

Community College Economic Development Stipend Programs and Courses Approved for 2014-2015

July 2015



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF EDUCATION**

333 Market Street
Harrisburg, PA 17126-0333
www.education.state.pa.us



pennsylvania
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Table of Contents

Introduction	1
Stipend Approvals	2
Credit Programs	3
Noncredit Courses	4
Completers	4
Credit Completers	5
Noncredit Course Participants	6
Criteria for Approval of High Priority Occupation Programs	7
Criteria for Approval of Noncredit Workforce Development Courses.....	9
High Instructional Cost Calculation	11
Pennsylvania Community Colleges	12
Appendix A: High Priority and High Instructional Cost Occupation Programs Approved for 2014-2015 Fiscal Year.....	13
Appendix B: High Priority Occupational Programs Approved for 2014-2015 Fiscal Year.....	28
Appendix C: Noncredit Workforce Development Courses Approved for 2014-2015 Fiscal Year.....	60
Table 1: Programs and Courses Approved for 2014-15 Fiscal Year by College, Award and Stipend Category.....	115
Table 2: Programs and Courses Approved for 2014-15 Fiscal Year by Award and SOC Code.....	116
Map: Pennsylvania Local Workforce Investment Areas.....	Back Cover

Introduction

Act 173 of 1974 first established additional state support to community colleges for full-time equivalent students enrolled in approved occupational-technical programs. In order to implement this new stipend program, the Pennsylvania Department of Education (PDE) appointed a committee of representatives from the community colleges, the Pennsylvania Commission for Community Colleges, PDE's Office of Postsecondary and Higher Education, and PDE's Office of Elementary and Secondary Education. The committee developed the criteria to be used in determining which occupational-technical programs would be approved for stipend support for the colleges' new and enhanced occupational-technical programs, as well as to make recommendations to the Secretary of Education regarding stipend eligibility.

In July 1985, Act 31 of 1985 was enacted which altered the structure of the occupational-technical stipend. Rather than a uniform stipend level for all approved occupational-technical programs, the law established a variable stipend, featuring a three-tiered reimbursement structure. The act required the Secretary of Education to establish criteria to identify programs eligible for each level of funding support.

Since the variable stipend was, in essence, an extension of the existing occupational stipend program for community colleges, the Secretary of Education, in consultation with the Pennsylvania Commission for Community Colleges, determined that the existing processes for evaluating occupational programs would be revised and extended to assist with the implementation of the new law. The committee, which had reviewed and approved all community college occupational programs for stipend funding, reviewed the statute and made recommendations to the secretary on the criteria and procedures for the amended program's implementation.

Article XIX-A of Act 46 of 2005 was enacted in July 2005, establishing a new funding system and stipend program. The economic development stipend replaced the variable stipend and focuses on the commonwealth's high priority occupations, as well as occupations that are of regional importance and those identified by employer partnerships. The economic development stipend is distributed to all of the community colleges based on the number of full-time equivalent students enrolled in for-credit programs and noncredit courses approved by PDE. The formula gives the most weight – and funding – to for-credit programs that prepare students for high priority occupations and have high instructional cost. The second highest weight is applied to for-credit high priority occupation programs that are not high cost. The lesser level of funding goes to noncredit workforce development courses that provides valuable training for high priority occupations, but do not allow students to earn credit towards a degree.

PDE worked closely with the community colleges and the Pennsylvania Department of Labor and Industry to develop the economic development stipend criteria and an application process to identify for-credit programs and noncredit courses that prepare students for high priority occupations. The collaborative process between these two

commonwealth agencies ensures a seamless alignment of community college credit and noncredit programming, and the development of a workforce with higher levels of education and marketable credentials in high-wage, high-demand occupations.

This report is prepared annually by PDE. The purpose of the report is to inform the committees of education in the House of Representatives and the Senate of community college programs and courses approved for the economic development stipend. This report reflects the approvals for the 2014-2015 fiscal year.

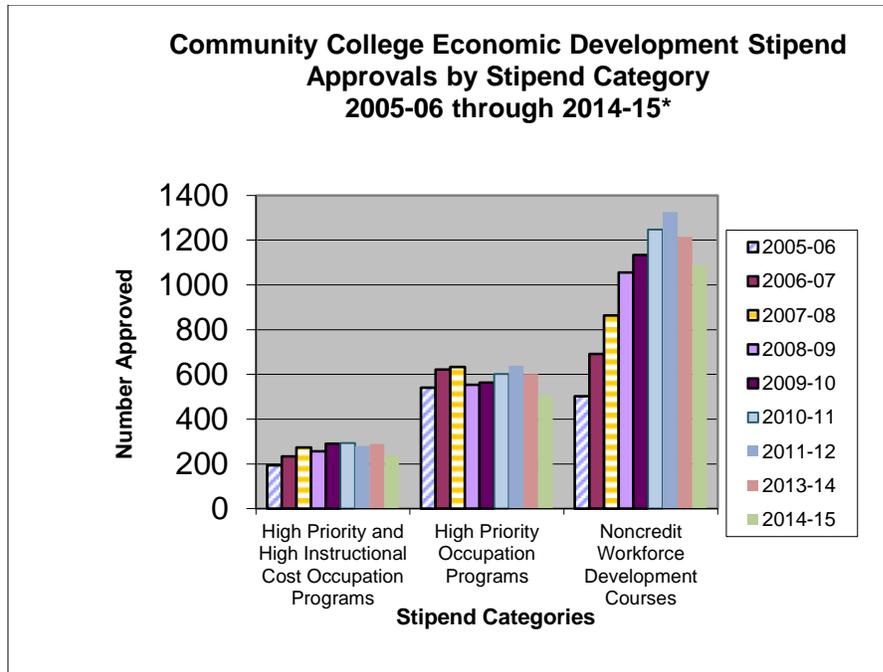
The purpose of the economic development stipend is to promote program/course alignment with high priority occupations. Approval is granted by meeting one of two criteria: a) Credit programs and noncredit courses that align with high priority occupations in the college's workforce investment area; or b) Credit programs and noncredit courses that are designed to meet regional workforce needs and are approved by PDE. This report includes the established economic development stipend criteria and guidelines, as well as a listing of credit programs and noncredit courses approved for the economic development stipend for 2014-15 (Appendices A, B and C). Table 1, found on page 114, summarizes the number of programs and courses approved by each college. A summary of approvals by Standard Occupational Classification (SOC) may be found in Table 2, beginning on page 115.

In prior years the approvals were limited to the high priority occupations identified for the fiscal year in which the approvals were in effect. In 2012, the Pennsylvania Department of Labor and Industry changed the process and timing for the designation of occupations as high priority, resulting in the list not becoming final until October 1. Due to this change, the economic development stipend approvals are based on the approved high priority occupations lists for both 2013 and 2014. A complete list of Pennsylvania's high priority occupations may be accessed at www.paworkforce.state.pa.us.

Stipend Approvals

The chart on the next page illustrates the number of programs and noncredit courses approved annually since the implementation of the stipend. It should be noted that PDE did not process stipend approvals for 2012-13. The approvals for 2014-15 include:

- 238 high priority and high instructional cost occupation programs
- 505 high priority occupation programs
- 1,086 noncredit workforce development courses



*Economic development stipend approvals were not processed for 2012-13

Credit Programs

In 2014-15, there were a total of 746 community college for-credit programs that prepare students for 92 high priority occupations approved for stipend funding. The following list includes the ten occupations that have the greatest number of programs approved for high priority and high instructional cost occupation or high priority occupation program stipend funding. These ten occupations account for 37.3 percent, or 278 programs, of the total for-credit programs approved for stipend funding:

Number of Stipend Credit Programs Approved (2014-15)		
SOC Code	Occupation	Number of Approved Programs
15-1150	Computer Support Specialists	48
43-3031	Bookkeeping, Accounting and Audit Clerks	38
19-4021	Biological Technicians	30
29-2071	Medical Records and Health Information Technicians	28
35-1012	Supervisors – Food Preparation and Serving Workers	28
43-6014	Secretaries	27
15-1142	Network and Computer Systems Administrators	21
17-3026	Industrial Engineering Technicians	21
31-9092	Medical Assistants	19
49-3023	Automotive Service Technicians and Mechanics	18

Noncredit Courses

Pennsylvania community colleges also provide noncredit opportunities for students and incumbent workers to develop or upgrade skills necessary for careers in high priority occupations. In 2014-15, a total of 1,088 noncredit workforce development courses, associated with 81 high priority occupations, were offered by the colleges and approved for stipend funding. The following list includes the ten occupations that are aligned with the greatest number of noncredit workforce development courses and represent 558 or 51.3 percent of the total noncredit courses approved for stipend funding:

Number of Approved Noncredit Workforce Development Courses (2014-15)		
SOC Code	Occupation	Number of Approved Courses
49-9041	Industrial Machinery Mechanics	127
15-1150	Computer Support Specialists	71
31-1012	Nursing Aides, Orderlies and Attendants	59
49-9071	Maintenance and Repair Workers, General	57
51-4121	Welders, Cutters, Solderers and Brazers	57
29-2071	Medical Records and Health Information Technicians	43
29-2041	Emergency Medical Technicians and Paramedics	40
43-6014	Secretaries	38
15-1142	Network and Computer Systems Administrators	33
49-9021	Heating, A/C and Refrigeration Mechanics and Installers	33

Completers

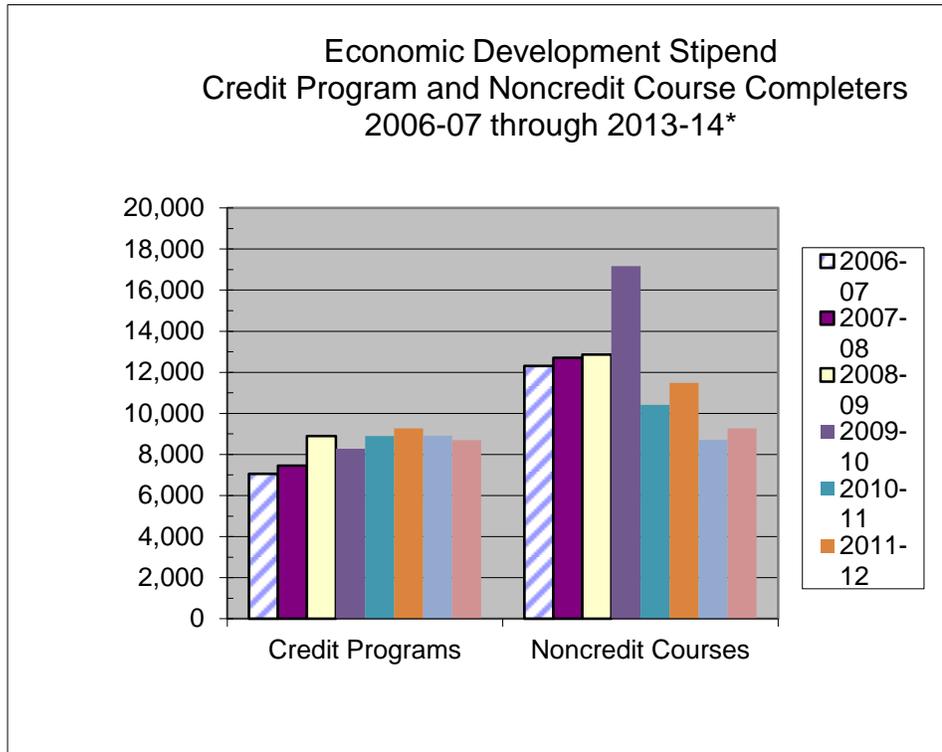
The colleges reported the following data regarding completers in the economic development stipend programs and courses during the 2013-14 fiscal year. The chart on the next page illustrates the number of students who graduated¹ with an associate degree, certificate or diploma in their credit programs or enrolled² in noncredit courses during the previous seven fiscal years and includes:

- 8,690 students in 2013-14 completed an approved high priority and high instructional cost occupation program or a high priority occupation program.

¹ The completer data is collected at the program level, therefore students completing more than one degree, certificate or diploma would be included in the data multiple times; one for each award received.

² The number of students enrolled in noncredit courses is collected at the course level; therefore students enrolled in more than one noncredit course will be included multiple times.

- 9,266 students in 2013-14 participated in at least one approved noncredit workforce development course.



*Enrollment for 2012-2013 was based on the programs and courses approved for the 2011-12 fiscal year

Credit Completers

In 2013-14, there were 8,690 students reported completing credit programs with an associate degree, certificate or diploma in a stipend-approved program. The Healthcare Practitioners and Technical Occupations area had the most students completing a program, with a total of 2,652. The top five occupational areas, based on the highest number of completers, are listed below by major SOC group:

Number of Credit Stipend Program Completers (2013-14)		
Major SOC Group	Occupation	Number of Completers 2013-14
29-0000	Healthcare Practitioners and Technical Occupations	2,652
43-0000	Office and Administrative Support Occupations	1,462
33-0000	Protective Service Occupations	627
31-0000	Healthcare Support Occupations	554
21-0000	Community and Social Service Occupations	497

Noncredit Course Participants

On the noncredit side, 9,266 students participated in an approved noncredit workforce development course during 2013-14. The Healthcare Practitioners and Technical Occupations area had the most students participating in courses during the previous year. The occupational areas with the highest number of students participating in noncredit workforce development courses, listed by major SOC group for 2013-14, are as follows:

Number of Noncredit Workforce Development Course Participants (2013-14)		
Major SOC Group	Occupation	Number of Participants
29-0000	Healthcare Practitioners and Technical Occupations	3,289
31-0000	Healthcare Support Occupations	1,484
49-0000	Installation, Maintenance and Repair Occupations	1,262
51-0000	Production Occupations	822
13-0000	Business and Financial Operations Occupations	430

Criteria for Approval of High Priority Occupation Programs

Act 46 of 2005 requires PDE to annually publish guidelines listing criteria and establishing the approval process for programs and courses eligible for approval for the economic development stipend. The criteria for approval of for-credit occupational programs to be eligible as high priority occupation programs and high-priority and high-instructional-cost occupation programs for the 2014-2015 fiscal year are listed below.

Criteria:

Each program must meet **all** of the criteria listed in this section.

1. The program must be in compliance with Pennsylvania statutes, regulations and policies relating to community colleges.
2. Each occupational or technical program must prepare graduates for a high priority occupation identified by the Pennsylvania Department of Labor and Industry on the annual high priority occupation list or be approved by PDE through the PDE Regional Workforce Application.
3. Each program shall be a credit-based program and shall be identified with an accepted Classification of Instructional Program (CIP) – 2010 edition code.
4. Each program (minimum of 15 credit hours) shall involve a planned coherent sequence of courses that leads to a formal college award.
5. Each program description shall have a statement of objectives that will be printed in the college catalog. The statement must clearly indicate that the program is designed for job placement incorporating employment-related job skills and knowledge, and have an occupational objective that is consistent with gainful employment opportunities (as opposed to volunteer) available at the local, regional or state level.
6. Each program shall be designed in such a way that all college-level requirements, including college-level requirements for admission to the program or for courses within the program, can be completed in two calendar years (24 months) or less when pursued by a full-time student. The program may exceed two calendar years if the program is specifically designed to be completed only on a part-time basis. The catalog description must specifically state that the program is designed for completion on a part-time basis.

Definitions:

CIP-2010—The 2010 edition of the Classification of Instructional Programs (CIP), a taxonomic coding scheme of instructional programs published by the U.S. Department

of Education. Information on the 2010 CIP codes can be found at:
<http://nces.ed.gov/ipeds/cipcode/>

High Instructional Cost Program—A program that bears an instructional cost to the community college, per full-time-equivalent student, of at least 130 percent of the average cost per full-time-equivalent student enrolled in the community college’s credit courses.

High Priority Occupations—Occupations annually identified by the Department of Labor and Industry through a three-step process involving industry cluster analysis, occupational data analysis and expert input and regional factors to identify emerging occupations. Additional occupations may be added based on differences and dynamics in regional and local labor markets.

Occupation—Occupational title assigned under the Standard Occupational Classification (SOC) system for the given occupational code. In some instances, this may be abbreviated or changed slightly from the official U.S. Department of Labor’s SOC title in order to better reflect nuances in state or regional occupational demand.

Occupational or Technical Program—Educational programs offering a sequence of courses, which are directly related to the preparation of individuals for paid employment in current or emerging occupations.

SOC Code—Six-digit numerical code assigned to the occupation under the Standard Occupational Classification (SOC) system, published by the Bureau of Labor Statistics. The SOC system classifies all occupations found in the economy, including private, public, and military, and allows data to be compared across all governmental agencies. Information on the 2010 SOC system can be found at:
<http://www.bls.gov/soc/>.

Criteria for Approval of Noncredit Workforce Development Courses

Act 46 of 2005 requires PDE to annually publish guidelines listing criteria and establishing the approval process for programs and courses eligible for approval for the economic development stipend. The criteria for approval of noncredit occupational course to be eligible as noncredit workforce development courses for the 2014-2015 fiscal year are listed below.

Criteria:

Each noncredit workforce development course must meet all of the following criteria:

1. The course must be in compliance with Pennsylvania statutes, regulations and policies relating to community colleges.
2. The course has the specific purpose of providing opportunities for students and incumbent workers to develop or upgrade skills necessary for high priority occupations and is identified with an accepted occupation and SOC code.
3. Upon successful completion, the course leads to a formal recognition that has established credibility with businesses and other hiring agencies.
4. Each course must be identified with an occupational objective and prepare students for a high priority occupation identified by the Department of Labor and Industry on the annual high priority occupation list or be approved by the PDE through the PDE Regional Workforce Application.
5. The length of the course must encompass a minimum of 30 clock hours and be consistent with occupational industry standards and occupational objectives of the course. Noncredit courses are not intended to be an avenue for avoidance of the approval process or substitution for programs leading to a formal college award. Therefore, no single course may require more than 15 equated credits to be eligible as a NCWD course. Courses that meet published industry standards, but exceed the acceptable length, will be considered on a course-by-course basis. A copy of the relevant industry standards must accompany the application. (Note: Each 15 hours of classroom work and each 30 hours of laboratory work shall be equated to one semester credit – 22 Pa. Code § 35.61(c))

The following noncredit courses are excluded from consideration for noncredit workforce development course eligibility:

- Adult basic education or adult literacy courses, including English as a Second Language.
- Occupational skills courses that do not meet the criteria as a noncredit workforce development course.
- Academic courses.
- Continuing professional education courses.

Definitions:

Clock Hours—A measure of time comprising 50 minutes of instruction during any 60 minute period of time.

Equated Credits—Each 15 clock hours of classroom work and each 30 clock hours of laboratory work shall be calculated to equal one equated credit. [22 Pa Code §35.61(C)]

High Priority Occupations—Occupations annually identified by the Department of Labor and Industry through a three-step process involving industry cluster analysis, occupational data analysis and expert input and regional factors to identify emerging occupations. Additional occupations may be added based on differences and dynamics in regional and local labor markets.

Noncredit Workforce Development Courses—Noncredit courses approved by the PDE to qualify for an economic development stipend and having the specific purpose of providing opportunities for students and incumbent workers to develop or upgrade skills necessary in high priority occupations.

Occupation—Occupational title assigned under the Standard Occupational Classification (SOC) system for the given occupational code. In some instances, this may be abbreviated or changed slightly from the official SOC title in order to better reflect nuances in occupational demand.

SOC Code—Six-digit numerical code assigned to the occupation under the Standard Occupational Classification (SOC) system, published by the Bureau of Labor Statistics. The SOC system classifies all occupations found in the economy, including private, public, and military, and allows data to be compared across all governmental agencies. Information on the 2010 SOC system can be found at:
<http://www.bls.gov/soc/>.

High Instructional Cost Calculation

Background & Purpose

The purpose of the calculation is to determine the eligibility of high priority occupational programs for designation as high priority and high instructional cost occupational programs. A credit program that meets all of the criteria for eligibility as a high priority occupational program may qualify as a high instructional cost program if it meets the high cost criteria. A program must bear an average instructional cost per equivalent full-time student of at least 130 percent of the average cost for all credit courses at the college (excluding courses associated exclusively with high cost programs). One (1) equivalent full-time student in high instructional cost programs will be counted as 1.5 equivalent full-time students for reimbursement purposes.

