## Nondestructive Testing AAT/AAS-T

Program Start: Fall and Spring Length: 8 Quarters Prerequisites: None Total College Credits: 116-121 AAS-T Degree has additional General Education Requirements.

Students are encouraged to check with the RS counselor for more information about program requirements.

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| High School | College |
| Core Science Credit | Fundamentals of Composites for the Non-Composites Technician – MS 126 (4 credits) Blueprint Reading Fundamentals – MS 131 (3 credits)Introduction to NDT – NDT 108 (5 credits)Materials and Processes for NDT I – NDT 113 (5 credits) Visual and Optical Testing – NDT 120 (5 credits) Materials and Processes for NDT II – NDT 121 (5 credits) Magnetic Particle Testing – NDT 125 (5 credits)Liquid Penetrant Testing – NDT 130 (5 credits) Eddy Current Testing I – NDT 140 (5 credits) Ultrasonic Testing I – NDT 150 (5 credits) Radiographic Testing I – NDT 160 (5 credits) Eddy Current Testing II – NDT 170 (5 credits) Ultrasonic Testing II – NDT 180 (5 credits)Physics for NDT Professionals – NDT 185 (5 credits) Radiographic Testing II – NDT 190 (5 credits)Eddy Current Testing III – NDT 210 (5 credits) Ultrasonic Testing III – NDT 220 (5 credits) Radiographic Testing III – NDT 230 (5 credits) |
| Core Math Credit | Any 100-Level Math Class (5 credits) |
| Core English Credit | English Composition I – ENGL& 101 (5 credits)Public Speaking – CMST& 220 (5 credits) |
| Core Social Studies | General Psychology – PSYC& 100DIV (5 credits) |
| CTE Credits/Optional Elective | College Success for All – COLL 102 (3 credits)Fundamentals of Welding for the Non-Welding Major – MS 123 (5 credits) Capstone Project – NDT 240CAP (3 credits)NDT Internship – NDT 250 (1-11 credits) |