

# Career and Technical Education Pathway Program of Study

<b>College Name</b>	Forsyth Technical Community College (834)	<b>Effective Term:</b> <b>Spring 2012</b>
<b>Curriculum Code:</b>	D25130P1	<b>Curriculum Title</b> <u>Computer Programming (Diploma)</u>
<b>Contact Person:</b>	Cheri Silverman	<b>Email:</b> <a href="mailto:csilverman@forsythtech.edu">csilverman@forsythtech.edu</a> <b>Phone</b> (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			
ENG 111	1997*02 Expository Writing	3 0 0 3	SHC	
COM 231	1997*02 Public Speaking	3 0 0 3	SHC	
MAT 115	2005*02 Mathematical Models	2 2 0 3	SHC	
<b>Total SHC for General Education Courses:</b>		<b>9</b>	<b>SHC</b>	
CORE COURSES				
Course Prefix/Num	Course Title			
CIS 110	2006*01 Introduction to Computers	2 2 0 3	SHC	
CIS 115	2006*01 Intro to Prog & Logic	2 3 0 3	SHC	
CTS 285	2006*01 Systems Analysis & Design	3 0 0 3	SHC	
CSC 289	2006*01 Programming Capstone Proj	1 4 0 3	SHC	
DBA 110	2006*01 Database Concepts	2 3 0 3	SHC	
NOS 110	2006*01 Operating System Concepts	2 3 0 3	SHC	
NOS 130	2006*01 Windows Single User	2 2 0 3	SHC	
CSC 134	2006*01 C++ Programming	2 3 0 3	SHC	
CSC 151	2006*01 JAVA Programming	2 3 0 3	SHC	
CSC 234	2006*01 Adv C++ Programming	2 3 0 3	SHC	
CSC 251	2006*01 Adv JAVA Programming	2 3 0 3	SHC	
<b>Total SHC for Core Courses:</b>		<b>33</b>	<b>SHC</b>	
OTHER MAJOR COURSES				
Course Prefix/Num	Course Title			
CSC 143	1997*02 Object-Oriented Prog	2 3 0 3	SHC	
<b>Total SHC for Other Major Courses:</b>		<b>3</b>	<b>SHC</b>	
OTHER REQUIRED COURSES				
Course Prefix/Num	Course Title			
N/A		0	SHC	
<b>Total SHC for Other Required Courses:</b>		<b>0</b>	<b>SHC</b>	
<b>Total SHC for Program</b>		<b>45</b>		

*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*

## NC Community College System Office Use Only

### Career Technical Education Pathway Program of Study (POS) Checklist

Effective Term: Spring 2012

College Forsyth Technical Community College

Program Title and Code: Computer Programming (Diploma) (D25130P1)

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|--|---|--|
| 1. College already has State Board approval for the primary program.<br>(Verify in IIPS or Catalog)                                      | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No                              |
| 2. The POS is either for a certificate or diploma (AAS programs should <u>not</u> be included.)  | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No                              |
| 3. POS is in compliance with the current curriculum standard.  | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No                              |
| 4. The POS contains at least 12 hours from the Core.   | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> 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). | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No <input type="checkbox"/> N/A |
| 6. The POS contains specific course requirements. (i.e. no picklists)  | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No                              |
| 7. POS includes a statement verifying the college's capacity to teach all courses in the POS.  | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No                              |

Disapproved on \_\_\_\_\_ by \_\_\_\_\_  
Date Program Coordinator

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

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Approved on Dec. 8, 2011 by Hilmi Lahoud, PhD  
Date Program Coordinator