Direct Instructional Costs Categories

For purposes of calculating the instructional cost of a potentially high cost program, a community college should include direct instructional expenditures for all activities that are part of the program. Likewise, for purposes of calculating the average instructional cost per student for its for-credit programs, a community college should include the same categories of costs, with the exception that it should exclude costs associated with those courses that are unique to a high cost program, as well as the credit hours produced in high cost programs. For the purposes of the calculation, 2013-2014 **actual** expenditures should be used.

The instructional costs shall include the following categories:

Personnel Compensation

This category includes costs (salaries, wages and fringe benefits) expended for full-time and part-time faculty, other instructional administration and support personnel, including but not limited to teaching assistants, lab assistants, and tutors. These costs do not include costs associated with administrative support personnel or other general administrative personnel.

Instructional Supplies

This category includes classroom and laboratory materials and supplies.

Academic/Instructional Equipment

This category includes the annual depreciable cost of equipment in support of credit instruction.

Equivalent-Full-Time-Students Enrollments

For the purpose of these calculations **only**, both the total annual credit hour production (net of credits generated in high cost programs) and program specific annual credit hour production will be converted to full-time equivalency as follows:

Annual credit hour production divided by 24 = 1 equivalent full-time student

Pennsylvania Community Colleges

Bucks County Community College
275 Swamp Road
Newtown, PA 18940-4106

Lehigh Carbon Community College
4525 Education Park Drive
Schnecksville, PA 18078-2598

Butler County Community College
College Drive, P.O. Box 1203
Butler, PA 16003-1203

Luzerne County Community College
1333 South Prospect Street
Nanticoke, PA 18634-3899

Community College of Allegheny County
800 Allegheny Avenue
Pittsburgh, PA 15233-1895

Montgomery County Community College
340 Dekalb Pike
Blue Bell, PA 19422-0796

Community College of Beaver County
One Campus Drive
Monaca, PA 15061-2588

Northampton Community College
3835 Green Pond Road
Bethlehem, PA 18020-7599

Community College of Philadelphia
1700 Spring Garden Street
Philadelphia, PA 19130-3991

Pennsylvania Highlands Community
College
101 Community College Way
Johnstown, PA 15904-2949

Delaware County Community College
901 South Media Line Road
Media, PA 19063-1094

Reading Area Community College
10 South Second Street, P.O. Box
1706
Reading, PA 19603-1706

Harrisburg Area Community College
One HACC Drive
Harrisburg, PA 17110-2999

Westmoreland County Community College
145 Pavilion Lane
Youngwood, PA 15697-1895

**High Priority and High Instructional Cost Occupational Programs Approved
for 2014-2015 Fiscal Year**

Appendix A

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
13-1051	Cost Estimators					
		Allegheny	CERTIFICATE	46.9999	BUILDING CONSTRUCTION ESTIMATING	Three Rivers
13-1151	Training & Development Specialists					
		Butler	A.A.S.	52.1001	HUMAN RESOURCE MANAGEMENT	Tri-County
15-1121	Computer Systems Analysts					
		Butler	A.A.S.	11.0801	COMPUTER INFORMATION SYSTEMS - COMPUTER WEB PROGRAMMING SPECIALIST	Tri-County
15-1142	Network & Computer Systems Administrators					
		Penn Highlands	A.A.S.	11.0901	COMPUTER INFO & COMMUNICATION TECH - NETWORK ADMINISTRATION OPTION	S. Alleghenies
		Bucks	CERTIFICATE	11.0901	COMPUTER NETWORKING TECHNOLOGY	Bucks County
		Bucks	CERTIFICATE	11.1003	COMPUTER FORENSICS	Bucks County
15-1150	Computer Support Specialists					
		Butler	A.A.S.	11.0101	COMPUTER INFORMATION SYSTEMS - COMPUTER SUPPORT SPECIALIST	Tri-County
		Harrisburg	A.A.S.	11.0901	COMPUTER NETWORKING TECHNOLOGY	South Central
		Harrisburg	A.A.	11.0801	WEB DEVELOPMENT AND DESIGN	South Central
		Harrisburg	CERTIFICATE	11.0801	WEB DEVELOPMENT AND DESIGN	South Central
		Westmoreland	CERTIFICATE	11.0801	COMPUTER TECHNOLOGY - WEB DEVELOPMENT	West-Faye
17-3011	Architectural & Civil Drafters					
		Westmoreland	A.A.S.	15.1303	ARCHITECTURAL DRAFTING & DESIGN	West-Faye
		Allegheny	A.S.	15.1303	ARCHITECTURAL DRAFTING AND DESIGN TECH	Three Rivers

A.A.-Associate of Arts, A.A.S.-Associate of Applied Science, A.S.-Associate of Science

WIA Region: "Regional" denotes a program that is designed to meet regional needs and approved by PDE

**High Priority and High Instructional Cost Occupational Programs Approved
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Appendix A

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
17-3013 Mechanical Drafters						
		Westmoreland	A.A.S.	15.1306	DRAFTING & DESIGN TECH - MECHANICAL DRAFTING & DESIGN OPTION	West-Faye
		Westmoreland	A.A.S.	15.1306	DRAFTING & DESIGN TECHNOLOGY - CADD OPTION	West-Faye
		Westmoreland	A.A.S.	15.0805	ENGINEERING	West-Faye
		Allegheny	A.S.	15.1306	MECHANICAL DRAFTING AND DESIGN	Three Rivers
		Allegheny	A.S.	15.1302	COMPUTER AIDED DRAFTING AND DESIGN TECHNOLOGY	Three Rivers
		Allegheny	CERTIFICATE	15.1302	BASIC COMPUTER AIDED DRAFTING	Three Rivers
17-3024 Electro-Mechanical Technicians						
		Delaware	A.A.S.	15.0405	AUTOMATED MFG/ROBOTICS TECHNOLOGY (ROBO)	Delaware
		Delaware	A.A.S.	15.0303	ELECTRONICS TECHNOLOGY (ETEC)	Delaware
		Harrisburg	A.A.S.	15.0303	NANOFABRICATION MANUFACTURING TECHNOLOGY	Lancaster
		Lehigh Carbon	A.A.S.	15.1601	NANOFABRICATION TECHNOLOGY (NMT)	Lehigh Valley
		Northampton	A.A.S.	15.0303	NANOFABRICATION MANUFACTURING TECHNOLOGY: ELECTRONICS	Lehigh Valley
17-3026 Industrial Engineering Technicians						
		Delaware	A.A.S.	15.0503	ENERGY TECHNOLOGIES (EGY)	Delaware
		Lehigh Carbon	A.A.S.	15.0613	INDUSTRIAL AUTOMATION (INR)	Lehigh Valley
		Montgomery	A.A.S.	15.1401	NUCLEAR ENGINEERING TECHNOLOGY (A.A.S.)	Montgomery
		Northampton	A.A.S.	15.0702	APPLIED QUALITY & STANDARDS	Lehigh Valley
		Penn Highlands	A.A.S.	15.0000	TECHNOLOGY STUDIES	S. Alleghenies

A.A.-Associate of Arts, A.A.S.-Associate of Applied Science, A.S.-Associate of Science

WIA Region: "Regional" denotes a program that is designed to meet regional needs and approved by PDE

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Appendix A

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Westmoreland	A.A.S.	15.0613	MANUFACTURING TECHNOLOGY, MANUFACTURING PROCESS TECHNOLOGY	West-Faye
		Westmoreland	A.A.S.	15.0303	NANOFABRICATION	West-Faye
19-4021	Biological Technicians					
		Northampton	A.A.S.	26.1201	BIOTECHNOLOGY	Lehigh Valley
		Penn Highlands	A.A.S.	26.1201	BIOTECHNOLOGY	S. Alleghenies
		Westmoreland	A.A.S.	41.0101	BIONANOTECHNOLOGY	West-Faye
		Allegheny	A.S.	41.9999	LAB TECHNOLOGY	Three Rivers
		Montgomery	A.S.	41.0101	ENVIRONMENTAL SCIENCE	Montgomery
		Bucks	CERTIFICATE	41.0101	BIOTECHNOLOGY - CELL AND TISSUE CULTURE	Bucks County
21-1014	Mental Health Counselors					
		Harrisburg	CERTIFICATE	19.0702	GERONTOLOGY	South Central
		Harrisburg	DIPLOMA	19.0702	GERONTOLOGY	South Central
23-2011	Paralegals & Legal Assistants					
		Westmoreland	A.A.S.	22.0302	LEGAL ASSISTANT	West-Faye
		Westmoreland	DIPLOMA	22.0302	LEGAL ASSISTANT	West-Faye
23-2091	Court Reporters					
		Allegheny	A.S.	22.0303	COURT REPORTING	Three Rivers
		Allegheny	CERTIFICATE	22.0303	COURT REPORTING	Three Rivers
27-1024	Graphic Designers					
		Bucks	A.A.	50.0402	GRAPHIC DESIGN	Bucks County
		Montgomery	A.A.S.	50.0409	DIGITAL DESIGN: COMPUTER GRAPHICS (A.A.S.)	Montgomery

**High Priority and High Instructional Cost Occupational Programs Approved
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Appendix A

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Montgomery	A.A.S.	11.0801	DIGITAL DESIGN: MULTIMEDIA DESIGN OPTION (A.A.S.)	Montgomery
		Bucks	CERTIFICATE	11.0801	WEB DESIGN & MULTI-MEDIA	Bucks County
		Delaware	CERTIFICATE	15.1302	COMPUTER AIDED DRAFTING (DDTC)	Chester
29-1051	Pharmacists					
		Beaver	CERTIFICATE	51.0805	PHARMACY TECHNICIAN	SW Corner
29-1111	Registered Nurses					
		Bucks	A.A.	51.3801	NURSING	Bucks County
		Harrisburg	A.A.	51.3801	NURSING	South Central
		Beaver	A.A.S.	51.3801	ASSOCIATE DEGREE NURSING	SW Corner
		Butler	A.A.S.	51.3801	NURSING	Tri-County
		Delaware	A.A.S.	51.3801	NURSING (NURS)	Delaware
		Lehigh Carbon	A.A.S.	51.3801	NURSING R.N. (A.D.N)	Lehigh Valley
		Luzerne	A.A.S.	51.3801	NURSING	Luzerne-Schuylkill
		Montgomery	A.A.S.	51.3801	NURSING (A.A.S.)	Montgomery
		Northampton	A.A.S.	51.3801	REGISTERED NURSE	Lehigh Valley
		Philadelphia	A.A.S.	51.3801	NURSING	Philadelphia
		Reading	A.A.S.	51.3801	NURSING	Berks
		Westmoreland	A.A.S.	51.3801	NURSING	West-Faye
		Allegheny	A.S.	51.1601	NURSING	Three Rivers
29-1126	Respiratory Therapists					
		Delaware	A.A.S.	51.0908	RESPIRATORY THERAPY (RESP)	Delaware

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**High Priority and High Instructional Cost Occupational Programs Approved
for 2014-2015 Fiscal Year**

Appendix A

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Luzerne	A.A.S.	51.0908	RESPIRATORY THERAPY	Luzerne-Schuylkill
		Philadelphia	A.A.S.	51.0908	RESPIRATORY CARE TECHNOLOGY	Philadelphia
		Reading	A.A.S.	51.0908	RESPIRATORY CARE	Berks
		Allegheny	A.S.	51.0908	RESPIRATORY THERAPIST	Three Rivers
		Harrisburg	A.S.	51.0908	RESPIRATORY THERAPIST	South Central
29-2012 Medical & Clinical Laboratory Technicians						
		Harrisburg	A.A.	51.1004	MEDICAL LABORATORY TECHNICIAN	South Central
		Montgomery	A.A.S.	51.1004	MEDICAL LABORATORY TECHNICIAN (A.A.S.)	Montgomery
		Philadelphia	A.A.S.	51.1004	CLINICAL LABORATORY TECHNICIAN	Philadelphia
		Reading	A.A.S.	51.1004	MEDICAL LABORATORY TECHNICIAN	Berks
		Westmoreland	A.A.S.	51.1005	CLINICAL LAB TECHNICIAN	West-Faye
		Allegheny	A.S.	51.1004	MEDICAL LAB TECHNOLOGY	Three Rivers
		Philadelphia	CERTIFICATE	51.1004	CLINICAL ASSISTANT	Philadelphia
29-2021 Dental Hygienists						
		Harrisburg	A.A.	51.0602	DENTAL HYGIENE	South Central
		Luzerne	A.A.S.	51.0602	DENTAL HYGIENE	Luzerne-Schuylkill
		Montgomery	A.A.S.	51.0602	DENTAL HYGIENE (A.A.S.)	Montgomery
		Northampton	A.A.S.	51.0602	DENTAL HYGIENE	Lehigh Valley
		Philadelphia	A.A.S.	51.0602	DENTAL HYGIENE	Philadelphia
		Westmoreland	A.A.S.	51.0602	DENTAL HYGIENE	West-Faye

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**High Priority and High Instructional Cost Occupational Programs Approved
for 2014-2015 Fiscal Year**

Appendix A

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29-2031	Cardiovascular Technologists & Technicians					
		Harrisburg	A.S.	51.0901	CARDIOVASCULAR TECHNOLOGY - CARDIAC SONOGRAPHY	South Central
		Harrisburg	A.S.	51.0901	CARDIOVASCULAR TECHNOLOGY - INVASIVE CARDIOVASCULAR TECHNOLOGY	South Central
29-2032	Diagnostic Medical Sonographers					
		Northampton	A.A.S.	51.0910	DIAGNOSTIC MEDICAL SONOGRAPHY	Lehigh Valley
		Philadelphia	A.A.S.	51.0910	DIAGNOSTIC MEDICAL IMAGING	Philadelphia
		Allegheny	A.S.	51.0910	DIAGNOSTIC MEDICAL SONOGRAPHER	Three Rivers
		Harrisburg	A.S.	51.0910	DIAGNOSTIC MEDICAL SONOGRAPHY	South Central
29-2037	Radiologic Technologists & Technicians					
		Beaver	A.A.S.	51.0907	RADIOLOGIC TECHNOLOGY	SW Corner
		Montgomery	A.A.S.	51.0911	RADIOGRAPHY	Montgomery
		Northampton	A.A.S.	51.0911	RADIOGRAPHY	Lehigh Valley
		Westmoreland	A.A.S.	51.0911	RADIOLOGY TECHNOLOGY	West-Faye
		Allegheny	A.S.	51.0907	RADIATION THERAPY TECHNOLOGY	Three Rivers
		Allegheny	A.S.	51.0911	RADIOLOGIC TECH.	Three Rivers
		Allegheny	A.S.	51.0905	NUCLEAR MEDICINE TECHNOLOGY	Three Rivers
		Harrisburg	A.S.	51.0911	RADIOLOGIC TECHNOLOGY (College Based)	South Central
		Allegheny	CERTIFICATE	51.0907	RADIATION THERAPY TECHNOLOGY	Three Rivers
		Allegheny	CERTIFICATE	51.0905	NUCLEAR MEDICINE TECHNOLOGY	Three Rivers

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**High Priority and High Instructional Cost Occupational Programs Approved
for 2014-2015 Fiscal Year**

Appendix A

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
29-2041	Emergency Medical Technicians & Paramedics					
		Harrisburg	A.A.	51.0904	PARAMEDIC - EMERGENCY MEDICAL TECHNICIAN	South Central
		Delaware	A.A.S.	51.0904	PARAMEDIC - ADVANCED LIFE SUPPORT (EMTP)	Delaware
		Luzerne	A.A.S.	51.0904	EMERGENCY MEDICAL SERVICES	Luzerne-Schuylkill
		Allegheny	A.S.	51.0904	EMERGENCY MEDICAL TECHNICIAN	Three Rivers
		Allegheny	CERTIFICATE	51.0904	EMERGENCY MEDICAL SERVICE	Three Rivers
		Delaware	CERTIFICATE	51.0904	EMERGENCY SERVICES TECHNOLOGY (EMSC)	Delaware
		Harrisburg	CERTIFICATE	51.0904	PARAMEDIC - EMERGENCY MEDICAL TECHNICIAN	South Central
29-2055	Surgical Technologists					
		Luzerne	A.A.S.	51.0909	SURGICAL TECHNOLOGY	Luzerne-Schuylkill
		Allegheny	A.S.	51.0909	SURGICAL TECHNOLOGIST	Three Rivers
		Allegheny	CERTIFICATE	51.0909	SURGICAL TECHNOLOGY	Three Rivers
29-2056	Veterinary Technologists & Technicians					
		Lehigh Carbon	A.A.S.	51.0808	VETERINARY TECHNICIAN (VET)	Lehigh Valley
		Northampton	A.A.S.	51.0808	VETERINARY TECHNICIAN	Lehigh Valley
29-2061	Licensed Practical & Licensed Vocational Nurses					
		Harrisburg	CERTIFICATE	51.3901	PRACTICAL NURSING	South Central
		Lehigh Carbon	CERTIFICATE	51.3901	PRACTICAL NURSING (NURC)	Lehigh Valley
		Northampton	CERTIFICATE	51.3901	PRACTICAL NURSE	Lehigh Valley
		Reading	CERTIFICATE	51.3901	PRACTICAL NURSING	Berks
		Beaver	DIPLOMA	51.3901	NURSING L.P.N.	SW Corner
		Westmoreland	DIPLOMA	51.3901	NURSING (PRACTICAL)	West-Faye

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**High Priority and High Instructional Cost Occupational Programs Approved
for 2014-2015 Fiscal Year**

Appendix A

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29-2071	Medical Records & Health Information Technicians					
		Penn Highlands	A.A.S.	51.0710	MEDICAL ASSISTING TECHNOLOGY	S. Alleghenies
		Allegheny	A.S.	51.0707	HEALTH INFORMATION TECHNOLOGY	Three Rivers
		Bucks	CERTIFICATE	51.0713	MEDICAL CODING/BILLING	Bucks County
		Penn Highlands	DIPLOMA	51.0713	MEDICAL CODING SPECIALIST	S. Alleghenies
31-2011	Occupational Therapy Assistants					
		Allegheny	A.S.	51.0803	OCCUPATION THERAPY ASSISTANT	Three Rivers
31-2021	Physical Therapist Assistants					
		Butler	A.A.S.	51.0806	PHYSICAL THERAPIST ASSISTANT	Tri-County
		Allegheny	A.S.	51.0806	PHYSICAL THERAPIST ASSISTANT	Three Rivers
31-9091	Dental Assistants					
		Luzerne	A.A.S.	51.0601	DENTAL PRACTICE MANAGEMENT	Luzerne-Schuylkill
		Harrisburg	CERTIFICATE	51.0601	DENTAL ASSISTING	South Central
		Luzerne	CERTIFICATE	51.0601	DENTAL ASSISTANT	Luzerne-Schuylkill
		Westmoreland	CERTIFICATE	51.0601	EXPANDED FUNCTIONS DENTAL ASSISTING	West-Faye
		Westmoreland	DIPLOMA	51.0601	DENTAL ASSISTING	West-Faye
31-9092	Medical Assistants					
		Bucks	A.A.	51.0710	MEDICAL ASSISTANT	Bucks County
		Butler	A.A.S.	51.0710	MEDICAL ASSISTANT	Tri-County
		Allegheny	A.S.	51.0801	MEDICAL ASSISTANT	Three Rivers
		Allegheny	CERTIFICATE	51.0801	CENTRAL SERVICES TECHNICIAN	Three Rivers

