### Mission Statement


### Measures

#### Nocti Mechatronics Outcome Set

**Learning Outcome**

**Learning Outcome: Safety**
The learner will demonstrate proper workplace safety policies and procedures.

#### Measure: NOCTI Mechatronics Assessment

*Program level; Direct - Exam*

**Details/Description:**

**Acceptable Target:** The mean score will be equal to the national average. 50% or more of the students will score about the national average.

**Ideal Target:** The mean score will be 10% or greater above the national average. 60% or more of the students will score above the national average.

**Implementation Plan (timeline):** Spring 2018

**Key/Responsible Personnel:** Mechatronics faculty
Learning Outcome: Communication
The learner will demonstrate the ability to utilize operating documents and work instructions and be able to interpret and communicate equipment logs.

**Measure:** NOCTI Mechatronics Assessment  
*Program level; Direct - Exam*

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**Implementation Plan (timeline):** Spring 2018  
**Key/Responsible Personnel:** Mechatronics faculty

Learning Outcome: Instrumentation and Measurement
The learner will identify and utilize mechanical, fluid power, electrical and electronic equipment.

**Measure:** NOCTI Mechatronics Assessment  
*Program level; Direct - Exam*

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Learning Outcome: Electrical
The learner will describe electrical terminology, circuits and components and interpret and analyze wiring schematics and diagrams.

Measure: NOCTI Mechatronics Assessment
Program level; Direct - Exam

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Implementation Plan (timeline):
Spring 2018
Key/Responsible Personnel: Mechatronics faculty
Learning Outcome: Mechanical
The learner will demonstrate an understanding of mechanical components and systems.

Measure: NOCTI Mechatronics Assessment
*Program level; Direct - Exam*

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Implementation Plan (timeline):
Spring 2018

Key/Responsible Personnel: Mechatronics faculty

Learning Outcome: Hydraulic and Pneumatic Systems
The learner will describe, identify, and assemble hydraulic and pneumatic components and systems.

Measure: NOCTI Mechatronics Assessment
*Program level; Direct - Exam*
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**Learning Outcome: Computer and Control Systems**
The learner will identify, program and utilize PLCs in an automation system.

**Measure:** NOCTI Mechatronics Assessment
*Program level; Direct - Exam*

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Learning Outcome: Science Skills

Marked obsolete by Alexandria Technical and Community College Manager on 08/23/2017 10:27:31 am CDT

No measures specified