

NAME: \_\_\_\_\_

I.D.# \_\_\_\_\_

**2011-12**  
**PROGRAMMING**  
**Certificate**

This program is designed for working adults who need to update their skills and knowledge of programming languages. Object-oriented and event-driven languages, as well as traditional structured languages, are included in this curriculum. Some career opportunities include: visual/BASIC programmer, C++ programmer, JAVA programmer, object oriented programmer and user interface designer.

**PARTNERSHIP PROGRAMS:** Prairie State has partnerships with Microsoft Academic Alliance, Comp TIA, and CIW. For further information visit the website at: [http://prairiestate.edu/prairie\\_tech](http://prairiestate.edu/prairie_tech)

**PROGRAM REQUIREMENTS (18 credits)**

- |       |               |      |  |
|-------|---------------|------|--|
| _____ | IT 140        | 3 cr | Introduction to Operating Systems ( <i>Placement in ENG 099 or above; ITOFS 100 recommended</i> )                          |
| _____ | ITPRG 103     | 3 cr | Introduction to Programming Logic ( <i>Prereq. Placement in ENG 099 or above</i> )   |
| _____ | ITPRG 142     | 3 cr | Introduction to Visual Basic Programming ( <i>Prereq. ITPRG 103 with a C or better and Placement in ENG 099 or above</i> ) |
| _____ | ITPRG 201     | 3 cr | Systems Design & Develop. ( <i>Prereq. ITAPP 101 with a C or better and Placement in ENG 099 or above</i> )                |
| _____ | ELECTIVES     | 6 cr | Select 6 credits from the courses listed below:  |
| _____ | ITPRG 144 (3) |      | Intro to C++ Programming ( <i>Prereq. ITPRG 103 or 140 with a C or better and Placement in ENG 099 or above</i> )          |
| _____ | ITPRG 147 (3) |      | Intro to JAVA Programming ( <i>Prereq. ITPRG 103 or 140 with a C or better and Placement in ENG 099 or above</i> )         |
| _____ | ITPRG 157 (3) |      | Javascript Programming ( <i>Prereq. IT 140 with a C or better and Placement in ENG 099 or above</i> )                      |
| _____ | ITPRG 242 (3) |      | Advanced Visual Basic Programming ( <i>Prereq. ITPRG 142 with a C or better and Placement in ENG 099 or above</i> )        |
| _____ | ITPRG 244 (3) |      | Advanced C++ Programming ( <i>Prereq. ITPRG 144 with a C or better and Placement in ENG 099 or above</i> )                 |
| _____ | ITPRG 247 (3) |      | Advanced JAVA Programming ( <i>Prereq. ITPRG 147 with a C or better and Placement in ENG 099 or above</i> )                |
| _____ | ITPRG 248 (3) |      | Intro to COBOL Programming ( <i>Prereq. ITPRG 103 with a C or better and Placement in ENG 099 or above</i> )               |
| _____ | ITPRG 249 (3) |      | Advanced COBOL Programming ( <i>Prereq. ITPRG 248 with a C or better and Placement in ENG 099 or above</i> )               |

\_\_\_\_\_ Attained a minimum grade point average of 2.0 in the courses identified in this certificate program.

**Current cumulative GPA:** \_\_\_\_\_

\_\_\_\_\_ Completed a minimum of one-half of the credit hours required at PSC (excluding proficiency credit).

\_\_\_\_\_ Filed a **Graduation Petition Form** with the Office of Enrollment Services.

**Deadline for filing:** October 1 for Winter, March 1 for Spring, July 1 for Summer. (*December, May & August candidates may choose to participate in the annual May Commencement Ceremony. Deadline to apply for ceremony is March 1<sup>st</sup>.*)

<b>Credits</b>	<b>Credits</b>	<b>Credits</b>	<b>Credits</b>
<b>Required: 18</b>	<b>Completed:</b> _____	<b>In Progress:</b> _____	<b>Needed:</b> _____

**Advised By:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
*SIGNATURE: Counselor or Advisor or Faculty Advisor*

**This is an UNOFFICIAL evaluation. Official Evaluations must be requested in the Office of Enrollment Services.**

**TIME LIMITS ON PREVIOUS COURSES IN THE INFORMATION TECHNOLOGY DEPARTMENT:**

- Due to the rapid change of technology in these fields, there is a five year time limit on applying courses with ITAPP, ITNET, ITPRG, ITOFS, ITWEB prefixes to this program.
- Any courses with these prefixes that are over 5 years old must have approval of the department chairperson before they can be counted toward this degree. For further information, consult with the Transcript Evaluator in the Office of Enrollment Services.

**PROFICIENCY TESTING/ALTERNATIVE CREDIT METHODS**

Students interested in testing out of courses in this program should consult the Information Technology Department Chairperson, the Program Coordinator, or the Counseling and Advising Center for further information about the alternative credit process.

**IMPORTANT PSC GRADUATION POLICIES**

- If the degree or certificate requirements are changed during your continuous attendance, you may elect to satisfy either the new requirements or the ones in force when you enrolled.
- If you withdraw from Prairie State College for either a fall or spring semester, you must satisfy requirements in force at the time you re-enroll.
- Requests for COURSE SUBSTITUTIONS** in the program must be directed to the Program Coordinator. A Course Substitution Form must be signed by the Program Coordinator and submitted to the Office of Enrollment Services at least one semester prior to graduation.
- Petitions for alteration of other graduation requirements must be submitted on a Student Appeal Form at least one semester prior to graduation.

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**DIVISION OF CAREER & TECHNICAL EDUCATION**

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<b>Program Coord:</b>		Room 2621	(708) 709-7775	
<b>Dept. Chair:</b>	Elighie Wilson	Room 2180	(708) 709-7767	<a href="mailto:ewilson@prairiestate.edu">ewilson@prairiestate.edu</a>
<b>Division Dean:</b>	Susan Solberg	Room 2120	(708) 709-3758	<a href="mailto:ssolberg@prairiestate.edu">ssolberg@prairiestate.edu</a>

**CAREER PLANNING/PLACEMENT INFORMATION:**

*Occupational Outlook Handbook*, U.S. Department of Labor: <http://www.bls.gov/oco/home.htm>

Employment opportunities: [www.collegecentral.com/prairiestate](http://www.collegecentral.com/prairiestate)

Prairie Tech Website: [http://prairiestate.edu/prairie\\_tech/](http://prairiestate.edu/prairie_tech/)