**High Priority and High Instructional Cost Occupational Programs Approved
for 2014-2015 Fiscal Year**

Appendix A

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Bucks	CERTIFICATE	51.0710	MEDICAL ASSISTANT - CLINICAL	Bucks County
		Bucks	CERTIFICATE	51.0710	MEDICAL ASSISTANT - ADMINISTRATIVE	Bucks County
		Montgomery	CERTIFICATE	51.0801	CERTIFICATE IN MEDICAL ASSISTING	Montgomery
		Allegheny	DIPLOMA	51.0801	MEDICAL ASSISTANT	Three Rivers
		Northampton	DIPLOMA	51.0801	MEDICAL ASSISTANT	Lehigh Valley
31-9097	Phlebotomists					
		Westmoreland	CERTIFICATE	51.1009	PHLEBOTOMY-SPECIMEN PROCESSING	West-Faye
35-1012	Supervisors - Food Preparation & Serving Workers					
		Bucks	A.A.	12.0508	CHEF APPRENTICESHIP: FOODS EMPHASIS	Bucks County
		Bucks	A.A.	12.0508	CHEF APPRENTICESHIP: PASTRY EMPHASIS	Bucks County
		Bucks	A.A.	19.0505	HOSPITALITY & TOURISM: FOOD SERVICE MANAGEMENT EMPHASIS	Bucks County
		Harrisburg	A.A.	19.0505	RESTAURANT/FOOD SERVICE MANAGEMENT	South Central
		Westmoreland	A.A.S.	12.0504	RESTAURANT/MANAGEMENT	West-Faye
		Northampton	A.A.S.	12.0503	CULINARY ARTS	Lehigh Valley
		Westmoreland	A.A.S.	12.0503	CULINARY ARTS - APPRENTICE	West-Faye
		Westmoreland	A.A.S.	12.0503	CULINARY ARTS	West-Faye
		Allegheny	CERTIFICATE	51.3199	DIETARY MANAGER	Three Rivers
		Bucks	CERTIFICATE	12.0508	CULINARY/PASTRY AND CATERING ARTS	Bucks County
		Bucks	CERTIFICATE	19.0505	HOTEL/RESTAURANT/ INSTITUTIONAL SUPERVISION	Bucks County
		Northampton	DIPLOMA	12.0503	CULINARY ARTS	Lehigh Valley
		Westmoreland	DIPLOMA	12.0503	CULINARY ARTS - APPRENTICE	West-Faye

**High Priority and High Instructional Cost Occupational Programs Approved
for 2014-2015 Fiscal Year**

Appendix A

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35-2014	Cooks, Restaurant					
		Harrisburg	A.A.	12.0503	CULINARY ARTS	Lancaster
		Harrisburg	Certificate	12.0503	CULINARY ARTS	Lancaster
		Harrisburg	Diploma	12.0503	CULINARY ARTS-CATERING	Lancaster
39-9031	Fitness Trainers & Aerobics Instructors					
		Harrisburg	A.S.	13.1205	EXERCISE SCIENCE-PHYSICAL EDUCATION	South Central
41-1011	Supervisors - Retail Sales Workers					
		Butler	A.A.S.	52.1804	MARKETING MANAGEMENT	Tri-County
43-1011	Supervisors - Office & Administrative Support Workers					
		Penn Highlands	A.A.S.	52.0401	ADMINISTRATIVE OFFICE ASSISTANT	S. Alleghenies
43-3021	Billing & Posting Clerks					
		Penn Highlands	A.A.S.	52.0101	BUSINESS MANAGEMENT	S. Alleghenies
43-3031	Bookkeeping, Accounting & Auditing Clerks					
		Delaware	A.A.S.	52.0302	ACCOUNTING (ACCT)	Delaware
		Penn Highlands	A.A.S.	52.0302	ACCOUNTING	S. Alleghenies
		Delaware	CERTIFICATE	52.0302	PROFESSIONAL ACCOUNTING (ACC)	Delaware
43-4051	Customer Service Representatives					
		Westmoreland	CERTIFICATE	52.0908	CASINO/GAMING	West-Faye
43-6014	Secretaries					
		Butler	A.A.S.	52.0401	OFFICE ADMINISTRATION - EXECUTIVE	Tri-County
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse					
		Harrisburg	CERTIFICATE	01.0309	ENOLOGY TECHNOLOGY	Lancaster

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**High Priority and High Instructional Cost Occupational Programs Approved
for 2014-2015 Fiscal Year**

Appendix A

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47-1011	Supervisors - Construction Trades & Extraction Workers					
		Delaware	A.A.S.	46.0412	CONSTRUCTION MANAGEMENT TECHNOLOGY (CTEC)	Delaware
		Harrisburg	CERTIFICATE	15.1001	BUILDING CONSTRUCTION TECHNOLOGY	South Central
		Delaware	DIPLOMA	46.0412	CONSTRUCTION SUPERVISOR (CSUP)	Delaware
47-2031	Carpenters					
		Harrisburg	CERTIFICATE	46.0201	CARPENTRY TECHNOLOGY	South Central
		Delaware	DIPLOMA	46.0201	FINISH CARPENTRY (CPTC)	Delaware
		Delaware	DIPLOMA	46.0201	RESIDENTIAL CARPENTRY (CPT)	Delaware
		Harrisburg	DIPLOMA	46.0000	HOME AND BUILDING REMODELING	South Central
47-2111	Electricians					
		Harrisburg	A.A.S.	15.0503	ALTERNATIVE ENERGY	South Central
		Delaware	CERTIFICATE	46.0302	ELECTRICAL OCCUPATIONS (ELT)	Delaware
		Harrisburg	CERTIFICATE	46.0302	INDEPENDENT ELECTRICAL CONTRACTORS	South Central
		Harrisburg	CERTIFICATE	15.0505	ALTERNATIVE ENERGY - PV SOLAR	South Central
		Harrisburg	CERTIFICATE	46.0302	ELECTRICAL TECHNOLOGY	South Central
		Harrisburg	DIPLOMA	46.0302	ELECTRICAL TECHNOLOGY	South Central
		Northampton	DIPLOMA	47.0105	ELECTRICAL TECHNOLOGY	Lehigh Valley
47-2152	Plumbers, Pipefitters & Steamfitters					
		Delaware	DIPLOMA	46.0503	PLUMBING APPRENTICESHIP (PLB)	Delaware
47-4011	Construction & Building Inspectors					
		Philadelphia	CERTIFICATE	46.0403	ENERGY CONSERVATION ACADEMIC CERTIFICATE	Philadelphia

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**High Priority and High Instructional Cost Occupational Programs Approved
for 2014-2015 Fiscal Year**

Appendix A

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47-5071	Roustabouts, Oil & Gas					
		Westmoreland	CERTIFICATE	46.0504	NATURAL GAS & OIL TECHNICIAN	West-Faye
49-3023	Automotive Service Technicians & Mechanics					
		Delaware	A.A.S.	47.0604	AUTOMOTIVE TECHNOLOGY (AUTO)	Delaware
		Harrisburg	A.A.S.	47.0604	AUTOMOTIVE TECHNOLOGY - GENERAL MOTORS ASEP	South Central
		Harrisburg	A.A.S.	47.0604	AUTOMOTIVE TECHNOLOGY	South Central
		Montgomery	A.A.S.	47.0604	AUTOMOTIVE TECHNOLOGY (A.A.S.)	Montgomery
		Northampton	A.A.S.	47.0604	AUTOMOTIVE TECHNOLOGY	Lehigh Valley
		Northampton	A.A.S.	47.0604	AUTOMOTIVE TECHNOLOGY - ASE CERTIFIED TECHNICIANS	Lehigh Valley
		Philadelphia	A.A.S.	47.0604	AUTOMOTIVE TECHNOLOGY-AUTOMOTIVE SERVICE TECHNOLOGY OPTION	Philadelphia
		Allegheny	A.S.	47.0604	AUTOMOTIVE TECHNOLOGY PROGRAM	Three Rivers
		Allegheny	A.S.	47.0604	ASEP/ASSET/CAP AUTOMOTIVE	Three Rivers
		Allegheny	CERTIFICATE	47.0604	AUTOMOTIVE TECHNOLOGY PROGRAM	Three Rivers
		Delaware	CERTIFICATE	47.0604	AUTOMOTIVE TECHNOLOGY I (AUT)	Delaware
		Delaware	CERTIFICATE	47.0604	AUTOMOTIVE TECHNOLOGY II (AUTC)	Delaware
		Harrisburg	CERTIFICATE	47.0604	AUTOMOTIVE TECHNOLOGY	South Central
		Montgomery	CERTIFICATE	47.0604	CERTIFICATE IN AUTOMOTIVE TECHNOLOGY	Montgomery
		Philadelphia	CERTIFICATE	47.0604	AUTOMOTIVE SERVICE	Philadelphia
		Northampton	DIPLOMA	47.0604	AUTOMOTIVE TECHNOLOGY	Lehigh Valley

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**High Priority and High Instructional Cost Occupational Programs Approved
for 2014-2015 Fiscal Year**

Appendix A

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49-9021	Heating, A/C & Refrigeration Mechanics & Installers					
		Delaware	A.A.S.	47.0201	HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION(HVAC)	Delaware
		Harrisburg	A.A.S.	47.0201	HEATING, VENTILATION AND AIR CONDITIONING	South Central
		Lehigh Carbon	A.A.S.	47.0201	HEATING, AIR CONDITIONING AND REFRIGERATION TECHNOLOGY (HAC)	Lehigh Valley
		Westmoreland	A.A.S.	47.0201	HEATING, VENTILATION, AIR CONDITIONING & REFRIGERATION	West-Faye
		Allegheny	A.S.	47.0201	HEATING/AIR CONDITIONING	Three Rivers
		Allegheny	CERTIFICATE	47.0201	HEATING/AIR CONDITIONING	Three Rivers
		Harrisburg	CERTIFICATE	47.0201	HEATING, VENTILATION AND AIR CONDITIONING	South Central
		Lehigh Carbon	CERTIFICATE	47.0201	HEATING, AIR CONDITIONING AND REFRIGERATION TECHNOLOGY (HACC)	Lehigh Valley
		Westmoreland	CERTIFICATE	47.0201	HEATING, VENTILATION, AIR CONDITIONING & REFRIGERATION	West-Faye
		Delaware	DIPLOMA	47.0201	HEATING-VENTILATING-AIR COND. & REFRIGERATION (HVA)	Delaware
		Harrisburg	DIPLOMA	47.0201	HEATING, VENTILATION AND AIR CONDITIONING	South Central
		Northampton	DIPLOMA	47.0201	INDOOR ENVIRONMENTAL CONTROL	Lehigh Valley
49-9041	Industrial Machinery Mechanics					
		Delaware	A.A.S.	47.0303	INDUSTRIAL SYSTEMS TECHNOLOGY (ISTD)	Delaware
		Harrisburg	A.A.S.	47.0303	INDUSTRIAL MAINTENANCE TECHNOLOGY	South Central
		Harrisburg	A.A.S.	14.4201	MECHATRONICS	South Central
		Westmoreland	A.A.S.	47.0303	MANUFACTURING TECHNOLOGY - MFG MAINTENANCE APPR OPTION	West-Faye

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**High Priority and High Instructional Cost Occupational Programs Approved
for 2014-2015 Fiscal Year**

Appendix A

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		Harrisburg	CERTIFICATE	14.4201	MECHATRONICS	South Central
		Lehigh Carbon	CERTIFICATE	47.0303	INDUSTRIAL AUTOMATION (INRC)	Lehigh Valley
		Delaware	DIPLOMA	47.0303	INDUSTRIAL SYSTEMS TECHNOLOGY (IST)	Delaware
		Harrisburg	DIPLOMA	47.0303	INDUSTRIAL MAINTENANCE TECHNOLOGY	South Central
		Harrisburg	DIPLOMA	14.4201	MECHATRONICS	South Central
51-1011	Supervisors - Production & Operating Workers					
		Bucks	A.A.	48.0000	SMALL BUSINESS MANAGEMENT	Bucks County
51-3011	Bakers					
		Montgomery	A.A.S.	12.0501	CULINARY ARTS (A.A.S.) with CONCENTRATIONS in PROFESSIONAL CULINARY ART and BAKING and PASTRY ARTS	Montgomery
		Harrisburg	CERTIFICATE	12.0501	BAKING & PASTRY ARTS	Lancaster
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic					
		Butler	A.A.S.	48.0503	COMPUTER AIDED MACHINING TECHNOLOGY	Tri-County
		Luzerne	A.A.S.	48.0599	COMPUTER AIDED DRAFTING AND DESIGN	Luzerne-Schuylkill
		Westmoreland	A.A.S.	48.0510	COMPUTER NUMERICAL CONTROL	West-Faye
		Luzerne	CERTIFICATE	48.0599	COMPUTER AIDED DRAFTING & DESIGN	Luzerne-Schuylkill
		Westmoreland	CERTIFICATE	48.0510	COMPUTER NUMERICAL CONTROL	West-Faye
		Delaware	DIPLOMA	48.0501	CNC PROGRAMMING - LATHE AND MILL (CNC)	Delaware
		Delaware	DIPLOMA	48.0510	COMPUTER AIDED MACHINING, LATHE & TURNING MACHINE (CAM)	Delaware

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**High Priority and High Instructional Cost Occupational Programs Approved
for 2014-2015 Fiscal Year**

Appendix A

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51-4041	Machinists					
		Delaware	A.A.S.	15.0805	MECHANICAL TECHNOLOGY (ATEC)	Delaware
		Delaware	A.A.S.	48.0501	MACHINE TOOL TECHNOLOGY (MTT)	Delaware
		Westmoreland	A.A.S.	48.0501	MACHINE TECHNOLOGY	West-Faye
		Westmoreland	CERTIFICATE	48.0501	MACHINE TECHNOLOGY	West-Faye
		Delaware	DIPLOMA	48.0501	MACHINING OPERATIONS - LEVEL I (MTC1)	Delaware
51-4121	Welders, Cutters, Solderers & Brazers					
		Penn Highlands	A.A.S.	48.0508	WELDING TECHNOLOGY	S. Alleghenies
		Westmoreland	A.A.S.	48.0508	WELDING ENGINEERING TECHNOLOGY	West-Faye
		Harrisburg	CERTIFICATE	48.0508	WELDING TECHNOLOGY	South Central
		Westmoreland	CERTIFICATE	48.0508	WELDING ENGINEERING TECHNOLOGY	West-Faye
		Harrisburg	DIPLOMA	48.0508	WELDING	South Central
		Northampton	DIPLOMA	48.0508	WELDING TECHNOLOGY	Lehigh Valley

**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
11-2022	Sales Managers	Allegheny	A.S.	52.0999	FOODSERVICE, LODGING & RECREATION MANAGEMENT	Three Rivers
		Allegheny	CERTIFICATE	52.0904	LODGING & RECREATIONAL MANAGEMENT	Three Rivers
13-1031	Claims Adjusters, Examiners & Investigators	Butler	A.S.	52.0101	BUSINESS ADMINISTRATION	Tri-County
13-1051	Cost Estimators	Allegheny	A.S.	46.9999	BUILDING CONSTRUCTION ESTIMATING	Three Rivers
		Allegheny	CERTIFICATE	46.9999	CONSTRUCTION ESTIMATING	Three Rivers
		Harrisburg	DIPLOMA	15.1001	CONSTRUCTION ESTIMATING	South Central
13-1061	Emergency Management Specialists	Montgomery	CERTIFICATE	43.0112	EMERGENCY MANAGEMENT & PLANNING CERTIFICATE	REGIONAL
13-1151	Training & Development Specialists	Beaver	A.A.S.	52.1001	HUMAN RESOURCE MANAGEMENT	SW Corner
		Lehigh Carbon	A.A.S.	52.1001	HUMAN RESOURCE MANAGEMENT (HMN)	Lehigh Valley
		Lehigh Carbon	CERTIFICATE	52.1001	HUMAN RESOURCE MANAGEMENT (HMNC)	Lehigh Valley
13-1161	Market Research Analysts & Marketing Specialists	Delaware	A.S.	52.0101	BUSINESS ADMINISTRATION - MARKETING (BUMR)	Delaware
13-2011	Accountants & Auditors	Penn Highlands	A.S.	52.0301	ACCOUNTING - ASSOCIATE OF SCIENCE	S. Alleghenies

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**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
13-2051	Financial Analysts	Westmoreland	A.A.S.	52.0803	BUSINESS - FINANCIAL MANAGEMENT OPTION	West-Faye
		Westmoreland	CERTIFICATE	52.0803	BUSINESS - FINANCIAL MANAGEMENT	West-Faye
15-1121	Computer Systems Analysts	Delaware	A.A.S.	11.1004	WEB DEVELOPMENT (ITWD)	Delaware
		Lehigh Carbon	A.A.S.	11.0501	COMPUTER SPECIALIST - INFORMATION SYSTEMS	Lehigh Valley
		Luzerne	A.A.S.	11.0801	WEB DEVELOPMENT TECHNOLOGY	Luzerne-Schuylkill
		Montgomery	A.A.S.	11.1004	WEB DESIGN & DEVELOPMENT - DESIGN CONCENTRATION (A.A.S.)	Montgomery
		Westmoreland	A.A.S.	11.0201	COMPUTER PROGRAMMING FOR THE ENTERPRISE	West-Faye
		Allegheny	CERTIFICATE	11.1003	CIT: COMPUTER FORENSIC TECHNOLOGY	Three Rivers
		Delaware	CERTIFICATE	11.0801	INTERACTIVE MULTIMEDIA (IMMC)	Delaware
		Delaware	CERTIFICATE	11.1004	WEB DEVELOPMENT (WEB)	Delaware
		Lehigh Carbon	CERTIFICATE	11.0501	COMPUTER SPECIALIST - INFORMATION SYSTEMS	Lehigh Valley
		Luzerne	CERTIFICATE	11.0801	WEB DEVELOPMENT TECHNOLOGY	Luzerne-Schuylkill
		Montgomery	CERTIFICATE	11.1004	WEB DESIGN & DEVELOPMENT CERTIFICATE: DESIGN CONCENTRATION	Montgomery
15-1131	Computer Programmers	Bucks	A.A.	11.0202	DIGITAL GAME AND SIMULATION DESIGN	Bucks County

**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Beaver	A.A.S.	11.0801	WEB PROGRAMMING - COMPUTER INFORMATION SYSTEMS / TELECOMMUNICATIONS	SW Corner
		Delaware	A.A.S.	11.0202	COMPUTER PROGRAMMING (DPRP)	Delaware
		Lehigh Carbon	A.A.S.	11.0201	COMPUTER SPECIALIST-PROGRAMMING CONCENTRATION (CSP)	Lehigh Valley
		Lehigh Carbon	A.A.S.	11.0804	COMPUTER GAME AND SIMULATION DEVELOPMENT - PROGRAMMING TRACK	Lehigh Valley
		Delaware	A.S.	15-1131	COMPUTER SCIENCE (CIS)	Delaware
		Beaver	CERTIFICATE	11.0801	WEB PROGRAMMING SPECIALIST	SW Corner
15-1132	Software Developers, Applications					
		Montgomery	A.A.S.	14.0903	ELECTRONIC GAME AND SIMULATION DESIGN (A.A.S.)	Montgomery
		Northampton	A.A.S.	11.0201	COMPUTER INFORMATION TECHNOLOGY - APPLICATION DEVELOPMENT OPTION	Lehigh Valley
		Northampton	A.A.S.	11.0801	WEB DEVELOPMENT	Lehigh Valley
		Montgomery	A.S.	11.0701	COMPUTER SCIENCE (A.S.)	Montgomery
		Northampton	A.S.	11.0701	COMPUTER INFORMATION SYSTEMS	Lehigh Valley
		Allegheny	CERTIFICATE	11.0801	MULTIMEDIA WEB DESIGN	Three Rivers
		Montgomery	CERTIFICATE	14.0903	SOFTWARE ENGINEERING CERTIFICATE	Montgomery
		Westmoreland	CERTIFICATE	11.0801	WEB DESIGN	West-Faye
		Westmoreland	CERTIFICATE	11.0201	COMPUTER PROGRAMMING	West-Faye
		Westmoreland	CERTIFICATE	11.0103	COMPUTER TECHNOLOGY - MICROCOMPUTER APPLICATIONS	West-Faye
		Northampton	DIPLOMA	11.0201	COMPUTER INFORMATION TECHNOLOGY - APPLICATION PROGRAMMING OPTION	Lehigh Valley

