School of Advanced Manufacturing
Nondestructive Testing **Associate of Applied Technology (AAT) Degree Program Map** 2023-2024

Student Name: (First, Last):			Student EMPL #:		Date:
Total Units: 116	**Total Cost**: www.cptc.edu/feelists		**Target Start Date:**	**Target Grad. Date:**	**Staff Initials:**

Important Information For Educational Planning

Prerequisites:
- Successful completion of ENG 091 *or* equivalent
- Successful completion of MAT 092 by the end of the first term of program *or* instructor approval

Program Information:
- **Note:** College level math must be completed prior to the 4th term of program
- **Note:** NDT 185 must be completed prior to 4th term *(only offered Fall and Spring terms)*
- **Program Starts:** Fall and Spring terms
- **Program class times:** In person, hybrid depending on the quarter
- **This Degree could lead to a BAS degree at CPTC.**

Program Courses		Units	Status	Total Term Units
Term 1 Spring/Fall	NDT 108 Introduction to NDT	5		
	NDT 113 Materials and Process for NDT I	5		
	NDT 121 Materials and Process for NDT II	5		
	NDT 185 Physics for Nondestructive Testing Majors *(please see program information above)*	5		
	COLL 102 College Success for All	3		*23*
Term 2 Winter/Sum	MS 123 Fundamentals of Welding for the Non-welding Major	5		
	MS 126 Fundamentals of Composites for the Non-Composite Tech	4		
	MS 131 Blueprint Reading Fundamentals	3		
	Any 100-level Math course *(Pre-req: MAT 92 or equivalent)*	5		**17**
Term 3 Fall/Spring	NDT 120 Visual & Optical Testing	5		
	NDT 125 Magnetic Particle Testing	5		
	NDT 130 Liquid Penetrant Testing	5		
	ENGL& 101 English Composition I *or* CMST& 220 Public Speaking	5		
	REMINDER: NDT 185 and college level Math must be completed by 4th term.			**20**
Term 4 Summer	NDT 140 Eddy Current Testing I *(Pre-req: NDT 185)*	5		
	NDT 170 Eddy Current Testing II	5		
	NDT 210 Eddy Current Testing III	5		
	NDT 240CAP Capstone Project *or* NDT 250 NDT internship (1-11 units) *In last term of Program	3		
	PSYC& 100DIV General Psychology *or* SOC& 101DIV Introduction to Sociology	5		**23**
Term 5 Winter	NDT 150 Ultrasonic Testing I *(Pre-req: NDT 185)*	5		
	NDT 180 Ultrasonic Testing II	5		
	NDT 220 Ultrasonic Testing III	5		
	NDT 240CAP Capstone Project *or* NDT 250 NDT internship (1-11 units) *In last term of Program	3		
	Approved Computer Literacy course: **CAH 105 Computer Applications, CAS 115 Intro to Computing, CAS 121 Word I, CAS 130 Excel I, CAS 141 PowerPoint -Or** complete the CL Prior Learning Assessment (PLA). **https://www.cptc.edu/enrollment-services/pla**	3		**23**
Term 6 Fall/Spring	NDT 160 Radiographic Testing I *(Pre-req: NDT 185)*	5		
	NDT 190 Radiographic Testing II	5		
	NDT 230 Radiographic Testing III	5		**23**

*Status Key: **X**=Completed course, **TR**= Transferred course, **IP**= In Progress   **Note:** Unit=Credit*

Math	Student Placement
Adult Basic Education (ABE Math) contact Transitional Studies Dept. Bldg. 10 (253) 589-5702	☐
MAT 103/MATSI 103 Business Math *or* MAT 105/MATSI 105 Math for Industrial Professions w/ supplemental Instruction (8 Units)	☐
Stand Alone: MAT 103 Business Math *or* MAT 105 Math for Industrial Professions (5 Units)	☐

English	Student Placement
Adult Basic Education (ABE English) contact Transitional Studies Dept. Bldg. 10 (253) 589-5702	☐
ENGL& 101/ENSI 101 English Composition w/ supplemental Instruction (8 Units)	☐
Stand Alone (choose one): ENGL& 101 English Composition (5 Units)	☐

Individualized Program Map

Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:

Program Instructor: Michael Gilmore   **email:** michael.gilmore@cptc.edu

Program Counselor: Taylor McGovern   **email:** taylor.mcgovern@cptc.edu

Transferring Course Work into CPTC: www.cptc.edu/transfer-to   **Email Contact** evaluator@cptc.edu

Graduation Application: www.cptc.edu/enrollment-services >Transcripts & Graduation >Degree/Certificate Application.   Graduation Ceremony Information (Commencement) > Graduation Info

Career Outlook sites: www.onetonline.org   www.worksourcewa.com

Notes:

*Please check in periodically with Advising and Counseling regarding any potential changes to program course requirements