Assessment Plan

Program: Instrumentation and Control Technology

Degree: Associate in Arts or Associate in Applied Science

Program Learning Outcomes:
1. Demonstrate the proper handling of materials used for instrument installation.
2. Demonstrate the appropriate practices relating to process theory, drawing and fundamentals.
3. Demonstrate proper handling and installation of input devices, output devices and function of control loops.
4. Demonstrate the appropriate practices relating to motor theory, power circuits and control circuits.
5. Demonstrate the appropriate practices relating to control systems including logic, processing and networks.
6. Demonstrate the appropriate practices relating to process control technologies.

Assessment Cycle:

	AY 2018-2019	AY 2019-2020	AY 2020-2021	AY 2021-2022
Outcome #1	A ICTL 205 Fall	R	A ICTL 205 Fall	R
Outcome #2	R	A ICTL 215 Fall	R	A ICTL 215 Fall
Outcome #3	R	A ICTL 225 Fall	R	A ICTL 225 Fall
Outcome #4	A ICTL 235 Spring	R	A ICTL 235 Spring	R
Outcome #5	A ICTL 245 Spring	R	A ICTL 245 Spring	R
Outcome #6	R	A ICTL 255 Spring	R	A ICTL 255 Spring
IELO	A ICTL 255	R	A ICTL 255	R

A = Assessment evidence collected
R = Reflect on data, action plan devised, prep year

Program Curriculum Map

Program Learning Outcomes:

1. Demonstrate the proper handling of materials used for instrument installation.
2. Demonstrate the appropriate practices relating to process theory, drawing and fundamentals.
3. Demonstrate proper handling and installation of input devices, output devices and function of control loops.
4. Demonstrate the appropriate practices relating to motor theory, power circuits and control circuits.
5. Demonstrate the appropriate practices relating to control systems including logic, processing and networks.
6. Demonstrate the appropriate practices relating to process control technologies.

	Semester Offered	PROGRAM LEARNING OUTCOMES						IELO
		#1	**#2**	**#3**	**#4**	**#5**	**#6**	**Problem Solving**
ICTL 205	Fall	X, A						
ICTL 215	Fall	X	X, A					
ICTL 225	Fall	X	X	X, A				
ICTL 235	Spring	X	X		X, A			
ICTL 245	Spring	X	X	X	X	X, A		
ICTL 255	Spring	X	X	X	X	X	X, A	X, A
Electronics	Fall, Spring	Refer to the Electronics Program Assessment Plan						
General Education Courses	Fall, Spring, Summer							

X = Material introduced, reinforced, and/or opportunity to practice

A = Assessment evidence collected (e.g., lab activity, exam, paper, assignment, etc.)