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**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Westmoreland	DIPLOMA	15.1203	COMPUTER TECHNOLOGY	West-Faye
		Westmoreland	DIPLOMA	11.0901	COMPUTER TECHNOLOGY - TELECOMMUNICATIONS OPTION	West-Faye
15-1133	Software Developers, Systems Software					
		Allegheny	A.S.	11.0201	COMPUTER INFORMATION TECHNOLOGY: APPLICATION SOFTWARE DEVELOPMENT	Three Rivers
		Northampton	A.S.	11.0701	COMPUTER SCIENCE	Lehigh Valley
		Allegheny	CERTIFICATE	52.0208	E-COMMERCE	Three Rivers
		Allegheny	CERTIFICATE	11.0201	COMPUTER INFORMATION TECHNOLOGY: APPLICATION SOFTWARE DEVELOPMENT	Three Rivers
15-1142	Network & Computer Systems Administrators					
		Bucks	A.A.	11.0901	COMPUTER NETWORKING TECHNOLOGY	Bucks County
		Beaver	A.A.S.	11.1003	CYBERSECURITY	SW Corner
		Bucks	A.A.S.	11.1001	INFORMATION TECHNOLOGY STUDIES	Bucks County
		Butler	A.A.S.	11.0101	COMPUTER INFORMATION SYSTEMS- PROGRAMMING SPECIALIST	Tri-County
		Butler	A.A.S.	11.1003	COMPUTER FORENSICS	Tri-County
		Butler	A.A.S.	11.1001	COMPUTER INFORMATION SYSTEMS - NETWORK ADMINISTRATOR	Tri-County
		Delaware	A.A.S.	11.0901	NETWORK ENGINEERING (DPRN)	Delaware
		Lehigh Carbon	A.A.S.	11.0901	COMPUTER SPECIALIST -NETWORK TECHNOLOGY (CST)	Lehigh Valley
		Luzerne	A.A.S.	11.1003	CYBER SECURITY MANAGEMENT	Luzerne- Schuylkill
		Montgomery	A.A.S.	11.1001	COMPUTER NETWORKING	Montgomery

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**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Reading	A.A.S.	11.0801	WEB SITE DEVELOPMENT	Berks
		Allegheny	A.S.	11.0901	COMPUTER INFORMATION TECHNOLOGY - NETWORK ADMINISTRATION	Three Rivers
		Lehigh Carbon	A.S.	11.1003	COMPUTER FORENSICS AND SECURITY (CFSS)	Lehigh Valley
		Allegheny	CERTIFICATE	11.1001	COMPUTER INFORMATION TECHNOLOGY - NETWORK ADMINISTRATION	Three Rivers
		Beaver	CERTIFICATE	11.0901	CISCO NETWORKING CERTIFICATE	SW Corner
		Luzerne	CERTIFICATE	11.0202	COMPUTER PROGRAMMING	Luzerne-Schuylkill
		Luzerne	CERTIFICATE	11.1003	CYBER SECURITY MANAGEMENT	Luzerne-Schuylkill
		Montgomery	CERTIFICATE	11.1001	CERTIFICATE IN COMPUTER NETWORKING	Montgomery
15-1150	Computer Support Specialists					
		Reading	A.A.S.	15.1202	COMPUTER TECHNOLOGY	Berks
		Harrisburg	A.A.	11.0101	COMPUTER INFORMATION SYSTEMS	South Central
		Harrisburg	A.A.	52.1299	BUSINESS MANAGEMENT-COMPUTER INFORMATION SYSTEMS	South Central
		Philadelphia	A.A.	30.1601	MANAGEMENT OF COMPUTER INFORMATION TECHNOLOGY	Philadelphia
		Beaver	A.A.S.	11.1001	NETWORKING - COMPUTER INFORMATION SYSTEMS/TELECOMMUNICATIONS	SW Corner
		Delaware	A.A.S.	15.1202	HELP DESK/TECHNICAL SUPPORT (DPM)	Delaware
		Harrisburg	A.A.S.	47.0104	COMPUTER REPAIR TECHNOLOGY	South Central
		Lehigh Carbon	A.A.S.	11.0101	COMPUTER SPECIALIST - CUSTOMIZED	Lehigh Valley

**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Lehigh Carbon	A.A.S.	11.0901	COMPUTER SPECIALIST-NETWORKING SERVER & CLIENT ADMINISTRATION	Lehigh Valley
		Luzerne	A.A.S.	15.1202	COMPUTER SYSTEMS TECHNOLOGY	Luzerne-Schuylkill
		Luzerne	A.A.S.	52.1201	COMPUTER INFORMATION SYSTEMS	Luzerne-Schuylkill
		Northampton	A.A.S.	11.0901	COMPUTER INFORMATION TECHNOLOGY - NETWORKING OPTION	Lehigh Valley
		Northampton	A.A.S.	11.1003	COMPUTER INFORMATION TECHNOLOGY - SECURITY OPTION	Lehigh Valley
		Philadelphia	A.A.S.	11.1003	COMPUTER FORENSICS	Philadelphia
		Philadelphia	A.A.S.	11.0301	COMPUTER INFORMATION SYSTEMS - NETWORK ADMINISTRATION OPTION	Philadelphia
		Philadelphia	A.A.S.	11.0101	COMPUTER INFORMATION SYSTEMS INFORMATION TECHNOLOGY OPTION	Philadelphia
		Philadelphia	A.A.S.	11.0201	COMPUTER INFORMATION SYSTEMS-COMPUTER PROGRAMMING OPTION	Philadelphia
		Westmoreland	A.A.S.	11.1003	COMPUTER INFORMATION SECURITY	West-Faye
		Westmoreland	A.A.S.	15.1203	COMPUTER TECHNICAL SUPPORT	West-Faye
		Westmoreland	A.A.S.	11.0901	COMPUTER TECHNOLOGY - NETWORKING OPTION	West-Faye
		Westmoreland	A.A.S.	11.0901	COMPUTER TECHNOLOGY - TELECOMMUNICATIONS OPTION	West-Faye
		Westmoreland	A.A.S.	11.1003	CRIMINAL JUSTICE - INFORMATION SECURITY	West-Faye
		Westmoreland	A.A.S.	11.0801	ELECTRONIC COMMERCE - TECHNICAL SUPPORT OPTION	West-Faye

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**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Allegheny	A.S.	15.1202	COMPUTER INFORMATION TECHNOLOGY - USER SUPPORT	Three Rivers
		Delaware	A.S.	11.0101	COMPUTER INFORMATION SYSTEMS (DPRS)	Delaware
		Lehigh Carbon	A.S.	11.0101	COMPUTER SCIENCE (AS) (CISS)	Lehigh Valley
		Luzerne	A.S.	11.0101	COMPUTER INFORMATION SYSTEMS	Luzerne-Schuylkill
		Allegheny	CERTIFICATE	15.1202	COMPUTER INFORMATION TECH - USER SUPPORT	Three Rivers
		Beaver	CERTIFICATE	15.1203	COMPUTER SUPPORT SPECIALIST	SW Corner
		Bucks	CERTIFICATE	15.1202	COMPUTER HARDWARE INSTALLATION AND MAINTENANCE	Bucks County
		Harrisburg	CERTIFICATE	11.0101	COMPUTER INFORMATION SYSTEMS	South Central
		Harrisburg	CERTIFICATE	47.0104	COMPUTER REPAIR TECHNOLOGY	South Central
		Harrisburg	CERTIFICATE	11.1003	COMPUTER INFORMATION SECURITY	South Central
		Harrisburg	CERTIFICATE	11.0901	COMPUTER NETWORKING TECHNOLOGY	South Central
		Montgomery	CERTIFICATE	15.1202	CLOUD COMPUTING CERTIFICATE	Montgomery
		Philadelphia	CERTIFICATE	11.0301	NETWORK AND SYSTEMS ADMINISTRATION	Philadelphia
		Philadelphia	CERTIFICATE	11.0201	COMPUTER PROGRAMMING & SOFTWARE DEVELOPMENT	Philadelphia
		Reading	CERTIFICATE	15.1202	INFORMATION TECHNOLOGY PROFICIENCY	Berks
		Westmoreland	CERTIFICATE	11.1003	COMPUTER TECHNOLOGY - INFORMATION SECURITY	West-Faye
		Westmoreland	CERTIFICATE	11.0901	COMPUTER TECHNOLOGY - NETWORKING	West-Faye
		Harrisburg	DIPLOMA	11.0101	COMPUTER TECHNOLOGY	South Central

**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Harrisburg	DIPLOMA	11.0601	CIS SOFTWARE SPECIALIST	South Central
		Northampton	DIPLOMA	11.0801	WEB SITE DESIGN	Lehigh Valley
17-2141	Mechanical Engineers					
		Delaware	A.A.	14.0101	ENGINEERING	Delaware
		Allegheny	A.S.	15.0303	ELECTRONIC ENGINEERING TECHNOLOGY	Three Rivers
		Allegheny	CERTIFICATE	47.0105	MECHANICAL ELECTRONICS TECHNOLOGY	Three Rivers
17-3011	Architectural & Civil Drafters					
		Allegheny	A.S.	15.0201	CIVIL ENGINEERING TECHNOLOGY	Three Rivers
		Allegheny	CERTIFICATE	15.1304	DRAFTING/SURVEYING	Three Rivers
17-3024	Electro-Mechanical Technicians					
		Lehigh Carbon	A.A.S.	15.0303	ELECTRICAL ENGINEERING TECHNOLOGY (EET)	Lehigh Valley
		Luzerne	A.A.S.	47.0105	ELECTRONICS ENGINEERING TECHNOLOGY	Luzerne-Schuylkill
		Montgomery	A.A.S.	15.0303	NANOFABRICATION TECHNOLOGY (A.A.S.)	Montgomery
		Montgomery	A.A.S.	15.9999	TECHNICAL STUDIES (A.A.S.)	Montgomery
		Northampton	A.A.S.	15.0403	ELECTROMECHANICAL TECH - AUTOMATED SYSTEMS CONCENTRATION	Lehigh Valley
		Harrisburg	A.S.	15.0303	ELECTRONIC ENGINEERING TECHNOLOGY	Lancaster
		Montgomery	A.S.	14.1301	ENGINEERING SCIENCE (A.S.)	Montgomery
		Harrisburg	CERTIFICATE	15.0303	ELECTRONIC TECHNOLOGY	Lancaster
		Luzerne	CERTIFICATE	47.0105	ELECTRONICS ENGINEERING TECHNOLOGY	Luzerne-Schuylkill

**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
17-3026	Industrial Engineering Technicians					
		Bucks	A.A.	15.0612	ENGINEERING	Bucks County
		Bucks	A.A.S	15	APPLIED ENGINEERING TECHNOLOGY	Bucks County
		Lehigh Carbon	A.A.S.	15	ELECTRONICS TECHNOLOGY - TELECOMMUNICATIONS	Lehigh Valley
		Lehigh Carbon	A.A.S.	15.0613	MANUFACTURING TECHNOLOGY (MFT)	Lehigh Valley
		Philadelphia	A.A.S.	15.0699	APPLIED SCIENCE AND ENGINEERING TECHNOLOGY	Philadelphia
		Allegheny	A.S.	15.0613	MANUFACTURING TECHNOLOGY	Three Rivers
		Allegheny	A.S.	15.0613	MANUFACTURING ENGINEERING	Three Rivers
		Allegheny	A.S.	15.0613	INTEGRATED SYSTEMS	Three Rivers
		Allegheny	A.S.	15.1501	MANUFACTURING TECHNOLOGY - PRECISION FABRICATION	Three Rivers
		Allegheny	A.S.	15.0405	ROBOTICS	Three Rivers
		Allegheny	A.S.	15.0613	MANUFACTURING TECHNOLOGY	Three Rivers
		Allegheny	CERTIFICATE	15.1001	NANOFABRICATION TECHNOLOGY	Three Rivers
		Allegheny	CERTIFICATE	15.0613	INTEGRATED SYSTEMS	Three Rivers
		Philadelphia	CERTIFICATE	15.0613	NANOFABRICATION MANUFACTURING	Philadelphia
19-4021	Biological Technicians					
		Bucks	A.A.	41.0101	BIOLOGY	Bucks County
		Bucks	A.A.	3.0104	ENVIRONMENTAL SCIENCE	Bucks County
		Bucks	A.A.	26.1201	NANOFABRICATION TECHNOLOGY	Bucks County
		Bucks	A.A.	41.0101	BIOTECHNOLOGY	Bucks County

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**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Bucks	A.A.	3.0104	ENVIRONMENTAL SCIENCE	Bucks County
		Lehigh Carbon	A.A.S.	26.1201	BIOTECHNOLOGY (BIT)	Lehigh Valley
		Luzerne	A.A.S.	41.0101	NANOFABRICATION MANUFACTURING TECHNOLOGY - SCIENCE TRACK	Luzerne-Schuylkill
		Montgomery	A.A.S.	26.1201	BIOTECH, BIOMANUFACTURING & MOLECULAR TECHNIQUES(A.A.S.)	Montgomery
		Montgomery	A.A.S.	26.1201	BIOTECHNOLOGY, NANOBIO TECHNOLOGY OPTION (A.A.S.)	Montgomery
		Reading	A.A.S.	41.9999	NANOSCIENCE TECHNOLOGY	Berks
		Westmoreland	A.A.S.	41.0101	BIOLOGY TECHNICIAN	West-Faye
		Westmoreland	A.A.S.	41.0399	FORENSIC TECHNICIAN	West-Faye
		Allegheny	A.S.	26.1201	BIOTECHNOLOGY	Three Rivers
		Allegheny	A.S.	41.0101	NANOTECHNOLOGY	Three Rivers
		Beaver	A.S.	30.0101	BIOLOGICAL SCIENCES	SW Corner
		Harrisburg	A.S.	3.0103	ENVIRONMENTAL SPECIALIST	South Central
		Montgomery	A.S.	41.0101	BIOLOGICAL SCIENCES - A.S.	Montgomery
		Montgomery	A.S.	26.1201	BIOTECH, BIOMANUFACTURING AND MOLECULAR TECHNIQUES (AS)	Montgomery
		Northampton	A.S.	26.0101	BIOLOGICAL SCIENCE	Lehigh Valley
		Allegheny	CERTIFICATE	26.1201	BIOTECHNOLOGY	Three Rivers
		Montgomery	CERTIFICATE	41.0101	CERTIFICATE OF COMPLETION IN BIOTECH AND BIOMANUFACTURING	Montgomery
		Philadelphia	CERTIFICATE	41.0101	BIOMEDICAL TECHNICIAN	Philadelphia

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**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Philadelphia	CERTIFICATE	26.1201	BIOTECHNOLOGY	Philadelphia
		Reading	CERTIFICATE	41.9999	NANOSCIENCE TECHNOLOGY	Berks
21-1011	Substance Abuse & Behavioral Disorder Counselors					
		Beaver	A.A.	44.0701	SOCIAL WORK	SW Corner
		Montgomery	A.A.S	51.1501	HUMAN SERVICES (A.A.S.) WITH CONCENTRATION IN ADDICTIONS	Montgomery
		Montgomery	CERTIFICATE	51.1501	ADDICTIONS CERTIFICATE	Montgomery
		Philadelphia	CERTIFICATE	44.0000	HUMAN SERVICES	Philadelphia
		Philadelphia	CERTIFICATE	51.1501	RECOVERY AND TRANSFORMATION	Philadelphia
		Allegheny	DIPLOMA	51.1501	DRUG AND ALCOHOL COUNSELING	Three Rivers
21-1014	Mental Health Counselors					
		Montgomery	A.A.S.	51.1502	HUMAN SERVICES (A.A.S.) CONCENTRATION IN GERONTOLOGY	Montgomery
		Montgomery	A.A.S.	51.1502	HUMAN SERVICES (A.A.S.) CHILD YOUTH FAMILY CONCENTRATION	Montgomery
		Montgomery	A.A.S.	51.1502	HUMAN SERVICES (A.A.S.)	Montgomery
		Allegheny	CERTIFICATE	44.0799	SOCIAL WORK SPECIALIST: FAMILY INTERVENTION	Three Rivers
		Allegheny	CERTIFICATE	51.9999	SOCIAL WORK SPECIALIST:GERIATRICS	Three Rivers
		Allegheny	CERTIFICATE	44.0799	SOCIAL WORK SPECIALIST: CASE MANAGEMENT	Three Rivers
		Montgomery	CERTIFICATE	51.1502	CHILDREN, YOUTH AND FAMILY CERTIFICATE	Montgomery
		Montgomery	CERTIFICATE	51.1502	CERTIFICATE IN GERONTOLOGY	Montgomery
		Montgomery	CERTIFICATE	51.1502	HUMAN SERVICES CERTIFICATE	Montgomery

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**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Philadelphia	CERTIFICATE	19.0702	SOCIAL GERONTOLOGY	Philadelphia
21-1021	Child, Family & School Social Workers	Harrisburg	A.A.	44.0000	HUMAN SERVICES	South Central
		Philadelphia	A.A.S.	44.0000	BEHAVIORAL HEALTH/HUMAN SERVICES	Philadelphia
		Allegheny	A.S.	19.0709	EARLY EDUCATION & CHILD DEVELOPMENT	Three Rivers
		Allegheny	A.S.	44.0701	SOCIAL WORK TECHNICIAN	Three Rivers
		Harrisburg	CERTIFICATE	44.0000	HUMAN SERVICES	South Central
		Philadelphia	CERTIFICATE	19.0707	ADDICTION STUDIES	Philadelphia
		Philadelphia	CERTIFICATE	44.0000	DISABILITY STUDIES CERTIFICATE PROGRAM	Philadelphia
		Philadelphia	CERTIFICATE	44.0000	YOUTH WORK CERTIFICATE	Philadelphia
		Allegheny	DIPLOMA	44.0701	SOCIAL WORK SPECIALIST	Three Rivers
21-1022	Healthcare Social Workers	Northampton	A.A.	44.0701	SOCIAL WORK	Lehigh Valley
21-1091	Health Educators	Northampton	A.A.S.	51.2207	PUBLIC HEALTH	Lehigh Valley
23-2011	Paralegals & Legal Assistants	Bucks	A.A.	22.9999	PARALEGAL STUDIES	Bucks County
		Harrisburg	A.A.	22.0302	PARALEGAL STUDIES	South Central
		Delaware	A.A.S.	22.0302	PARALEGAL (PLG)	Delaware
		Lehigh Carbon	A.A.S.	22.0302	PARALEGAL STUDIES (PLG)	Lehigh Valley

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**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Luzerne	A.A.S.	22.0302	LEGAL ASSISTING (PARALEGAL)	Luzerne-Schuylkill
		Northampton	A.A.S.	22.0302	PARALEGAL	Lehigh Valley
		Philadelphia	A.A.S.	22.0302	PARALEGAL STUDIES	Philadelphia
		Allegheny	A.S.	22.0302	PARALEGAL	Three Rivers
		Allegheny	CERTIFICATE	22.0302	PARALEGAL	Three Rivers
		Bucks	CERTIFICATE	22.9999	PARALEGAL	Bucks County
		Delaware	CERTIFICATE	22.0302	PARALEGAL (CPLG)	Delaware
		Harrisburg	CERTIFICATE	22.0302	PARALEGAL STUDIES	South Central
		Lehigh Carbon	CERTIFICATE	22.0302	PARALEGAL STUDIES (PLGC)	Lehigh Valley
		Philadelphia	CERTIFICATE	22.0302	PARALEGAL STUDIES	Philadelphia
25-2011	Preschool Teachers					
		Bucks	A.A.	13.121	PRE K - 4 EARLY EDUCATION	Bucks County
		Bucks	A.A.	19.0709	EDUCATION - PARAPROFESSIONAL INSTRUCTION ASSISTANT	Bucks County
		Montgomery	A.A.	19.0708	EDUCATION IN THE EARLY YEARS: BIRTH THROUGH 4TH GRADE	Montgomery
		Montgomery	A.A.	13.1202	ELEMENTARY EDUCATION (A.A.)	Montgomery
		Philadelphia	A.A.	19.0709	EDUCATION-EARLY CHILDHOOD (BIRTH TO 4TH)	Philadelphia
		Montgomery	A.A.S.	19.0708	EARLY CHILDHOOD EDUCATION (A.A.S.)	Montgomery
		Montgomery	A.A.S.	13.1501	PARAPROFESSIONAL IN EDUCATION (A.A.S.)	Montgomery
		Philadelphia	A.A.S.	19.0709	EARLY CHILDHOOD EDUCATION	Philadelphia
		Montgomery	CERTIFICATE	19.0709	CERTIFICATE IN CHILD CARE	Montgomery

