

Career and Technical Education Pathway Program of Study

College Name Forsyth Technical Community College (834) Effective Term: **Spring 2012**
 Curriculum Code: D50240P1 Curriculum Title Industrial Systems Technology (Diploma)
 Contact Person: Cheri Silverman Email: csilverman@forsythtech.edu Phone (336) 734-7446

Created from state level approved Program of Study effective 2011FA; Cheri Silverman, PDA

GENERAL EDUCATION COURSES (certificate general education is optional)			
Course Prefix/Num	Course Title		
<u>ENG 111</u>	<u>1997*02 Expository Writing</u>	<u>3 0 0 3</u>	SHC
<u>MAT 115</u>	<u>2005*02 Mathematical Models</u>	<u>2 2 0 3</u>	SHC
Total SHC for General Education Courses:		6	SHC
CORE COURSES			
Course Prefix/Num	Course Title		
<u>BPR 111</u>	<u>1997*02 Blueprint Reading</u>	<u>1 2 0 2</u>	SHC
<u>ELC 112</u>	<u>2007*03 DC/AC Electricity</u>	<u>3 6 0 5</u>	SHC
<u>HYD 110</u>	<u>1997*02 Hydraulics/Pneumatics I</u>	<u>2 3 0 3</u>	SHC
<u>ISC 112</u>	<u>2005*01 Industrial Safety</u>	<u>2 0 0 2</u>	SHC
<u>MEC 111</u>	<u>2005*01 Machine Processes I</u>	<u>1 4 0 3</u>	SHC
<u>MNT 110</u>	<u>1997*02 Intro to Maint Procedures</u>	<u>1 3 0 2</u>	SHC
<u>WLD 112</u>	<u>1997*02 Basic Welding Processes</u>	<u>1 3 0 2</u>	SHC
Total SHC for Core Courses:		19	SHC
OTHER MAJOR COURSES			
Course Prefix/Num	Course Title		
<u>CIS 111</u>	<u>2006*01 Basic PC Literacy</u>	<u>1 2 0 2</u>	SHC
<u>ELC 113</u>	<u>1997*02 Basic Wiring I</u>	<u>2 6 0 4</u>	SHC
<u>ELC 117</u>	<u>2007*03 Motors and Controls</u>	<u>2 6 0 4</u>	SHC
<u>MEC 130</u>	<u>2002*03 Mechanisms</u>	<u>2 2 0 3</u>	SHC
<u>MNT 111</u>	<u>2002*03 Maintenance Practices</u>	<u>2 2 0 3</u>	SHC
Total SHC for Other Major Courses:		16	SHC
OTHER REQUIRED COURSES			
Course Prefix/Num	Course Title		
<u>N/A</u>	<u></u>	<u></u>	SHC
Total SHC for Other Required Courses:		0	SHC
Total SHC for Program		41	

By submitting and requesting approval for this Career and College Promise program of study, our college is verifying its capacity to teach all courses in the submitted program of study.

Dr. Gary M. Green, President Dr. Conley F. Winebarger, VP, Instructional Services Dr. Susan Q. Phelps, Dean, Educational Partnerships

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Career Technical Education Pathway Program of Study (POS) Checklist
Effective Term: Spring 2012

College: Forsyth Technical Community College (834)

Program Title and Code: Industrial Systems Technology (Diploma) D50240P1

- 1. College already has State Board approval for the primary program. (Verify in IIPS or Catalog) Yes No
- 2. The POS is either for a certificate or diploma (AAS programs should not be included.) Yes No
- 3. POS is in compliance with the current curriculum standard. Yes No
- 4. The POS contains at least 12 hours from the Core. Yes No
- 5. If the POS is a diploma, it contains a minimum of 6 semester hours of general education (3 semester hours must be in communications). Yes No N/A
- 6. The POS contains specific course requirements. (i.e. no picklists) Yes No
- 7. POS includes a statement verifying the college's capacity to teach all courses in the POS. Yes No

Disapproved on _____ by _____
Date Program Coordinator

Contact person was notified on _____ with the following issue(s) to be resolved:
Date

Approved on 12/5/11 by Frank Sculetta
Date Program Coordinator