# 2014-2015 Degree Term Guide

## Process Control Instrumentation Technology AAS Degree TE 543

### ICCB Approved Total Program Hours: 65 Semester Hours

DATE

6/10/2015

The following suggested schedule is based on full-time enrollment. Students planning to transfer to a senior institution should check with that institution for specific transfer requirements.

Mode of Delivery:
T = Traditional classroom
W = Online
Q = Blended

**Program Prerequisites**:

**First Semester**

| Course | Title | Credit Hours | Mode of Delivery | Pre Requisites | Term(s) Offered | Notes |
|--------|-------|--------------|------------------|----------------|-----------------|-------|
| ENG 101 or ENG 130 | Rhetoric or Technical Writing and Communication | 3 | Varies | | Varies | |
| MATH 107 | Technical Mathematics I | 3 | Varies | | Varies | |
| EET 102 | Electronic Soldering, Circuit Board Rework and Repair | 2 | T | | Varies | |
| EEAS 111 | Industrial Controls I | 4 | T | | Varies | |
| EET 113 | Electrical Circuits | 4 | T | | Varies | |
| | **Total Semester Hours:** | **16** | | | | |

**Second Semester**

| Course | Title | Credit Hours | Mode of Delivery | Pre Requisites | Term(s) Offered | Notes |
|--------|-------|--------------|------------------|----------------|-----------------|-------|
| EEAS 113 | Industrial Controls II | 4 | T | EEAS 111 | Varies | |
| EET 114 | Digital Electronics | 4 | T | | Varies | |
| PCIT 111 | Pneumatic Measurement and Control | 3 | T | | Varies | |
| EEAS 215 | Process Control and Instrumentation | 4 | T | EEAS 113 | Varies | |
| | **Total Semester Hours:** | **15** | | | | |

**Third Semester**

| Course | Title | Credit Hours | Mode of Delivery | Pre Requisites | Term(s) Offered | Notes |
|--------|-------|--------------|------------------|----------------|-----------------|-------|
| EET 214 OR EEAS 223 | Microcomputer Electronics or Industrial Circuits -- Advanced Programmable Controllers | 4 | T | | Varies | |
| PCIT 221 | Control Loop Tuning and Troubleshooting | 3 | T | | Varies | |
| PCIT 241 | Industrial Data Communications: Serial Standards | 3 | T | | | |
| Social Science Elective | | 3 | Varies | | Varies | |
| Technical Elective | IMT, EET or EEAS elective | 4 | Varies | | Varies | |
| | **Total Semester Hours:** | **17** | | | | |

**Fourth Semester**

| Course | Title | Credit Hours | Mode of Delivery | Pre Requisites | Term(s) Offered | Notes |
|--------|-------|--------------|------------------|----------------|-----------------|-------|
| PCIT 113 | Electronic Measurement and Control Lecture | 3 | T | PCIT 111 | Varies | |
| IMT 121 | Industrial Fluid Power | 3 | T | | Varies | |
| EEAS 221 | Industrial Circits Basic Programmable Logic | 4 | T | | Varies | |
| PHYS 100 | Basic Physics | 4 | Varies | | Varies | |
| Humanities and Fine Arts General Education | Select one course from Group III: Humanities and Fine Arts. 3 credit hours | 3 | Varies | | Varies | |
| | **Total Semester Hours:** | **17** | | | | |

**Graduation Requirements**

To be awarded an Associate degree at Joliet Junior College, each student must meet the following requirements:

1. Satisfy all admission requirements.

2. Complete the courses required to earn the chosen degree. If the student is a transfer student with coursework taken elsewhere, he/she must complete a minimum of 60 credit hours of which the last 15 credit hours applicable to the degree are earned at Joliet Junior College. If the student has not taken the last 15 hours at JJC, then a total of 30 credit hours applicable to the degree must be earned at Joliet Junior college. Proficiency test, CLEP and Advanced Placement do not meet this requirement.

3. Earn a cumulative grade point average of at least 2.0.

4. Discharge all financial obligations to the college; have no restrictions.

5. File an application for graduation (An application should be filed at the time of registration for student's anticipated last semester).

6. Have on file in the Graduation office by the graduation filing date all transcripts from other colleges/universities that are to be evaluated for credit, to be applied toward a degree. A delay in the process may result in a later graduation date.

**For more information**

Counseling & Advising
Main Campus room A-1155
815-280-2673

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