**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
25-2054	Special Education Teachers, Secondary School	Allegheny	DIPLOMA	19.0709	CHILDREN WITH SPECIAL NEEDS	Three Rivers
27-1024	Graphic Designers	Bucks	A.A.	11.0801	MULTIMEDIA	Bucks County
		Delaware	A.A.S.	50.0402	GRAPHIC DESIGN (GRA)	Chester
		Delaware	A.A.S.	11.0801	INTERACTIVE MULTIMEDIA (IMM)	Chester
		Delaware	A.A.S.	15.1302	COMPUTER AIDED DRAFTING (DDT)	Chester
27-2022	Coaches & Scouts	Northampton	A.A.	31.0504	SPORT MANAGEMENT	Lehigh Valley
29-2012	Medical & Clinical Laboratory Technicians	Penn Highlands	A.A.S.	51.1008	HEALTH PROFESSIONS: HISTOTECHNOLOGY	S. Alleghenies
		Westmoreland	A.A.S.	51.0802	MEDICAL TECHNICIAN	West-Faye
		Allegheny	CERTIFICATE	51.1004	MEDICAL LABORATORY ASSISTANT	Three Rivers
		Harrisburg	CERTIFICATE	51.1004	MEDICAL LABORATORY TECHNICIAN	South Central
29-2021	Dental Hygienists	Westmoreland	A.A.S.	51.0602	DENTAL HYGIENE	West-Faye
29-2037	Radiologic Technologists & Technicians	Northampton	A.A.S.	51.0911	RADIOGRAPHY FOR REGISTERED TECHNOLOGISTS	Lehigh Valley
29-2041	Emergency Medical Technicians & Paramedics	Delaware	A.A.S.	51.0904	EMERGENCY MANAGEMENT AND PLANNING (EMER)	Delaware

**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Penn Highlands	A.A.S.	51.0904	HEALTH PROFESSIONS: PARAMEDIC	S. Alleghenies
		Luzerne	CERTIFICATE	51.0904	ADVANCED LIFE SUPPORT	Luzerne-Schuylkill
29-2052	Pharmacy Technicians					
		Allegheny	A.S.	51.0805	PHARMACY TECHNICIAN	Three Rivers
		Allegheny	CERTIFICATE	51.0805	PHARMACY TECHNICIAN	Three Rivers
29-2071	Medical Records & Health Information Technicians					
		Bucks	A.A.	51.0713	HEALTH INFORMATION TECHNOLOGY	Bucks County
		Reading	A.A.S.	51.0707	ELECTRONIC HEALTH RECORDS AND HEALTH INFORMATION TECHNOLOGY	Berks
		Lehigh Carbon	A.A.S.	51.0707	HEALTH INFORMATION TECHNOLOGY (HIT)	Lehigh Valley
		Luzerne	A.A.S.	51.0714	MEDICAL REIMBURSEMENT & CODING SPECIALIST	Luzerne-Schuylkill
		Luzerne	A.A.S.	51.0714	MEDICAL OFFICE SPECIALIST	Luzerne-Schuylkill
		Penn Highlands	A.A.S.	51.0707	HEALTHCARE TECHNOLOGY SPECIALIST	S. Alleghenies
		Philadelphia	A.A.S.	51.0707	HEALTH INFORMATION TECHNOLOGY	Philadelphia
		Philadelphia	A.A.S.	51.0707	PATIENT SERVICE REPRESENTATIVE	Philadelphia
		Westmoreland	A.A.S.	51.0799	MEDICAL ADMINISTRATION	West-Faye
		Westmoreland	A.A.S.	51.0707	HEALTH INFORMATION	West-Faye
		Allegheny	CERTIFICATE	51.0703	HEALTH UNIT COORDINATOR	Three Rivers
		Allegheny	CERTIFICATE	51.0713	MEDICAL INSURANCE SPECIALIST	Three Rivers
		Butler	CERTIFICATE	51.0713	MEDICAL CODING SPECIALIST	Tri-County

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**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Delaware	CERTIFICATE	51.0713	MEDICAL CODING AND BILLING (MC)	Delaware
		Delaware	CERTIFICATE	51.0713	MEDICAL CODING FOR THE HEALTH CARE PROFESSIONAL(MCH)	Delaware
		Luzerne	CERTIFICATE	51.0714	MEDICAL OFFICE SPECIALIST	Luzerne-Schuylkill
		Luzerne	CERTIFICATE	51.0714	MEDICAL REIMBURSEMENT & CODING SPECIALIST	Luzerne-Schuylkill
		Philadelphia	CERTIFICATE	51.0799	PATIENT SERVICE REPRESENTATIVE	Philadelphia
		Philadelphia	CERTIFICATE	51.0799	BILLING/FINANCIAL SERVICE REPRESENTATIVE	Philadelphia
		Reading	CERTIFICATE	51.0707	ELECTRONIC HEALTH RECORDS	Berks
		Westmoreland	CERTIFICATE	51.071	MEDICAL ADMINISTRATION	West-Faye
		Westmoreland	CERTIFICATE	51.0713	MEDICAL INSURANCE CODING CLERK	West-Faye
		Lehigh Carbon	DIPLOMA	51.0713	HEALTH CARE CODING - SPECIALIZED CREDIT (HCCD)	Lehigh Valley
		Westmoreland	DIPLOMA	51.0708	OFFICE TECHNOLOGY - MEDICAL TRANSCRIPTION OPTION	West-Faye
31-1012	Nursing Aides, Orderlies & Attendants					
		Delaware	A.A.	51.0000	SCIENCE FOR HEALTH PROFESSIONS (HSCI)	Delaware
		Beaver	CERTIFICATE	51.2699	MULTISKILLED HEALTH TECHNICIAN	SW Corner
31-2011	Occupational Therapy Assistants					
		Lehigh Carbon	A.A.S.	51.0803	OCCUPATIONAL THERAPY ASSISTANT (OTA)	Lehigh Valley
31-2021	Physical Therapist Assistants					
		Lehigh Carbon	A.A.S.	51.0806	PHYSICAL THERAPIST ASSISTANT (PTA)	Lehigh Valley

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**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
31-9091	Dental Assistants	Luzerne	DIPLOMA	51.0601	EXPANDED FUNCTIONS DENTAL ASSISTING	Luzerne-Schuylkill
		Westmoreland	DIPLOMA	51.0601	DENTAL ASSISTING	West-Faye
31-9092	Medical Assistants	Delaware	A.A.S.	51.0000	HEALTH STUDIES PRE-NURSING (HSTN)	Chester
		Delaware	A.A.S.	51.0000	HEALTH STUDIES (HSTU)	Chester
		Delaware	A.A.S.	51.0801	MEDICAL ASSISTANT (MED)	Chester
		Lehigh Carbon	A.A.S.	51.0801	MEDICAL ASSISTANT (MED)	Lehigh Valley
		Northampton	A.A.S.	51.0716	MEDICAL ADMINISTRATIVE ASSISTANT	Lehigh Valley
		Butler	CERTIFICATE	51.071	MEDICAL ASSISTANT	Tri-County
		Delaware	CERTIFICATE	51.0801	MEDICAL ASSISTANT (CMED)	Chester
		Lehigh Carbon	DIPLOMA	51.0714	MEDICAL BILLING SPECIALIST (MBSD)	Lehigh Valley
		Northampton	DIPLOMA	51.0716	MEDICAL OFFICE SPECIALIST	Lehigh Valley
		Westmoreland	DIPLOMA	51.0801	MEDICAL ASSISTING	West-Faye
33-1099	Supervisors--Protective Services Workers, All Other	Montgomery	A.A.S.	43.0112	EMERGENCY MANAGEMENT & PLANNING (A.A.S.)	REGIONAL
33-3012	Correctional Officers & Jailers	Luzerne	A.A.S.	43.0199	CRIMINAL JUSTICE	Luzerne-Schuylkill
		Montgomery	A.A.S.	43.0107	CRIMINAL JUSTICE (A.A.S.)	REGIONAL

**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Penn Highlands	A.A.S.	43.0102	CRIMINAL JUSTICE	S. Alleghenies
		Westmoreland	CERTIFICATE	43.0102	CRIMINAL JUSTICE - CORRECTIONS OFFICER	West-Faye
33-3051	Police & Sheriff's Patrol Officers					
		Philadelphia	A.A.S.	43.0199	JUSTICE	Philadelphia
		Philadelphia	CERTIFICATE	43.0199	JUSTICE	Philadelphia
35-1012	Supervisors - Food Preparation & Serving Workers					
		Bucks	A.A.	19.0505	HOSPITALITY & TOURISM MANAGEMENT	Bucks County
		Allegheny	A.A.S.	12.0503	CULINARY ARTS	Three Rivers
		Beaver	A.A.S.	12.0504	CULINARY ARTS MANAGEMENT	SW Corner
		Luzerne	A.A.S.	19.0505	CULINARY ARTS	Luzerne-Schuylkill
		Northampton	A.A.S.	52.0905	HOSPITALITY MANAGEMENT: RESTAURANT OPTION	Lehigh Valley
		Northampton	A.A.S.	52.0904	HOSPITALITY MANAGEMENT: HOTEL OPTION	Lehigh Valley
		Northampton	A.A.S.	52.0907	HOSPITALITY MANAGEMENT: MEETING AND EVENT PLANNING	Lehigh Valley
		Philadelphia	A.A.S.	12.0504	HOSPITALITY TECHNOLOGIES-RESTAURANT MANAGEMENT OPTION	Philadelphia
		Philadelphia	A.A.S.	12.0504	HOSPITALITY MANAGEMENT	Philadelphia
		Butler	CERTIFICATE	12.0500	HOSPITALITY MANAGEMENT	Tri-County
		Harrisburg	CERTIFICATE	19.0505	RESTAURANT/FOOD SERVICE MANAGEMENT	South Central
		Westmoreland	CERTIFICATE	12.0507	DINING ROOM MANAGEMENT	West-Faye

**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Northampton	DIPLOMA	12.0507	HOSPITALITY MANAGEMENT: DINING ROOM OPERATIONS	Lehigh Valley
		Northampton	DIPLOMA	52.0906	HOSPITALITY MANAGEMENT: RESORT MANAGEMENT	Lehigh Valley
		Westmoreland	DIPLOMA	12.0503	CULINARY ARTS	West-Faye
35-2014	Cooks, Restaurant					
		Delaware	A.A.S.	12.0508	CULINARY ARTS (CUL)	Delaware
		Philadelphia	A.A.S.	12.0503	CULINARY ARTS	Philadelphia
		Delaware	CERTIFICATE	12.0508	CULINARY ARTS (CULC)	Delaware
		Philadelphia	CERTIFICATE	12.0500	PROFESSIONAL COOKING	Philadelphia
39-3011	Gaming Dealers					
		Beaver	A.A.S.	52.0101	CASINO MANAGEMENT	SW Corner
39-9031	Fitness Trainers & Aerobics Instructors					
		Luzerne	A.S.	31.0501	HEALTH, PHYSICAL EDUCATION AND EXERCISE SCIENCE	Luzerne-Schuylkill
41-1011	Supervisors - Retail Sales Workers					
		Bucks	A.A.	52.1803	RETAIL MANAGEMENT	Bucks County
41-4012	Sales Representatives					
		Harrisburg	A.A.	52.1801	MARKETING	South Central
		Harrisburg	A.A.	50.1003	MUSIC MERCHANDISING	South Central
		Harrisburg	A.A.	50.1003	MUSIC INDUSTRY	South Central
		Harrisburg	A.A.	1.0102	AGRIBUSINESS AND MANAGEMENT OF FOOD SYSTEMS	South Central
		Delaware	A.A.S.	52.0208	ELECTRONIC COMMERCE (ECM)	Delaware

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**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Montgomery	A.A.S.	52.1801	MARKETING (A.A.S.)	Montgomery
		Northampton	A.A.S.	52.1401	MARKETING	Lehigh Valley
		Philadelphia	A.A.S.	52.1801	MANAGEMENT ENTREPRENEURSHIP OPTION	Philadelphia
		Philadelphia	A.A.S.	52.1801	MANAGEMENT HUMAN RESOURCES OPTION	Philadelphia
		Westmoreland	A.A.S.	52.1801	BUSINESS, MARKETING MANAGEMENT OPTION	West-Faye
		Butler	CERTIFICATE	52.1804	MARKETING MANAGEMENT	Tri-County
		Delaware	CERTIFICATE	52.0208	ELECTRONIC COMMERCE (ECMC)	Delaware
		Harrisburg	CERTIFICATE	1.0102	AGRIBUSINESS AND MANAGEMENT OF FOOD SYSTEMS	South Central
		Lehigh Carbon	CERTIFICATE	52.1909	ENTREPRENEURSHIP AND SMALL BUSINESS CERTIFICATE (ENBC)	Lehigh Valley
		Montgomery	CERTIFICATE	52.1801	SPECIALTY CERTIFICATE IN MARKETING/MANAGEMENT	Montgomery
		Harrisburg	DIPLOMA	52.1801	MUSIC PRODUCT SALES MUSIC AND MARKETING	South Central
41-9022	Real Estate Sales Agents					
		Harrisburg	A.A.	52.1501	REAL ESTATE MARKETING	South Central
		Philadelphia	A.A.S.	52.1501	MANAGEMENT REAL ESTATE OPTION	Philadelphia
		Philadelphia	A.A.S.	52.1501	REAL ESTATE MANAGEMENT	Philadelphia
		Westmoreland	A.A.S.	52.1501	BUSINESS, REAL ESTATE MANAGEMENT	West-Faye
		Westmoreland	CERTIFICATE	52.1501	BUSINESS, REAL ESTATE MANAGEMENT	West-Faye
		Westmoreland	CERTIFICATE	52.1501	BUSINESS - REAL ESTATE MANAGEMENT	West-Faye

**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Harrisburg	DIPLOMA	52.1501	REAL ESTATE	South Central
		Northampton	DIPLOMA	52.1501	REAL ESTATE	Lehigh Valley
43-1011	Supervisors - Office & Administrative Support Workers					
		Harrisburg	A.A.	51.0701	HEALTH CARE MANAGEMENT	South Central
		Harrisburg	A.A.	52.0201	BUSINESS MANAGEMENT	South Central
		Harrisburg	A.A.	52.0101	BUSINESS STUDIES	South Central
		Northampton	A.A.	52.0101	BUSINESS ADMINISTRATION	Lehigh Valley
		Butler	A.A.S.	52.0201	BUSINESS MANAGEMENT	Tri-County
		Luzerne	A.A.S.	52.0101	HOSPITALITY BUSINESS MANAGEMENT	Luzerne-Schuylkill
		Luzerne	A.A.S.	52.0101	BUSINESS MANAGEMENT TECHNOLOGY	Luzerne-Schuylkill
		Northampton	A.A.S.	52.0201	BUSINESS MANAGEMENT	Lehigh Valley
		Allegheny	A.S.	52.0201	BUSINESS MANAGEMENT	Three Rivers
		Allegheny	CERTIFICATE	52.0201	BUSINESS MANAGEMENT	Three Rivers
		Luzerne	CERTIFICATE	52.0101	SMALL BUSINESS SKILLS	Luzerne-Schuylkill
		Luzerne	CERTIFICATE	52.0101	HOSPITALITY BUSINESS MANAGEMENT	Luzerne-Schuylkill
		Luzerne	CERTIFICATE	52.0101	BUSINESS MANAGEMENT	Luzerne-Schuylkill
		Luzerne	DIPLOMA	52.0101	SMALL BUSINESS SKILLS	Luzerne-Schuylkill

**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
43-3011	Bill & Account Collectors	Philadelphia	CERTIFICATE	52.0302	ACCOUNTING PARAPROFESSIONAL PROFICIENCY CERTIFICATE	Philadelphia
43-3021	Billing & Posting Clerks	Penn Highlands	A.S.	52.0101	BUSINESS ADMINISTRATION	S. Alleghenies
43-3031	Bookkeeping, Accounting & Auditing Clerks	Bucks	A.A.	52.0302	ACCOUNTING	Bucks County
		Harrisburg	A.A.	52.0302	ACCOUNTING	South Central
		Harrisburg	A.A.	52.0305	BUSINESS MANAGEMENT - ACCOUNTING	South Central
		Reading	A.A.	52.0301	ACCOUNTING - TRANSFER PROGRAM	Berks
		Beaver	A.A.S.	52.0301	ACCOUNTING	SW Corner
		Butler	A.A.S.	52.0302	ACCOUNTING	Tri-County
		Lehigh Carbon	A.A.S.	52.0302	ACCOUNTING (ACC)	Lehigh Valley
		Lehigh Carbon	A.A.S.	52.0101	BUSINESS MANAGEMENT (BMG)	Lehigh Valley
		Luzerne	A.A.S.	52.0302	ACCOUNTING TECHNOLOGY	Luzerne-Schuylkill
		Montgomery	A.A.S.	52.0302	ACCOUNTING (A.A.S.)	Montgomery
		Northampton	A.A.S.	52.0302	ACCOUNTING	Lehigh Valley
		Philadelphia	A.A.S.	52.0302	ACCOUNTING	Philadelphia
		Reading	A.A.S.	52.0305	ACCOUNTING	Berks
		Westmoreland	A.A.S.	52.0302	ACCOUNTING	West-Faye
		Allegheny	A.S.	52.0302	ACCOUNTING	Three Rivers
		Allegheny	A.S.	52.0302	ACCOUNTING SPECIALIST	Three Rivers

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**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Delaware	A.S.	52.0201	BUSINESS ADMINISTRATION ACCOUNTING OPTION (BUAC)	Delaware
		Luzerne	A.S.	52.0302	ACCOUNTING	Luzerne- Schuylkill
		Montgomery	A.S.	52.0302	ACCOUNTING (A.S.)	Montgomery
		Allegheny	CERTIFICATE	52.0302	ACCOUNTING	Three Rivers
		Beaver	CERTIFICATE	52.0302	ACCOUNTING SPECIALIST	SW Corner
		Bucks	CERTIFICATE	52.0302	ACCOUNTING AND TAXATION	Bucks County
		Bucks	CERTIFICATE	52.0302	BOOKKEEPING	Bucks County
		Butler	CERTIFICATE	52.0302	ACCOUNTING SKILLS	Tri-County
		Harrisburg	CERTIFICATE	52.0302	ACCOUNTING	South Central
		Lehigh Carbon	CERTIFICATE	52.0302	ACCOUNTING (ACCC)	Lehigh Valley
		Luzerne	CERTIFICATE	52.0302	ACCOUNTING	Luzerne- Schuylkill
		Montgomery	CERTIFICATE	52.0302	ACCOUNTING CERTIFICATE	Montgomery
		Montgomery	CERTIFICATE	52.0302	SPECIALTY CERTIFICATE IN ACCOUNTING	Montgomery
		Reading	CERTIFICATE	52.0302	ACCOUNTING	Berks
		Reading	CERTIFICATE	52.0302	BOOKKEEPING/ACCOUNTING	Berks
		Westmoreland	CERTIFICATE	52.0302	COMPUTER ACCOUNTING AND TAX SPECIALIST	West-Faye
		Harrisburg	DIPLOMA	52.0302	PROFESSIONAL BOOKKEEPING	South Central
		Northampton	DIPLOMA	52.0302	ACCOUNTING ASSISTANT	Lehigh Valley
		Northampton	DIPLOMA	52.0302	ACCOUNTING	Lehigh Valley

