| | INDT – Quality Assurance TC - LEARNING OUTCOMES | | | | | | | | | |
|---------------------|---|---|---|--|--|--|---|--|--|--|
| REQUIRED COURSES | (a) Demonstrate knowledge of basic quality control concepts that impact the Industrial Technology industry. | (b) Utilize troubleshooting and communication skills to report quality standards for manufactured products. | (c) Describe how the hazards associated with mechanical equipment and apply appropriate safety methods for working around industrial machinery. | (d) Teamwork – Function effectively as a member of a technical team. | (e) Identify and Solve Problems – Identify, analyze, and solve narrowly defined technical problems. | (f) Communication Apply written, oral and graphical communication skill in both technical and non-technical environments; identify and use appropriate tech literature. | (g) Lifelong learning – Recognize the need for, and benefits of continuing professional development. | (h) Professional/Ethic al/Diversity — Recognize the need for professional and ethical responsibilities, including a respect for diversity. | (i) Quality, Continuous Improvement – Demonstrate a commitment to quality, timeliness, and continuous improvement. | |
| ADMF 101 | | | I,A | I | I,A | | | | | |
| ADMF 102 | I,A | I,A | R | R | R | | | | | |
| ADMF 201 | I,R | | | | R | I | | | I,R | |
| ADMF 211 | I,R | | | | R | R | | | I,R | |
| INDT 108 | R | | | R | R | I | | | | |
| QUAL 101 | I,R | ı | | | R | R | | | I,R | |
| QUAL 102 | I,R | ı | | | R | R | | | I,R | |
| QUAL 201 | R | R | | | R | R | | | I,R | |
| QUAL 206 | R | | | R | | I,R | | | I,R | |
| | | | | | | | | | | |
| COMM 104 | | | | I,A | | I,A | | I, R | | |
| IVYT 113 | | | | I | | I | I | I | I | |
| MATH 122 | | | | I | I,A | I | | | | |
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(I = Introduce; R= Reinforce; M = Mastery; and A = Assessment Opportunity)

| | INDT – Quality Assurance AAS - LEARNING OUTCOMES | | | | | | | | | |
|---------------------|---|---|--|--|---|--|--|--|--|--|
| REQUIRED COURSES | (a) Demonstrate knowledge of the basic and emerging principles and concepts that impact the Industrial Technology industry. | (b) Utilize electrical/mechani cal troubleshooting and communication skills to diagnose, repair, test, and return to service failed components. | (c) Describe the hazards associated with welders, automated processes, industrial machines and motors, to determine appropriate safety methods for working around industrial machinery | (d) Teamwork – Function effectively as a member of a technical team. | (e) Identify and Solve Problems – Identify, analyze, and solve narrowly defined technical problems. | (f) Communication – Apply written, oral and graphical communication skill in both technical and non-technical environments; identify and use appropriate tech literature. | (g) Lifelong learning – Recognize the need for, and benefits of continuing professional development. | (h) Professional/Ethic al/Diversity – Recognize the need for professional and ethical responsibilities, including a respect for diversity. | (i) Quality, Continuous Improvement – Demonstrate a commitment to quality, timeliness, and continuous improvement. | |
| ADMF 101 | | | I,A | I | I,A | | | | | |
| ADMF 102 | I,A | I,A | R | R | R | | | | | |
| ADMF 201 | I,R | | | | R | I | | | I,R | |
| ADMF 211 | I,R | | | | R | R | | | I,R | |
| INDT 108 | R | | | R | R | I | | | | |
| QUAL 101 | I,R | I | | | R | R | | | I,R | |
| QUAL 102 | I,R | I | | | R | R | | | I,R | |
| QUAL 201 | R | R | | | R | R | | | I,R | |
| QUAL 206 | R | | | R | | I,R | | | I,R | |
| COMM 104 | | | | I,A | | I,A | | I, R | | |
| IVYT 113 | | | | ı | | ı | I | I | I | |
| MATH 122 | | | | I | I,A | ı | | | | |
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| ADMF 106 | | | I,R | I,R | I,R | I,R | I,R | I,R |
|----------------|--|---|-----|-----|-------|-----|-----|-----|
| INDT 260 | | | R | R | R | R | R | R |
| INDT 279 | | А | R | | R | R | R | R |
| ENGL 111 | | | | I,R | I,R,A | | I | |
| *SCIN XXX XXX | | | I | I,R | I,R | | I | |
| **HUMA XXX XXX | | | | I,R | I,R | | I,R | |
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^{*} Note: Science elective options consist of SCIN 100, SCIN 101, PHYS 100, CHEM 111

^{**}Note: Program data indicates that the majority of INDT students will take HIST 101, PSYC 101, ARTH 101, SOCI 111, or SPAN 101 to fulfill the Humanities / Social Science elective requirement.