Codes	3
NDTE 1301	Radiographic Film Interpretation of Weldments	3
NDTE 1405	Introduction to Ultrasonics: Level I & II	4
METL 1401	Introduction to Metallurgy	4
<b>Credits</b>		<b>14</b>
Summer Year One Term		Credits
MATH 1332 or MATH 1314	Contemporary Mathematics (Quantitative Reasoning) <sup>1</sup> or College Algebra	3
<b>Credits</b>		<b>3</b>
Third Term		Credits
NDTE 1454	Intermediate Ultrasonics: Flaw Detection and Sizing	4
NDTE 1440	Eddy Current Testing	4
Select one of the following:		3
SPCH 1311	Introduction to Speech Communication	
SPCH 1315	Public Speaking	
SPCH 1318	Interpersonal Communication	
SPCH 1321	Business and Professional Speech	
Language, Philosophy and Culture (Humanities) or Creative Arts (Fine Arts)		3
<b>Credits</b>		<b>14</b>