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**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
43-4051	Customer Service Representatives					
		Philadelphia	A.A.	52.0101	BUSINESS	Philadelphia
		Delaware	A.A.S.	52.0101	SMALL BUSINESS MANAGEMENT (BUSC)	Delaware
		Delaware	A.A.S.	52.0101	GENERAL BUSINESS (BGEN)	Delaware
		Lehigh Carbon	A.A.S.	52.0101	BUSINESS ADMINISTRATION AND MANAGEMENT	Lehigh Valley
		Philadelphia	A.A.S.	52.0101	AUTOMOTIVE TECHNOLOGY-AUTOMOTIVE MANAGEMENT AND MARKETING OPTION	Philadelphia
		Delaware	A.S.	52.0101	BUSINESS ADMINISTRATION (BUAD)	Delaware
		Lehigh Carbon	CERTIFICATE	52.0101	BUSINESS MANAGEMENT SPECIALIZED CREDIT DIPLOMA	Lehigh Valley
		Westmoreland	CERTIFICATE	52.0901	CASINO/GAMING	West-Faye
43-5061	Production, Planning & Expediting Clerks					
		Butler	CERTIFICATE	52.0408	MANAGEMENT OF APPLIED TECHNOLOGY	Tri-County
43-6014	Secretaries					
		Bucks	A.A.	52.0101	OFFICE ADMINISTRATION AND SYSTEMS TECHNOLOGY	Bucks County
		Harrisburg	A.A.	52.0401	ADMINISTRATIVE OFFICE MANAGEMENT	South Central
		Lehigh Carbon	A.A.	52.0101	BUSINESS ADMINISTRATION	Lehigh Valley
		Allegheny	A.A.S.	52.0401	ADMINISTRATIVE ASSISTANT	Three Rivers
		Beaver	A.A.S.	52.0401	OFFICE TECHNOLOGY-ADMINISTRATIVE ASSISTANT	SW Corner
		Beaver	A.A.S.	51.0799	OFFICE TECHNOLOGY-MEDICAL ADMIMISTRATIVE ASSISTANT	SW Corner

**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Lehigh Carbon	A.A.S.	52.0101	ADMINISTRATIVE OFFICE TECHNOLOGY - ADMINISTRATIVE ASSISTANT	Lehigh Valley
		Luzerne	A.A.S.	52.0401	OFFICE INFORMATION TECHNOLOGY	Luzerne-Schuylkill
		Montgomery	A.A.S.	52.0401	OFFICE ADMINISTRATION (A.A.S.)	Montgomery
		Northampton	A.A.S.	52.0401	OFFICE ADMINISTRATIVE ASSISTANT	Lehigh Valley
		Philadelphia	A.A.S.	52.0401	OFFICE TECHNOLOGY	Philadelphia
		Reading	A.A.S.	52.0401	ADMINISTRATIVE ASSISTANT	Berks
		Reading	A.A.S.	52.0402	EXECUTIVE SECRETARY	Berks
		Reading	A.A.S.	52.0401	ADMINISTRATIVE OFFICE SPECIALIST	Berks
		Westmoreland	A.A.S.	52.0401	OFFICE TECHNOLOGY, OFFICE ADMINISTRATION	West-Faye
		Allegheny	CERTIFICATE	52.0401	ADMINISTRATIVE COMPUTER SPECIALIST	Three Rivers
		Beaver	CERTIFICATE	52.0401	OFFICE TECHNOLOGY - ADMINISTRATIVE ASSISTANT	SW Corner
		Beaver	CERTIFICATE	51.0799	OFFICE TECHNOLOGY - MEDICAL ADMINISTRATIVE ASSISTANT	SW Corner
		Harrisburg	CERTIFICATE	52.0401	ADMINISTRATIVE OFFICE MANAGEMENT	South Central
		Lehigh Carbon	CERTIFICATE	52.0401	ADMINISTRATIVE OFFICE TECHNOLOGY CERTIFICATE (AOTC)	Lehigh Valley
		Montgomery	CERTIFICATE	52.0401	OFFICE ADMINISTRATION	Montgomery
		Montgomery	CERTIFICATE	52.0401	SPECIALTY CERTIFICATE IN OFFICE ADMINISTRATION	Montgomery
		Reading	CERTIFICATE	52.0408	BASIC SECRETARIAL SKILLS	Berks

**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Westmoreland	CERTIFICATE	52.0401	OFFICE TECHNOLOGY - OFFICE ADMINISTRATION OPTION	West-Faye
		Penn Highlands	DIPLOMA	52.0408	OFFICE ASSISTANT	S. Alleghenies
		Westmoreland	DIPLOMA	52.0401	OFFICE TECHNOLOGY - OFFICE ADMINISTRATION OPTION	West-Faye
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse					
		Harrisburg	A.A.S.	01.0309	VITICULTURE	Lancaster
		Harrisburg	A.A.S.	01.0309	ENOLOGY TECHNOLOGY	Lancaster
		Harrisburg	A.S.	01.0309	ENOLOGY & VITICULTURE TECHNOLOGY	Lancaster
		Harrisburg	CERTIFICATE	01.0309	VITICULTURE	Lancaster
		Harrisburg	CERTIFICATE	01.0309	ENOLOGY & VITICULTURE TECHNOLOGY	Lancaster
47-1011	Supervisors - Construction Trades & Extraction Workers					
		Harrisburg	A.A.S	15.1001	BUILDING CONSTRUCTION TECHNOLOGY	South Central
		Lehigh Carbon	A.A.S.	46.0000	CONSTRUCTION TECHNOLOGY (COT)	Lehigh Valley
		Northampton	A.A.S.	52.2001	CONSTRUCTION MANAGEMENT	Lehigh Valley
		Philadelphia	A.A.S.	46.0412	CONSTRUCTION MANAGEMENT	Philadelphia
		Philadelphia	A.A.S.	46.0412	FACILITY MANAGEMENT-CONSTRUCTION OPTION	Philadelphia
		Allegheny	A.S.	46.9999	BUILDING CONSTRUCTION SUPERVISOR	Three Rivers
		Allegheny	A.S.	46.9999	BUILDING CONSTRUCTION TECHNOLOGY	Three Rivers
		Allegheny	CERTIFICATE	15.1001	FOREMAN/SUPERINTENDENT TRAINING	Three Rivers
		Allegheny	CERTIFICATE	46.9999	CONSTRUCTION BUILDER/SUPERVISOR	Three Rivers
		Harrisburg	CERTIFICATE	15.0101	ARCHITECTURAL TECHNOLOGY	South Central

**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Lehigh Carbon	CERTIFICATE	46.0000	CONSTRUCTION TECHNOLOGY CERTIFICATE (CONC)	Lehigh Valley
		Harrisburg	DIPLOMA	46.0412	CONSTRUCTION FIELD SUPERVISION	South Central
47-2031	Carpenters					
		Harrisburg	A.A.S.	46.0000	HOME AND BUILDING REMODELING	South Central
		Harrisburg	A.A.S.	48.0703	WOODWORKING: CABINETMAKING AND ARCHITECTURAL MILLWORK TECHNOLOGY	South Central
		Allegheny	CERTIFICATE	46.0201	CARPENTRY	Three Rivers
		Harrisburg	CERTIFICATE	46.0000	HOME AND BUILDING REMODELING	South Central
		Harrisburg	CERTIFICATE	46.0000	KINSLEY CARPENTRY APPRENTICESHIP TRAINING	South Central
		Harrisburg	CERTIFICATE	46.0201	UNITED BROTHERHOOD OF CARPENTERS APPRENTICESHIP PROGRAM	South Central
		Harrisburg	CERTIFICATE	46.0201	ABC CARPENTRY APPRENTICESHIP	South Central
		Harrisburg	DIPLOMA	48.0703	WOODWORKING: CABINETMAKING AND ARCHITECTURAL MILLWORK TECHNOLOGY	South Central
		Harrisburg	DIPLOMA	46.0201	CARPENTRY TECHNOLOGY	South Central
47-2073	Operating Engineers & Other Construction Equipment Operators					
		Allegheny	A.S.	46.0401	STATIONARY OPERATING ENGINEER	Three Rivers
		Allegheny	CERTIFICATE	49.0202	HEAVY EQUIPMENT OPERATING ENGINEERS	Three Rivers
		Allegheny	CERTIFICATE	46.0401	STATIONARY OPERATING ENGINEER	Three Rivers
47-2111	Electricians					
		Beaver	A.A.S	48.0501	BUILDING TRADES TECHNOLOGY	SW Corner
		Harrisburg	A.A.S.	46.0302	ELECTRICAL TECHNOLOGY	South Central

**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Lehigh Carbon	A.A.S.	46.0302	ELECTRICAL TECHNOLOGY (ELT)	Lehigh Valley
		Luzerne	A.A.S.	46.0302	ELECTRICAL CONSTRUCTION TECHNOLOGY	Luzerne-Schuylkill
		Northampton	A.A.S.	46.0302	ELECTRICAL CONSTRUCTION TECHNOLOGY	Lehigh Valley
		Allegheny	A.S.	46.0302	ELECTRICAL CONSTRUCTION APPRENTICE	Three Rivers
		Harrisburg	CERTIFICATE	46.0302	ABC ELECTRICAL APPRENTICESHIP	South Central
		Lehigh Carbon	CERTIFICATE	46.0302	ELECTRONICS TECHNOLOGY (ELE)	Lehigh Valley
		Luzerne	CERTIFICATE	46.0302	ELECTRICAL CONSTRUCTION	Luzerne-Schuylkill
		Luzerne	DIPLOMA	46.0302	ELECTRICAL CONSTRUCTION	Luzerne-Schuylkill
47-2141	Painters, Construction & Maintenance					
		Allegheny	A.S.	46.0408	PAINTERS AND ALLIED TRADES	Three Rivers
47-2152	Plumbers, Pipefitters & Steamfitters					
		Allegheny	CERTIFICATE	46.0503	PLUMBING	Three Rivers
		Allegheny	CERTIFICATE	46.0503	PLUMBING	Three Rivers
		Delaware	CERTIFICATE	5.0125	PLUMBING (PLB)	Delaware
		Harrisburg	CERTIFICATE	46.0503	ABC PLUMBING APPRENTICESHIP	South Central
		Luzerne	CERTIFICATE	46.0503	PLUMBING AND HEATING TECHNOLOGY	Luzerne-Schuylkill
47-4011	Construction & Building Inspectors					
		Philadelphia	A.A.S.	46.0403	BUILDING SCIENCE	Philadelphia
		Harrisburg	A.A.S.	46.0403	CONSTRUCTION CODES & SAFETY SCIENCE	South Central
		Harrisburg	CERTIFICATE	46.0403	CONSTRUCTION CODES & SAFETY SCIENCE	South Central
		Harrisburg	DIPLOMA	46.0403	CONSTRUCTION CODES & SAFETY SCIENCE	South Central

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**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
49-2022	Telecommunications Equipment Installers & Repairers	Westmoreland	A.A.S.	47.0103	COMPUTER TECHNOLOGY - ELECTRO-OPTICS	West-Faye
		Allegheny	CERTIFICATE	47.0103	NETWORK CABLE TECHNOLOGY	Three Rivers
		Westmoreland	CERTIFICATE	47.0103	COMPUTER REPAIR/A+CERTIFICATION	West-Faye
		Westmoreland	CERTIFICATE	47.0103	FIBER OPTIC TECHNOLOGIES	West-Faye
49-3023	Automotive Service Technicians & Mechanics	Luzerne	A.A.S.	47.0604	AUTOMOTIVE TECHNOLOGY	Luzerne-Schuylkill
		Luzerne	DIPLOMA	47.0605	DIESEL TRUCK TECHNOLOGY	Luzerne-Schuylkill
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	Butler	A.A.S.	47.0201	TECH TRADES-HVAC OPTION	Tri-County
		Luzerne	A.A.S.	47.0201	PLUMBING, HEATING & AIR CONDITIONING TECHNOLOGY	Luzerne-Schuylkill
		Northampton	A.A.S.	47.0201	ELECTROMECHANICAL TECH-INDOOR ENVIRONMENTAL CONTROL CONCENTRATION	Lehigh Valley
		Harrisburg	CERTIFICATE	47.0201	ABC HVAC APPRENTICESHIP	South Central
		Northampton	CERTIFICATE	47.0201	HEATING, VENTILATION, AIR CONDITIONING (HVAC/R) & REFRIGERATION TECHNOLOGY	Lehigh Valley
49-9041	Industrial Machinery Mechanics	Reading	A.A.S.	47.0303	MECHATRONICS ENGINEERING TECHNOLOGY	Berks
		Allegheny	A.S.	47.0303	MECHANICAL MAINTENANCE TECHNOLOGY	Three Rivers
		Allegheny	A.S.	47.0303	MOTOR WINDING TECHNOLOGY	Three Rivers
		Allegheny	CERTIFICATE	47.0303	MECHANICAL MAINTENANCE TECHNOLOGY	Three Rivers

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**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

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		Allegheny	CERTIFICATE	47.0303	MOTOR WINDING TECHNOLOGY	Three Rivers
		Harrisburg	CERTIFICATE	47.0303	INDUSTRIAL MAINTENANCE TECHNOLOGY	South Central
		Reading	CERTIFICATE	47.0303	MECHATRONICS ENGINEERING TECHNOLOGY	Berks
49-9043	Maintenance Workers, Machinery					
		Luzerne	CERTIFICATE	47.0303	INDUSTRIAL MAINTENANCE	Luzerne-Schuylkill
		Luzerne	DIPLOMA	47.0303	INDUSTRIAL MAINTENANCE	Luzerne-Schuylkill
49-9051	Electrical Power-Line Installers & Repairers					
		Reading	A.A.S.	46.0301	ELECTRIC UTILITY TECHNOLOGY	Berks
		Allegheny	A.S.	46.0301	ELECTRICAL DISTRIBUTION TECHNOLOGY	Three Rivers
		Allegheny	CERTIFICATE	46.0301	ELECTRICAL DISTRIBUTION TECHNOLOGY	Three Rivers
49-9071	Maintenance & Repair Workers, General					
		Luzerne	A.A.S.	46.0401	BUILDING MAINTENANCE TECHNOLOGY	Luzerne-Schuylkill
		Allegheny	A.S.	46.0401	BUILDING MAINTENANCE TECHNOLOGY	Three Rivers
		Allegheny	CERTIFICATE	46.0401	BUILDING MAINTENANCE TECHNOLOGY	Three Rivers
		Luzerne	CERTIFICATE	46.0401	BUILDING MAINTENANCE	Luzerne-Schuylkill
51-1011	Supervisors - Production & Operating Workers					
		Bucks	A.A.	48.0000	MANAGEMENT/MARKETING: GENERAL EMPHASIS	Bucks County
		Lehigh Carbon	A.A.S.	48.0000	INDUSTRIAL MANAGEMENT-BUSINESS (IMB)	Lehigh Valley
		Lehigh Carbon	A.A.S.	48.0000	INDUSTRIAL MANAGEMENT-TECHNICAL	Lehigh Valley

**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	Butler	CERTIFICATE	48.0503	CNC TECHNOLOGY	Tri-County
		Luzerne	CERTIFICATE	48.0501	COMPUTERIZED NUMERICAL CONTROL TECHNOLOGY	Luzerne-Schuylkill
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal & Plastic	Luzerne	A.A.S.	48.0501	AUTOMATED MANUFACTURING SYSTEMS	Luzerne-Schuylkill
		Westmoreland	A.A.S.	48.0501	COMPUTER NUMERICAL CONTROL	West-Faye
		Westmoreland	CERTIFICATE	48.0501	COMPUTER NUMERICAL CONTROL	West-Faye
51-4041	Machinists	Reading	A.A.S.	48.0501	MACHINE TOOL TECHNOLOGY	Berks
		Westmoreland	A.A.S.	48.0501	MACHINE TECHNOLOGY	West-Faye
		Allegheny	CERTIFICATE	48.0503	BASIC MACHINE TECHNOLOGY	Three Rivers
		Butler	CERTIFICATE	48.0501	MACHINE TOOL TECHNOLOGY	Tri-County
		Delaware	CERTIFICATE	48.0501	MANUFACTURING OPERATIONS (MAN)	Delaware
		Westmoreland	CERTIFICATE	48.0501	MACHINE TECHNOLOGY	West-Faye
51-4121	Welders, Cutters, Solderers & Brazers	Allegheny	A.S.	48.0508	WELDING TECHNOLOGY	Three Rivers
		Allegheny	CERTIFICATE	48.0508	WELDING TECHNOLOGY	Three Rivers
		Allegheny	CERTIFICATE	48.0508	WELDING, OIL & GAS	Three Rivers
		Delaware	CERTIFICATE	9.0900	WELDING (WLD)	Delaware
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	Allegheny	A.S.	47.0303	MECHATRONICS TECHNOLOGY	Three Rivers

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**High Priority Occupation Programs Approved
for 2014-2015 Fiscal Year**

Appendix B

SOC Code	Occupation	College	Award	CIP Code	Program Title	WIA Region
		Allegheny	CERTIFICATE	47.0303	MECHATRONICS TECHNOLOGY	Three Rivers
53-1031	Supervisors - Transportation & Vehicle Operators					
		Philadelphia	A.A.S.	52.0203	MANAGEMENT	Philadelphia
		Philadelphia	CERTIFICATE	52.0203	MANAGEMENT CERTIFICATE	Philadelphia

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
13-1051	Cost Estimators	Bucks	WTMCO 0337	Energy Auditor	Bucks County
		Philadelphia	ARCN B8008	BPI Building Analysis Training	Philadelphia
		Philadelphia	CNSV B7000	Bldg Analyst BPI Certification	Philadelphia
		Philadelphia	CNSV B7001	Multi-Fam Analyst BPI Certification	Philadelphia
		Philadelphia	CNSV B7002	Bldg Operator BPI Certification	Philadelphia
13-1151	Training & Development Specialists	Allegheny	XGM-925	Supported Employment 1	Three Rivers
		Allegheny	XGM-926	Supported Employment 2	Three Rivers
		Beaver	WRDK041	SHRM Learning System Program	SW Corner
		Bucks	WSMCE 5015	Human Resources	Bucks County
13-2011	Accountants & Auditors	Allegheny	XGD-079	CPA Professional Continuing Education Program	Three Rivers
15-1121	Computer Systems Analysts	Allegheny	XJE-324	System Analysis and Design Part 1	Three Rivers
		Allegheny	XJE-325	System Analysis and Design Part 2	Three Rivers
		Allegheny	XJE-327	Web Page Design	Three Rivers
		Allegheny	XAI-316	Web Page Design	Three Rivers
		Allegheny	XAI-361	Web Page Design	Three Rivers
		Bucks	WITAC 0511	CompTIA Security +	Bucks County
		Delaware	ITAC 1951	Computer Forensics	Delaware
15-1131	Computer Programmers	Allegheny	XAI-298	Java for Programmers	Three Rivers

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Allegheny	XJE-303	C++ Programming Part 2 of 3	Three Rivers
		Allegheny	XJE-200	SQL Introduction	Three Rivers
		Allegheny	XJE-302	C++ Programming Part 1 of 3	Three Rivers
		Allegheny	XJE-304	C++ Programming Part 3 of 3	Three Rivers
		Allegheny	XJE-305	COBOL Programming Part 1	Three Rivers
		Allegheny	XJE-306	COBOL Programming Part 2	Three Rivers
		Allegheny	XJE-317	JAVA Programming Part 1 of 2	Three Rivers
		Allegheny	XJE-318	JAVA Programming Part 2 of 2	Three Rivers
		Allegheny	XJE-319	UNIX Using Linux Part 1	Three Rivers
		Allegheny	XJE-320	UNIX Using Linux Part 2	Three Rivers
		Allegheny	XXB-279	Intro to Visual Basic II	Three Rivers
		Allegheny	XXB-280	Advanced Visual Basic I	Three Rivers
		Allegheny	XXB-281	Advanced Visual Basic II	Three Rivers
		Allegheny	XJE-326	IT Refresher	Three Rivers
		Allegheny	XAI-065	Visual Basic	Three Rivers
		Allegheny	XAI-153	Unix and Linux	Three Rivers
		Allegheny	XAI-370	VB.NET	Three Rivers
		Allegheny	XJE-300	PL/SQL Programming	Three Rivers
		Allegheny	XAI-161	C++	Three Rivers
		Beaver	OCCP409	Java 2 Programming Language - Part I	SW Corner
		Beaver	OCCP425	Java 2 Programming Language - Part II	SW Corner
		Beaver	OCCP008	Computer Applications Technical Specialist IV	SW Corner
		Bucks	WITAC 3000	Creating a Dynamic Website with PHP and SQL	Bucks County

