

 CLC Mechatronics Career Pathway

CLC Certificate- 30 credits Professional Development NEW Applied Science Degree

Employment & Siemens Level I Certification Supported by NSF Employment & Siemens Level II certification

$16- $22/hr. + benefits $23-$32/hr. + benefits

Job placement- 85-100%

**\*Mechanical Systems I, II, III** H.S. Summer Working Connections  **30 credit hour certificate**

**\*Electrical Systems I, II, III** Florida State College Jacksonville- July 24-28, 2017 **A**utomation Systems

**\*Robot Design & Construction I, II, III \***Five seats available for CLC district & (FSCJ, AACC)Advanced Mfg. Processes

**Fundamentals of High Tech Mfg. I, II, III** Five days, $100 stipend/day Mechanics and Machine Elements

**\*CAD I, II, III** Travel, lodging, food included Process Control

Automation I, II, III Intro to Totally Integrated Mfg.

Automation IV, V, VI \*Selection Criteria: 1. Bachelor’s Degree in related field, Advanced Motor Control

 2. Interest in teaching dual-credit, 3. Basic electrical and

Capstone I, II, III mechanical background, 4. Industrial experience a plus, General Education- 15 credits

 5. Recommendation from Principal, 6. One page proposal

Pneumatics & Hydraulics I, II, III addressing items 1-5. Submit to Margie Porter by April 1,

2017 (MargiePorter@clcillinois.edu).

STEM Readiness I, II, III

**Bolded-** H.S. Dual-Credit Certificate- 15 credits. All courses 1 credit meeting 22.5 hours each.

\*Project Lead the Way credit- TBD

CLC Contacts- Margie Porter, NSF P.I. 847-543-2904 (MargiePorter@clcillinois.edu) or Gary L. Morgan, Grant Coordinator 847-767-1376 (gmorgan@clcillinois.edu)

Other Developments- Low Cost trainer (under $1,000/trainer) development to support the teaching of bolded courses