



**CAREER AND TECHNICAL EDUCATION INFORMATION SYSTEM  
PENNSYLVANIA DEPARTMENT OF EDUCATION  
SECONDARY PROGRAM PROFILE  
FOR SCHOOL YEAR 2013-2014**

**DATE : 8/1/2013**

**School Number School Name, Address and Phone**

6193 Greater Altoona CTC, 1500 4th Avenue Altoona, PA 16602-3616 Phone: (814) 946-8450

CIP Code	Status	Date Submitted
11.0201 Computer Programming/Programmer, General	Approved	7/13/2011
CIP Cluster	Program Type	Date Approved
Information Technology	Tech Prep	11/2/2011
Program Area	Registered Apprenticeship	Start School Year
Trade & Industrial Education	No	2011-2012

**Program Information:**

**High Priority Occupations / Labor Market Data / Occupational Advisory Committee**

CIP #11.0201 Computer Programming/Programmer. Students in this program have the opportunity to be involved in the Information & Communication Services Industry Cluster. The unemployment rate is 7.3% in Blair County. Although projected growth shows a slow to moderate decline, there is still a demand for computer programmers. The median regional wages in the Southern Alleghenies WIB are \$48,690 annually. This program will provide at least two letters of support from local employers who agree that the program prepares graduates to be qualified employees and the program meets their needs as well as the needs of the community. This CIP is cross walked with High Priority Occupation SOC #15 -1021 – Computer Programmers, which was on the 2010 State and Regional HPO lists as well as the 2011 draft HPO State and Regional lists. The 8-member Occupational Advisory Committee, which last met on March 12, 2013, approves the pursuit of Tech Prep approval for CIP #11.0201. Members include: Gene Seminsky, Director of ERP Applications, Cookson Electronics; John Roseberry, Development Services Manager, Link Computer Corp.; Mike Gilliland, Software Developer, Delta Health; Sharon Leap, Helpdesk Service Coordinator, New Enterprise Stone & Lime; Shane Schmitt, Technical Support Representative, Atlantic Broadband; Donald Deamer, Systems Analyst, Computer Consortium; John Bauman, MIS Manager, Ward Transport & Logistics Corp; Frank Cristillo, Instructor, GACTC.

**Occupational Analysis Data / Student Technical Competencies:**

The curriculum relies on recommendations from Occupational Advisory Committee members, VTECS, MAVCC, Oracle Academy, and other national standards. Competencies include: Creating and Managing Tables; Including Constraints; Creating Views; Using Other Database Objects; Controlling User Access; Using Multiple Control Breaks/Fetch Overflow; Using Multiple Record Types/Look Ahead; Exception Output Array Processing; Table/Array Lookup; and Indexing Sequential Files.

**Accountability Targets:**

1. This is a three year program which prepares the students for various computer careers. 2. Students will be given the NOCTI Test Code #3023 examination at the end of the senior year in which all students are expected to achieve in the competent to advanced levels. 3. Students are expected to achieve in the proficient to advanced levels on the PSSA. 4. The students will be able to sit for the Intro to Oracle 9i:SQL Certification Exam. 5. If passed the students will be certified in SQL. 11.0201 Computer Programming/Programmer, General – 2011-12 AYP Targets met: 1S1 Yes 1S2 Yes 2S1 No 3S1 Yes 4S1 Yes 5S1 Yes 6S1 No 6S2 No

**Equipment and Technology:**

Classroom Tools: Dell Optiplex 360 Computers, Mainframe Computers Classroom Technology: Compiler and Decompiler Software, Structured Query Language, Microsoft Visual Basic



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**Number of Prospective Students:**

15
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**Support Services:**

<p>Special Education students who have applied to the GACTC are selected on the same criteria as those within the Regular Education realm which is based upon good grades, acceptable attendance, and appropriate behavior. For students with special needs, the support coordinators are able to scrutinize IEPs so that appropriate program selection accentuates student strengths and career interest avenues. The support coordinators support both teachers and students throughout the school year to ensure that specially-designed instruction modifications are being used in the regular education setting to facilitate student success within their vocational education experience.</p>
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**Career & Technical Student Organizations:**

<p>Students in Computer Programming/Oracle Academy are affiliated with SkillsUSA CTSO and have an active Chapter.</p>
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**Advisory Committees**

<p><b>Local Advisory Committee:</b> The Greater Altoona Career &amp; Technology Center complies with all mandates of the state, federal, and accreditation bodies to maintain a Local Advisory Committee composed of representatives of education, industry, business, joint apprenticeship councils, labor, and management. The purpose of the committee, which has been in existence for nearly four decades, is to advise the school board and the administration concerning the general philosophy, objectives, and program needs of the school. The Local Advisory Committee of the Greater Altoona Career &amp; Technology Center meets twice yearly.</p>
<p><b>Professional Advisory Committee:</b> The Professional Advisory Committee, consisting of the Superintendent of Record along with superintendents of the other seven member school districts, meet on a monthly basis to work with the Executive Director on educational matters concerning the center. The committee plays an integral part in the development of the Center's Strategic Plan. All Superintendents of the participating school districts serve on this committee. The Committee is authorized to form its own structure and schedule for meetings and to prepare whatever reports on recommendations it deems necessary for review by the Joint Operating Committee. The Chief School Administrator and the Executive Director serve as ex-officio members of all committees established by the Joint Operating Committee.</p>
<p><b>Joint Operating Committee:</b> The JOC, a 20-member body comprised of representatives from each of the eight sponsoring school districts, meets the fourth Monday of each month. For an institution governed by a Joint Operating Committee, the most obvious stakeholders are the eight sponsoring school districts. It is imperative that the director and school administration work in harmony with the Joint Operating Committee representing the eight school districts that make up the aggregated board. This institution is the only focal point where these eight school districts come to work together in the best interest of a substantial representation of their student population.</p>

**Sponsor Information:**

Sponsor Number	Sponsor Name
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**Student Industry Certifications:**

Industry Certification	Certification Provider
Oracle Certification - Certification path based on product	Oracle

**Teacher Industry Certifications:**



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