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Delaware	JSPD 6002	PLC Programming	Delaware
		Northampton	PTRB5420	Java Programming I	Lehigh Valley
		Northampton	PTRB5428	Java Programming II	Lehigh Valley
		Northampton	PTRB7424	Access 2007: Application Development	Lehigh Valley
15-1132	Software Developers, Applications				
		Bucks	WITAC 2504	Microsoft SQL Server 2008-Business Intelligence Development and Maintenance	Bucks County
		Bucks	WITAC 2103	Introduction to Programming in C#	Bucks County
		Bucks	WITAC 2104	Advanced Programming in C#	Bucks County
		Bucks	WITAC 2106	Introduction to Web Development with ASP.net	Bucks County
		Bucks	WITAC 2500	Microsoft SQL Server 2012 T-SQL Fundamentals	Bucks County
		Bucks	WITAC 2109	Android Advanced Topics	Bucks County
		Northampton	PTRB7422	Access Application Development	Lehigh Valley
15-1133	Software Developers, Systems Software				
		Allegheny	XAI-362	Web Design Added Dynamics	Three Rivers
		Allegheny	XAI-371	ASP.NET Web Dev.	Three Rivers
		Allegheny	XAI-363	Web Design Advanced Using CSS & Javascript	Three Rivers
		Allegheny	XAI-460	Networking Advanced	Three Rivers
15-1142	Network & Computer Systems Administrators				
		Allegheny	XJE-307	Security + Part 1 of 2	Three Rivers
		Allegheny	XJE-308	Security + Part 2 of 2	Three Rivers
		Allegheny	XAI-460	Networking Advanced	Three Rivers

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Beaver	OCCP084	Cisco Networking I	SW Corner
		Beaver	OCCP085	Cisco Networking II	SW Corner
		Beaver	OCCP086	Cisco Networking III	SW Corner
		Beaver	OCCP087	Cisco Networking IV	SW Corner
		Beaver	OCCP072	Network + Certification	SW Corner
		Beaver	OCCP183	Networking Fundamentals	SW Corner
		Beaver	OCCP507	Security+ (CompTIA's)	SW Corner
		Bucks	WITAC 1005	Net+ Certification by CompTIA	Bucks County
		Bucks	WITAC 1011	CCNA (Cisco Certified Network Associate) Module I Networking Basics	Bucks County
		Bucks	WITAC 1012	CCNA (Cisco Certified Network Associate) Module 2 Routing Protocols & Concepts	Bucks County
		Bucks	WITAC 1013	CCNA (Cisco Certified Network Associate) Module III Switching Basics & Intermediate Routing	Bucks County
		Bucks	WITAC 1014	CCNA (Cisco Certified Network Associate) Module IV Wan Technologies	Bucks County
		Bucks	WITAC 1016	CCNA Security (Cisco IOS Network Security - IINS)	Bucks County
		Montgomery	BIPCT 2081A	Network Security 1 Regional	Montgomery
		Montgomery	BIPCT 2081B	Network Security 2 Regional	Montgomery
		Montgomery	BIPCT 2082	Cisco Fundamentals of Wireless Lans Regional	Montgomery
		Montgomery	BIPCT 2037	CCNA 1 Regional	Montgomery
		Montgomery	BIPCT 2038	CCNA 2 Regional	Montgomery
		Montgomery	BIPCT 2039	CCNA 3 Regional	Montgomery
		Montgomery	BIPCT 2099	CCNA 4 Regional	Montgomery
		Northampton	CSCO1001	Cisco Networking 1	Lehigh Valley

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Northampton	CSCO1002	Cisco Networking 2	Lehigh Valley
		Northampton	CSCO1003	Cisco Networking 3	Lehigh Valley
		Northampton	CSCO1004	Cisco Networking 4	Lehigh Valley
		Northampton	PCTC3000	Linux +	Lehigh Valley
		Northampton	PCTC2200	Networking Fundamentals - Net+	Lehigh Valley
		Northampton	CSCO1101	CISCO Networking 3 & 4	Lehigh Valley
		Reading	ZCOM-502	Windows Server 2008 Directory Configuration	Berks
		Reading	ZCOM-503	Windows Server 2008 Network Infrastructure	Berks
		Reading	ZCOM-504	Windows Server 2008 Server Administrator	Berks
15-1150	Computer Support Specialists				
		Allegheny	XAI-383	Microsoft Access & Excel Database Design Certificate	Three Rivers
		Beaver	OCCP278	Technical Support Specialist II	SW Corner
		Beaver	OCCP279	Technical Support Specialist III	SW Corner
		Beaver	OCCP280	Technical Support Specialist IV	SW Corner
		Beaver	OCCP065	CompTIA's A+ Certification: Essentials	SW Corner
		Beaver	OCCP441	CompTIA's A+ Certification: 602 IT Technician	SW Corner
		Beaver	OCCP065	A+ Certification	SW Corner
		Beaver	OCCP007	Computer Applications Technical Specialist III	SW Corner
		Beaver	OCCP005	Computer Applications Technical Specialist I	SW Corner
		Beaver	OCCP006	Computer Applications Technical Specialist II	SW Corner
		Beaver	OCCP277	Technical Support Specialist I	SW Corner
		Beaver	OCCP498	A+ fast track (CompTIA's)	SW Corner
		Bucks	WITAC 2600	Linux +	Bucks County

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Bucks	WITAC 1081	Configuring Windows Server 2008 Active Directory	Bucks County
		Bucks	WITAC 2002	A+ Certification	Bucks County
		Bucks	WITAC 2510	Microsoft SQL Server 2008 Implementation and Maintenance	Bucks County
		Bucks	WITAC 2200	VMware	Bucks County
		Bucks	WITAC 1084	Installing and Configuring Windows Server 2012 Exam 70-410	Bucks County
		Bucks	WITAC 1092	Administering Windows Server 2012 Exam 70-411	Bucks County
		Bucks	WITAC 1093	Configuring Advanced Windows Server 2012 Services Exam 70-412	Bucks County
		Bucks	WITAC 2502	Administering Microsoft SQL Server 2012 Databases	Bucks County
		Bucks	WITAC 4020	CompTIA Healthcare IT Technician Certificate	Bucks County
		Bucks	WITAC 4030	Healthcare Technology Implementation Support Specialist	Bucks County
		Bucks	WITAC 4000	Certified PACS Technical Associate	Bucks County
		Bucks	WITAC 4001	Certified PACS Associate Clinical	Bucks County
		Bucks	WITAC 2600	CompTIA Linux +	Bucks County
		Bucks	WITAC 1091	Installing and Configuring Windows Server 2012	Bucks County
		Bucks	WITAC 2501	Microsoft SQL Server	Bucks County
		Delaware	ITAC 1003	Networking Plus	Delaware
		Delaware	ITAC 1900	A+ Computer Network Technician	Delaware
		Delaware	ITAC 2960	MCSE 2003	Delaware
		Delaware	ITAC 2961	MCSA 2003	Delaware
		Montgomery	BIPCT 2070	SQL	Montgomery
		Montgomery	BIPCT 1070	Java Programming	Montgomery
		Montgomery	BIPCT 1025	Visual Basic.Net Basic	Montgomery

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Montgomery	BIPCT 2025	Visual Basic.Net Intermediate	Montgomery
		Montgomery	BIPCT 2089	Unified Communications Express (IP Video Telephony)	Montgomery
		Montgomery	BIPCT 1037	Cisco Certified Networking Associate 1: Introduction to Networks	Montgomery
		Montgomery	BIPCT 1038	Cisco Certified Networking Associate 2: Routing and Switching Essentials	Montgomery
		Montgomery	BIPCT 1039	Cisco Certified Networking Associate 3/4: Scaling and connecting Networks	Montgomery
		Montgomery	BIPCT 2020	CCNP 1	Montgomery
		Montgomery	BIPCT 2021	CCNP 2	Montgomery
		Montgomery	BIPCT 1082	Wireless Networks	Montgomery
		Montgomery	BIPCT 1097	Developing Microsoft ASP.NET Web Applications using Visual Studio.net and ADO.net	Montgomery
		Montgomery	BIPCT 1094	Dynamic Website with PPH and MySQL	Montgomery
		Montgomery	BIPCT 2064	Programming with C#	Montgomery
		Montgomery	BIPCT 2270	MCSA Certification Program	Montgomery
		Montgomery	BIPCT 2054	A+ : PC Hardware & Software	Montgomery
		Montgomery	BIPCT 1125	CCNA Security	Montgomery
		Montgomery	BIPCT 1126	CCNA Voice	Montgomery
		Montgomery	BIPCT 2090	Search Engine Optimization (SEO)	Montgomery
		Montgomery	BIPCT 1133	Fiber Optic Cabling	Montgomery
		Montgomery	BIPCT 2277	Microsoft Certified Technology Specialist in Windows Server 2008 - Network Infrastructure	Montgomery
		Montgomery	BIPCT 2275	Microsoft Certified Technology Specialist in Windows Server 2008 - Active Directory Configuration	Montgomery

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Montgomery	BIPCT 2812	MAC OS X Server Essentials v10.6	Montgomery
		Montgomery	BIPCT 2280	Microsoft Certified Information Technology Professional in Windows Server 2008 - MCITP Certification	Montgomery
		Montgomery	BIPCT 2086	CCNP ROUTE	Montgomery
		Montgomery	BIPCT 2087	CCNP SWITCH	Montgomery
		Montgomery	BIPCT 2088	CCNP TSHOOT	Montgomery
		Montgomery	BIPCT 2103	Citrix XENServer	Montgomery
		Montgomery	BIPCT 2104	Citrix XENDesktop	Montgomery
		Montgomery	BIPCT 2105	Citrix XENApp	Montgomery
		Montgomery	BIPCT 2112	CompTIA Network+	Montgomery
		Montgomery	BIPCT 2080	CompTIA Security+	Montgomery
		Northampton	PCNET100	COMPTIA A+ Essentials & IT Technician Training	Lehigh Valley
		Reading	ZCOM-413	Cisco Introduction to Networks	Berks
		Reading	ZCOM-414	Cisco Routing and Switching Essentials	Berks
		Reading	ZCOM-415	Cisco Scaling Networks	Berks
		Reading	ZCOM-416	Cisco Connecting Networks	Berks
		Reading	ZCOM-417	Cisco Modules 1 & 2	Berks
		Westmoreland	DAPX 0010	A+ Certificate Preparation Program	West-Faye
17-2112	Industrial Engineers				
		Bucks	WTMCO 0400	Certificate in Permaculture Design	Bucks County
		Bucks	WTMCO 3570	Green Entrepreneurship	Bucks County
17-3013	Mechanical Drafters				
		Allegheny	XAI-560	CAD Introduction	Three Rivers

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Allegheny	XAI-561	Autodesk Inventor	Three Rivers
		Allegheny	XAI-661	Intro to CAD	Three Rivers
		Beaver	OCCP107	AutoCAD	SW Corner
		Westmoreland	DAPX 0110	AutoCAD 2 D Certificate	West-Faye
		Westmoreland	DAPX 0112	AutoCAD 3 D and Modeling Certificate	West-Faye
		Westmoreland	INDT 0042	Mechanical Drafters	West-Faye
17-3024	Electro-Mechanical Technicians				
		Bucks	WCOAP 6064	AutoCAD	Bucks County
		Bucks	WCOAP 6065	AutoCAD 2008 3D Modeling	Bucks County
		Bucks	WTMCO 0309	Large Wind Turbine Technician	Bucks County
		Bucks	WTMCO 1066	Mechanical Maintenance/Mechatronics Technician Fast Start	Bucks County
		Bucks	WTMCO 1600	Technician Basics/Technical Core Skills	Bucks County
		Bucks	WTMCO 1610	Manufacturing Fundamentals	Bucks County
		Bucks	WTMCO 1611	Electro-Mechanical Fundamentals	Bucks County
		Bucks	WTMCO 1612	Industrial Electrical I	Bucks County
		Bucks	WTMCO 1613	Industrial Mechanical I	Bucks County
		Bucks	WTMCO 1614	Power and Control Electronics	Bucks County
		Bucks	WTMCO 1615	Electrical Motor Controls I and II	Bucks County
		Bucks	WCOAP 6068	Rivet® Architecture Fundamentals	Bucks County
		Bucks	WTMCO 1627	Industrial Electrical 1	Bucks County
		Bucks	WCOAP 6070	Autodesk Inventor	Bucks County
		Bucks	WCOAP 6071	Solidworks Essentials	Bucks County

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

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		Delaware	JSPD 2796	Electrical Licensing	Delaware
		Reading	ZTEC-624	Custom Industrial EMT	Berks
17-3026	Industrial Engineering Technicians				
		Allegheny	XGH-501	Advanced PLCs	Three Rivers
		Allegheny	XGH-508	Automated Equipment: Flexible Manufacturing & Motion Control	Three Rivers
		Bucks	WTMCO 1125	Introduction to Industrial Controls	Bucks County
		Philadelphia	ARCN B8009	Green Manufacturing	Philadelphia
21-1011	Substance Abuse & Behavioral Disorder Counselors				
		Philadelphia	HEAL B9062	Faith Spiritual-Based Counsel	Philadelphia
21-1021	Child, Family & School Social Workers				
		Bucks	WSMCE 3231	Child Development Associate Module I	Bucks County
		Bucks	WSMCE 3232	Child Development Associate Module II	Bucks County
		Allegheny	XGC-719	Case Management Standards	Three Rivers
21-1091	Health Educators				
		Philadelphia	HEAL B9063	Personal Trainer Certification	Philadelphia
23-2011	Paralegals & Legal Assistants				
		Montgomery	BICEC 1144	Professional Legal Assistant	Montgomery
25-2011	Preschool Teachers				
		Philadelphia	EDCA B8006	Child Care Training Workshops	Philadelphia
		Philadelphia	EDCA B8008	Workshop in Early Childhood Education	Philadelphia

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Philadelphia	EDCA B8009	Child Development Associate II	Philadelphia
		Philadelphia	EDCA B8013	Child Development Associate	Philadelphia
		Philadelphia	EDCA B8014	Child Development Part I	Philadelphia
25-3021	Self-Enrichment Education Teachers				
		Allegheny	XIA-064	Educational Methodology for Local Level Instructors	Three Rivers
27-1024	Graphic Designers				
		Delaware	ITAC 8204	CIW Webdesign Specialist	Delaware
		Delaware	PDS 9978	Introduction to Revit Arch	Delaware
		Delaware	PDS 9987	Intermediate Revit Arch	Delaware
		Delaware	PDS 1001	Introduction to AutoCAD	Delaware
		Delaware	PDS 9989	Solidworks	Delaware
29-1111	Registered Nurses				
		Allegheny	XGB-004	RN/LPN Refresher	Three Rivers
		Allegheny	XGC-857	Transitioning to the United States Health System	Three Rivers
		Allegheny	XGC-862	Introduction to Home Healthcare Nursing	Three Rivers
		Bucks	WHPAH 0310	Nursing Review and Re-entry	Bucks County
		Bucks	WHPAH 0579	Toxicology and Health	Bucks County
		Harrisburg	AH CE855	RN/LPN Refresher	South Central
		Harrisburg	AH CE864	RN/LPN Reactivation	South Central
		Luzerne	CRTR-REN01	Re-Entry into Nursing	Luzerne-Schuylkill
		Luzerne	CRTR-NUR01	Registered Nurse First Assistant	Luzerne-Schuylkill

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Montgomery	BICEC 2501	Nursing Refresher Three Components	Montgomery
		Montgomery	BICEC 2500	Nursing Refresher Two Components	Montgomery
		Montgomery	BICEC 2502	Nursing Reactivation	Montgomery
		Northampton	PERIO100	Introduction to Perioperative Nursing	Lehigh Valley
		Northampton	NURSE101	RN Practice Review	Lehigh Valley
		Northampton	NURSE100	Reactivation Program for Registered Nurses	Lehigh Valley
		Reading	ZHEC-711	Pharmacology for Nurses	Berks
		Westmoreland	MEDX 5766	Nursing Refresher	West-Faye
		Westmoreland	MEDX 6999	Registered Nurse Reactivation Program	West-Faye
		Westmoreland	MEDX 0950	Basic Critical Care Nursing	West-Faye
29-2012	Medical & Clinical Laboratory Technicians				
		Delaware	JSPD 2820	Venipuncture	Delaware
		Delaware	CAR 4127	Dialysis Tech	Delaware
		Delaware	CAR 4126	Ophthalmic Assistant	Delaware
29-2021	Dental Hygienists				
		Harrisburg	AH CE084	Local Anesthesia for Dental Hygienists	South Central
		Northampton	DENTAL 100	Local Anesthesia for Dental Hygienists	Lehigh Valley
		Philadelphia	HEAL B9064	Local Anesthesia Dental	Philadelphia
29-2031	Cardiovascular Technologists & Technicians				
		Allegheny	XGC-834	Basic Arrhythmia Course	Three Rivers
		Allegheny	XFC-100	Basic Cardiac Monitoring	Three Rivers
		Bucks	WHPAH 0252	EKG Technician Certificate Program	Bucks County

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Harrisburg	AH CE059	EKG Applications	South Central
		Lehigh Carbon	HEA571	EKG Cardiovascular Technician	Lehigh Valley
		Luzerne	CRTR-EKG01	EKG Technician Training Program	Luzerne-Schuylkill
		Westmoreland	MEDX 0943	Cardiographic Technician Program	West-Faye
29-2037	Radiologic Technologists & Technicians				
		Beaver	OCCP552	Computerized Tomography Imaging	SW Corner
		Bucks	WRADT 1000	Introduction to Radiography	Bucks County
		Bucks	WRADT 1005	Ethics and Medical Law/Human Diversity	Bucks County
		Bucks	WRADT 1010	Medical Terminology	Bucks County
		Bucks	WRADT 1015	Radiographic Positioning I	Bucks County
		Bucks	WRADT 1020	Radiographic Positioning II	Bucks County
		Bucks	WRADT 1025	Radiographic Positioning III	Bucks County
		Bucks	WRADT 1030	Anatomy and Physiology I	Bucks County
		Bucks	WRADT 1035	Patient Care	Bucks County
		Bucks	WRADT 1040	Anatomy and Physiology II	Bucks County
		Bucks	WRADT 1045	Image Production and Evaluation	Bucks County
		Bucks	WRADT 1050	Radiation Physics	Bucks County
		Bucks	WRADT 1055	Advanced Imaging I	Bucks County
		Bucks	WRADT 1060	Radiation Biology and Protection	Bucks County
		Bucks	WRADT 1069	Clinical Experience I	Bucks County
		Bucks	WRADT 1070	Clinical Experience II	Bucks County
		Bucks	WRADT 1075	Clinical Experience III	Bucks County

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Bucks	WRADT 1080	Clinical Experience IV	Bucks County
		Bucks	WRADT 1085	Clinical Experience V	Bucks County
		Bucks	WRADT 1087	Clinical Experience VI	Bucks County
		Bucks	WRADT 1090	Radiographic Pathology	Bucks County
		Bucks	WRADT 1093	Contrast Media Procedures I	Bucks County
		Bucks	WRADT 1095	Contrast Media Procedures II	Bucks County
		Bucks	WRADT 1098	Registry Review	Bucks County
		Bucks	WRADT 1100	Quality Assurance	Bucks County
		Bucks	WRADT 1065	Advanced Imaging II	Bucks County
		Bucks	WRADT 1041	Cross Sectional Anatomy	Bucks County
		Delaware	JSPD 2822	EKG	Delaware
		Delaware	JSPD 2823	Multi-Skilled Technician	Delaware
		Delaware	JSPD 2822	Multi Skilled Technician	Delaware
29-2041 Emergency Medical Technicians & Paramedics					
		Allegheny	XGC-119	EMT-Basic	Three Rivers
		Allegheny	XXB-440	EMT-Paramedic Training	Three Rivers
		Allegheny	XXB-450	EMT-P Clinical Experience	Three Rivers
		Allegheny	XGC-098	First Responder	Three Rivers
		Allegheny	XGC-105	Basic Vehicle Rescue	Three Rivers
		Allegheny	XIA-287	EMS Instructor Course	Three Rivers
		Allegheny	XGC-138	Paramedic Refresher	Three Rivers
		Allegheny	XIA-399	NREMT Paramedic Refresher	Three Rivers
		Allegheny	XIA-400	NREMT Paramedic Skills Prep	Three Rivers

