

Industrial Technology Assessment Plan
Rev. 11/18/2020

Industrial Technology	16-17	17-18	18-19	19-20	20-21	21-22
INDTB10 - Industrial Technology Careers						
• 1. Upon successful completion of the course, the student will be able to identify and assess personal characteristics such as personality, values, skills, and interests and understand how this information may integrate toward effective career and life decisions.			C	C	P	P
• 2. Upon successful completion of the course, the student will be able to identify career specific and transferrable job skills and develop a relevant education plan.			C	C	P	P
• 3. Upon successful completion of the course, the student will be able to identify appropriate and relevant information to successfully create their own resume and cover letter.			C	C	P	P
• 4. Upon successful completion of the course, the student will be able to analyze several decision-making models and implement a specific model to make a career choice.			C	C	P	P
INDTB48WE - Occupational Work Experience Education/Internship						
• Upon completion the student will be able to: Articulate the specific work experience objectives in Industrial Technology as described by employer and identify the various skills, knowledge and attitudes necessary to the accomplishment of those objectives.					P	P
• Upon completion the student will be able to: Demonstrate the acquisition of the various skills, knowledge and attitudes necessary to the completion of the work experience objectives in Industrial Technology and the ability to effectively meet employer's job expectations.					P	P
• Upon completion the student will be able to: Identify and analyze the application of acquired skills, knowledge and attitudes to career opportunities in Industrial Technology.					P	P
INDTB72 - Special Problems in Electronics						
• 1. Upon successful completion of the course, the student will have adequately demonstrated the abilities to research, plan, assemble the needed materials and resources, implement, and assess/evaluate the performance and/or quality of a significant project or complex procedure or operation.					P	P
• 2. Upon successful completion of the course, the student will have participated in one or more activities designed to instruct, demonstrate, direct, and supervise other students in Electronics and Automation Technology courses.					P	P
• 3. Upon successful completion of the course, the student will have evaluated his/her performance regarding project management, project/task implementation, instructing and demonstrating electronics and automation technical knowledge and skills, and employability skills using feedback provided by peer assessments and performance reviews.					P	P
INDTB271 - Special Problems in Welding						
• Upon completion the student will be able to: SLO #1: Safety Student will illustrate the concepts of safety, correct tool usage, and apply these skills in the lab environment.					P	P
• Upon completion the student will be able to: SLO #2: SMAW Students will summarize the setup and operation of Shielded Metal Arc Welding equipment, and apply knowledge in lab					P	P
• Upon completion the student will be able to: SLO #3: GMAW Students will summarize the setup and operation of Gas Metal Arc Welding equipment.					P	P
• Upon completion the student will be able to: SLO #4: FCAW Students will summarize the setup and operation of Flux Cored Arc Welding equipment.					P	P
• Upon completion the student will be able to: SLO #5: GTAW Students will demonstrate the setup and operation of Gas Tungsten Arc Welding equipment on mild steel, and aluminum.					P	P
• Upon completion the student will be able to: SLO #6: Oxy-Acetylene Cutting Students will illustrate the setup and operation of Oxy-Acetylene cutting equipment and demonstrate safe use to peers.					P	P
• Upon completion the student will be able to: SLO #7: Plasma Arc Cutting Students will summarize the setup and operation of Plasma Arc cutting equipment and demonstrate safe use to peers					P	P
• Upon completion the student will be able to: SLO #8: Welding Certification Students will explain when a welder is certified to a welding procedure and be able to explain welder qualification to others.					P	P
• Upon completion the student will be able to: SLO #9: Welding Codes Students will demonstrate the relationship of codes to welds being made, and be able to transfer that knowledge to other students.					P	P

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INDTB275 - Special Problems in Automotive Technology						
• Upon completion the student will be able to: Instruct, demonstrate, direct, and supervise other students in automotive technology courses.					P	P
• Upon completion the student will be able to: Plan, assemble the needed materials and resources, implement, and assess/evaluate the performance and/or quality of a significant project or complex procedure or operation.					P	P
• Upon completion the student will be able to: Evaluate his/her performance regarding project management, project/task implementation, instructing and demonstrating automotive technical knowledge and skills, and employability skills using feedback provided by peer assessments and performance reviews.					P	P