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Allegheny	XIA-003	EMT-Bridge Course	Three Rivers
		Allegheny	XXB-441	Paramedic Prep	Three Rivers
		Allegheny	XGC-913	EMT for Experienced Firefighters	Three Rivers
		Allegheny	XGC-914	EMT - EMS Academy Program	Three Rivers
		Allegheny	XGC-600	EMT	Three Rivers
		Allegheny	XGC-599	Emergency Medical Responder	Three Rivers
		Beaver	PUBS014	Emergency Medical Technician - Basic	SW Corner
		Bucks	FSC 251	Emergency Medical First Responder	Bucks County
		Bucks	FSC 255	Emergency Medical Technician Basic	Bucks County
		Bucks	FSC 258	American Red Cross Emergency Response	Bucks County
		Bucks	FSC 807	Surface Water Rescue Technician	Bucks County
		Bucks	PHPAH 0050	EMT Basic - B	Bucks County
		Bucks	PHPAH 0063	First Responder	Bucks County
		Butler	RBEMT 101 (100001)	Emergency Medical Technician (51.0904)	Tri-County
		Harrisburg	EMS CE874	EMT	South Central
		Harrisburg	EMS CE100	Noncredit Paramedic	South Central
		Lehigh Carbon	EMS403	Emergency Medical Technician Basics	Lehigh Valley
		Lehigh Carbon	EMS404/405	Paramedic Program	Lehigh Valley
		Luzerne	EMSR-EMTB	EMS-Emergency Medical Tech-Basic	Luzerne- Schuylkill
		Montgomery	LLEMS 6000	Basic EMT Certification Course	Montgomery
		Montgomery	LLEMS 6019	Biology 130	Montgomery
		Montgomery	LLEMS 6002	Paramedic Basic Certification Course	Montgomery

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Montgomery	LLEMS 6003	Paramedic Refresher	Montgomery
		Northampton	EMSCT106	Emergency Medical Responder to EMT Bridge Program	Lehigh Valley
		Northampton	EMS105	Emergency Medical Technician-Basic, National Registry (NREMT-B)	Lehigh Valley
		Penn Highlands	PSC 110	EMT Bridge	S. Alleghenies
		Reading	ZEMS-100	Basic Emergency Medical Technician	Berks
		Reading	ZEMS-101	First Responder Basic	Berks
		Reading	ZEMS-143	First Responder Bridge to EMT-B	Berks
		Westmoreland	MEDX 1880	Emergency Medical Technician Basic	West-Faye
		Westmoreland	MEDX 6795	Emergency Medical Technician-Paramedic	West-Faye
29-2052	Pharmacy Technicians				
		Lehigh Carbon	HEA530	Pharmacy Technician	Lehigh Valley
		Northampton	PHARM100	Certified Pharmacy Technician Program with Externship	Lehigh Valley
29-2061	Licensed Practical & Licensed Vocational Nurses				
		Bucks	WLPNP 1007	Interpersonal Communications for Practical Nurses	Bucks County
		Bucks	WLPNP 1020	Nutrition	Bucks County
		Bucks	WLPNP 1105	Gerontology/Mental Health Nursing	Bucks County
		Bucks	WLPNP 1052	Medical Surgical Nursing II - Theory	Bucks County
		Bucks	WLPNP 1150	Anatomy and Physiology - Theory	Bucks County
		Bucks	WLPNP 1151	Basic Nursing for Practical Nursing - Theory	Bucks County
		Bucks	WLPNP 1152	Basic Nursing for Practical Nursing - Clinical	Bucks County
		Bucks	WLPNP 1153	Personal and Professional Relationships I - Theory	Bucks County
		Bucks	WLPNP 1154	Medical Surgical Nursing I - Theory	Bucks County

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Bucks	WLPNP 1155	Medical Surgical Nursing I - Clinical	Bucks County
		Bucks	WLPNP 1156	Pharmacology I	Bucks County
		Bucks	WLPNP 1157	Intravenous Therapy - Theory	Bucks County
		Bucks	WLPNP 1158	Maternal and Child Health - Theory	Bucks County
		Bucks	WLPNP 1159	Maternal and Child Health - Clinical	Bucks County
		Bucks	WLPNP 1160	Medical Surgical Nursing II - Clinical	Bucks County
		Bucks	WLPNP 1161	Pharmacology II	Bucks County
		Bucks	WLPNP 1162	Personal and Professional Relationships II - Theory	Bucks County
		Bucks	WLPNP 1163	Personal and Professional Relationships II - Clinical	Bucks County
		Northampton	NURSE 104	LPN Reactivation Clinical	Lehigh Valley
		Northampton	NURSE 103	LPN Practice Review	Lehigh Valley
		Northampton	NURSE 102	Reactivation Program for Licensed Practical Nurses	Lehigh Valley
29-2071	Medical Records & Health Information Technicians				
		Allegheny	XGA-050	Medical Billing	Three Rivers
		Allegheny	XGC-764	Intro ICD 9 Coding	Three Rivers
		Allegheny	XGC-726	Medical Ethics and Law	Three Rivers
		Allegheny	XGC-765	CPT: HCPCS Coding	Three Rivers
		Allegheny	XGC-767	Encoding and Billing Training	Three Rivers
		Allegheny	XJE-341	Medical Terminology	Three Rivers
		Allegheny	XGB-212	History of Health Information Technology	Three Rivers
		Allegheny	XGB-312	Introduction to Health Care I and II	Three Rivers
		Allegheny	XGB-313	Introduction to Computer and Information Science	Three Rivers

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Allegheny	XGB-314	Fundamentals of Health Workflow Process Analysis & Redesign I & II	Three Rivers
		Allegheny	XGB-315	Health Management Information Systems I & II	Three Rivers
		Allegheny	XGB-322	Working with Health IT Systems	Three Rivers
		Allegheny	XGB-323	Installation and Maintenance of Health IT Systems	Three Rivers
		Allegheny	XGB-324	Networking and Health Information Exchange	Three Rivers
		Allegheny	XGB-325	Configuring EHRs	Three Rivers
		Allegheny	XGB-328	EHRs – A Hands-on Approach	Three Rivers
		Allegheny	XGB-334	HIT Certificate Program	Three Rivers
		Beaver	OCCP272	Medical Billing – Physician Office	SW Corner
		Beaver	OCCP004	Coding – CPT and ICD-9CM	SW Corner
		Beaver	OCCP292	Medical Collections	SW Corner
		Beaver	OCCP017	Medical Billing/Understanding Health Insurance	SW Corner
		Beaver	WRKD0398	Medical Billing and Coding	SW Corner
		Beaver	WRKD038	Health Information Technology with Clinical Internship	SW Corner
		Beaver	WRKD037	Electronic Health Record Management	SW Corner
		Bucks	WHPAH 0978	Transition to ICD-10-CM/ICD-10-PCS	Bucks County
		Butler	RPROF 102 (020031)	Medical Billing(51.0000)	Tri-County
		Butler	RPROF 504 (020029)	Medical Billing and Coding (51.0703)	Tri-County
		Butler	RPROF 510 (020030)	Medical Office Practices (51.0000)	Tri-County
		Delaware	COM 3300	Certified Medical Admin Assistant	Delaware
		Delaware	JSPD 2814	Health Unit Coordinator	Delaware

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Harrisburg	AH CE968	Introduction to CPT Coding	South Central
		Harrisburg	AH CE214	ICD-9 Coding	South Central
		Harrisburg	AH CE401	Medical Office Technician	South Central
		Harrisburg	AH 980	ICD-10-CM/PCS Coding	South Central
		Montgomery	BICEC 1126	Medical Billing and Coding Certificate Program	Montgomery
		Montgomery	TACT 3002	Medical Billing and Coding	Montgomery
		Philadelphia	HEAL B9051	Medical Billing and Coding	Philadelphia
		Philadelphia	HEAL B9056	Medical Billing and Coding	Philadelphia
		Philadelphia	HEAL B9060	Medical Assistant Administration Program	Philadelphia
		Westmoreland	MEDX 3100	Medical Coding ICD-9-CM	West-Faye
		Westmoreland	MEDX 3101	CPT Medical Coding	West-Faye
		Westmoreland	MEDX 5456	Medical Transcription I	West-Faye
		Westmoreland	MEDX 5453	Medical Terminology	West-Faye
31-1011	Home Health Aides				
		Luzerne	CRTR-HHA01	Home Healthcare Aide`	Luzerne- Schuylkill
		Northampton	PTRA0252	Home Health Aide	Lehigh Valley
31-1012	Nursing Aides, Orderlies & Attendants				
		Allegheny	XGM-455	Crisis: Train the Trainer	Three Rivers
		Allegheny	XGB-203	Introduction & Use of Hospital	Three Rivers
		Allegheny	XGB-204	Introduction to Long Term Care	Three Rivers
		Allegheny	XGB-205	Introduction to Nurse Aid	Three Rivers
		Allegheny	XGB-208	Nursing Assistant (Clinical)	Three Rivers

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Allegheny	XGB-209	Nursing Assistant Theory	Three Rivers
		Allegheny	XJN-010	Intro to Human Service Agencies	Three Rivers
		Allegheny	XJN-011	Introduction to Patient Care	Three Rivers
		Allegheny	XJN-013	Medical Terminology/Body System	Three Rivers
		Allegheny	XJN-014	Functional Skills 1	Three Rivers
		Allegheny	XJN-015	Field Experience in a Health Care Facility 1 for Persons Needing Learning Supports	Three Rivers
		Allegheny	XJN-016	Introduction to Nursing Assistant Theory 1 for Persons Needing Learning Supports	Three Rivers
		Allegheny	XJN-017	Lab Skills 1 for Persons Needing Learning Supports	Three Rivers
		Allegheny	XJN-018	Medical Terminology for Persons Needing Learning Supports	Three Rivers
		Allegheny	XJN-031	Functional Skills 2	Three Rivers
		Allegheny	XJN-035	Nursing Aide Attendant Functions and Skills	Three Rivers
		Allegheny	XJN-037	Field Experience in a Health Care Facility 2	Three Rivers
		Allegheny	XJN-038	Functional Skills 2	Three Rivers
		Allegheny	XJN-040	Nursing Assistant Exam Prep	Three Rivers
		Allegheny	XJN-040	Nursing Assistant Exam Preparation for Persons Needing Learning Supports	Three Rivers
		Allegheny	XJN-041	Clinical Externship	Three Rivers
		Allegheny	XJN-041	Clinical Externship for Persons Needing Learning Supports	Three Rivers
		Allegheny	XJN-043	Nursing Aide Attendant Practicum for Persons Needing Learning Supports	Three Rivers
		Allegheny	XGC-369	Home Health Aide Training	Three Rivers
		Allegheny	XGO-300	Senior Companion Orientation	Three Rivers

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Allegheny	XGB-211	Nurse Aide Training	Three Rivers
		Allegheny	XJN-042	Resident Aide Attendant	Three Rivers
		Allegheny	XXB-133	Nursing Assistant Training	Three Rivers
		Allegheny	XGC-362	Home Health Aide Training	Three Rivers
		Allegheny	XGB-308	Nursing Assistant (Theory)	Three Rivers
		Allegheny	XGB-309	Nursing Assistant (Clinical)	Three Rivers
		Allegheny	XJN-020	Theory/Lab for the Nursing Assistant	Three Rivers
		Allegheny	XJN-022	Introduction to Medical Terminology	Three Rivers
		Allegheny	XJN-026	Clinical for the Nursing Assistant	Three Rivers
		Beaver	WRKD036	Home Healthcare Aide	SW Corner
		Bucks	WHPAH 0300	Nurse Aide Program	Bucks County
		Bucks	WHPAH 0323	Universal Health Care Skills	Bucks County
		Bucks	WHPAH 0225	Patient Care Technician Comprehensive	Bucks County
		Bucks	WHPAH 0506	Healthcare Core Skills: Clinical Track	Bucks County
		Bucks	WHPAH 0261	EKG/Phlebotomy Technician Comprehensive	Bucks County
		Bucks	WHPAH 0257	Phlebotomy Technician	Bucks County
		Bucks	WHPAH 0511	Healthcare Core Skills: General	Bucks County
		Bucks	WHPAH 0302	Nurse Aide Training Program	Bucks County
		Harrisburg	AH CE289	Nurse Aide Training	South Central
		Lehigh Carbon	HEA702	Nurse Aide Training Diploma Program	Lehigh Valley
		Luzerne	CRTR-CNA01	Nurse Aide Training Program	Luzerne- Schuylkill
		Northampton	NAIDE100	Nurse Aide Program	Lehigh Valley

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Northampton	ETP100	Experienced Technical Partner	Lehigh Valley
		Northampton	TPT101	Technical Partner Trainee Program	Lehigh Valley
		Northampton	TPT102	Experienced Technical Partner for Trainees	Lehigh Valley
		Philadelphia	HEAL B9014	Nurse Aide Training	Philadelphia
		Philadelphia	HEAL B9046	Nurse Aide Program	Philadelphia
		Philadelphia	Heal B9066	Nurse Aide Training	Philadelphia
		Philadelphia	HEAL B9073	Nurse Aide Training	Philadelphia
		Reading	ZHEC-675	Nurse Aide Training	Berks
		Reading	ZHEC-685	Nurse Aide Training	Berks
		Reading	ZHEC-690	128-HOUR Nurse Aide Training	Berks
		Reading	ZHEC-695	165-HOUR Nurse Aide Training	Berks
		Westmoreland	MEDX 6761	Nurse Aide Training Program	West-Faye
31-2021	Physical Therapist Assistants				
		Bucks	WHPAH 0277	Physical Therapy Aide	Bucks County
		Delaware	CAR3961	Physical Therapy Aide	Delaware
		Montgomery	BICEC 1132	Physical Therapy Aide	Montgomery
		Philadelphia	HEAL B9061	Physical Therapy Aide	Philadelphia
31-9091	Dental Assistants				
		Bucks	WHPAH 3000	Dental Assisting	Bucks County
		Delaware	CAR 3932	Dental Assistant	Delaware
		Northampton	DENTL200	Dental Assisting	Lehigh Valley
		Penn Highlands	CED 116	Dental Assisting	S. Alleghenies

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Reading	ZDEN-604	Dental Assistant II	Berks
		Reading	ZDEN-605	Dental Assistant III	Berks
		Reading	ZDEN-603	Dental Assistant	Berks
31-9092	Medical Assistants				
		Allegheny	XGC-371	Optometric Assistant	Three Rivers
		Bucks	WHPAH 0110	Medical Billing and Coding	Bucks County
		Bucks	WHPAH 0130	Medical Billing and Coding/Medical Office Administration	Bucks County
		Bucks	WHPAH 0505	Healthcare Core Skills: Business Services Track	Bucks County
		Bucks	WHPAH 0975	Medical Terminology for Medical Billers and Coders	Bucks County
		Bucks	WHPAH 0976	Anatomy and Physiology for Medical Billers and Coders	Bucks County
		Bucks	WHPAH 0977	Disease Processes for Medical Billers and Coders	Bucks County
		Bucks	WHPAH 0979	Pharmacology for Medical Billers and Coders	Bucks County
		Bucks	WHPAH 2503	Electronic Health Record & Practice Management, Medical Reimbursement/Coding Specialist Comprehensive	Bucks County
		Bucks	WHPAH 2501	Medical Reimbursement/Coding Specialist	Bucks County
		Reading	ZMIM-601	Medical Insurance and Billing Specialist I	Berks
		Reading	ZMIM-602	Medical Insurance and Billing Specialist II	Berks
		Reading	ZMIM-604	Medical Insurance and Billing Specialist IV	Berks
		Reading	ZMIA-601	Medical Insurance and Billing Specialist I (A)	Berks
		Reading	ZMIA-602	Medical Insurance and Billing Specialist II (A)	Berks
		Reading	ZMIA-603	Medical Insurance and Billing Specialist III (A)	Berks
		Reading	ZMIB-601	Medical Insurance and Billing Specialist I (B)	Berks
		Reading	ZMIB-602	Medical Insurance and Billing Specialist II (B)	Berks

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Reading	ZHEC-614	Healthcare Skills 3	Berks
		Reading	ZMIB-613	Medical Insurance and Billing Specialist III (B)	Berks
		Reading	ZMIM-613	Medical Insurance and Billing Specialist III (M)	Berks
		Reading	ZINS-606	Medical Insurance Coding 2	Berks
31-9097	Phlebotomists				
		Allegheny	XXB-425	Phlebotomy Intensive Training	Three Rivers
		Allegheny	XGC-028	Phlebotomy	Three Rivers
		Butler	RBEMT 371 (120002)	Phlebotomy (51.0000)	Tri-County
		Luzerne	CRTR-PHB01	Phlebotomy Training Program	Luzerne- Schuylkill
		Northampton	PTRA 0194	Phlebotomy Technician/Laboratory Service Representative Program	Lehigh Valley
		Westmoreland	MEDX 6712	Phlebotomy Program	West-Faye
33-9032	Security Guards				
		Harrisburg	PSCI CE274	Lethal Weapons Training--ACT 235	South Central
35-2014	Cooks, Restaurant				
		Delaware	EAT 905	Culinary Professional	Delaware
		Philadelphia	HMTP B8008	Professional Culinary Skills	Philadelphia
39-3011	Gaming Dealers				
		Allegheny	XGA-506	Poker Dealer	Three Rivers
		Allegheny	XGA-507	Baccarat Dealer	Three Rivers
		Allegheny	XGA-508	Roulette Dealer	Three Rivers

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Allegheny	XGA-509	Craps Dealer	Three Rivers
		Beaver	GAMI001	BlackJack	SW Corner
		Beaver	GAMI002	Craps	SW Corner
		Beaver	GAMI003	Roulette	SW Corner
		Beaver	GAMI004	Baccarat	SW Corner
		Beaver	GAMI005	Carnival Games	SW Corner
		Beaver	GAMI006	Poker	SW Corner
		Beaver	GAMI010	Blackjack and Other Banked Games	SW Corner
		Northampton	CASNC100	Introduction to Casino Games	Lehigh Valley
39-9031	Fitness Trainers & Aerobics Instructors				
		Harrisburg	AH CE131	Personal Trainer	South Central
41-3021	Insurance Sales Agents				
		Allegheny	XGA-142	Life,accident,health Insurance	Three Rivers
		Allegheny	XGA-143	Property & Casualty Insurance Career Prep	Three Rivers
41-4012	Sales Representatives				
		Allegheny	XGA-082	Retail Sales Associate	Three Rivers
		Bucks	WSMCE 5250	The Selling Process	Bucks County
		Westmoreland	JRET 0980	Sales Representative	West-Faye
41-9022	Real Estate Sales Agents				
		Allegheny	XCR-103	Real Estate Fundamentals and Practice	Three Rivers
		Butler	RREAL 201 (020004)	Real Estate Fundamentals (52.1501)	Tri-County

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Butler	RREAL 202 (020005)	Real Estate Practices (52.1501)	Tri-County
43-1011	Supervisors - Office & Administrative Support Workers				
		Allegheny	XGA-077	Understanding Regulations for the Medical Office Manager	Three Rivers
		Allegheny	XZM-028	Advanced Supervisor/Leadership	Three Rivers
		Allegheny	XGE-009	Project Mgmt. Pro Cert. Bootcamp	Three Rivers
		Lehigh Carbon	NIZ-500	Leadership Skills for Administrators	Lehigh Valley
43-3021	Billing and Posting Clerks				
		Harrisburg	AH CE238	Medical Terminology	South Central
		Harrisburg	AH CE977	Medical Terminology Online	South Central
		Harrisburg	AH CE970	Advanced Coding I	South Central
		Harrisburg	AH CE971	Advanced Coding II	South Central
43-3031	Bookkeeping, Accounting & Auditing Clerks				
		Allegheny	XAA-112	Accounting for Small Business	Three Rivers
		Allegheny	XAI-196	Quickbooks	Three Rivers
		Allegheny	XAI-199	Quickbooks	Three Rivers
		Lehigh Carbon	BSN500	Computerized Bookkeeping Diploma	Lehigh Valley
		Lehigh Carbon	BSN626	Payroll Certification	Lehigh Valley
		Philadelphia	ACCO B7058	Basic Accounting & Bookkeeping	Philadelphia
		Reading	ZJAM-601	Junior Accountant I	Berks
		Reading	ZJAM-602	Junior Accountant II	Berks
		Reading	ZJAM-604	Junior Accountant IV	Berks

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Reading	ZJAA-601	Junior Accountant I (A)	Berks
		Reading	ZJAA-602	Junior Accountant II (A)	Berks
		Reading	ZJAA-613	Junior Accountant III (A)	Berks
		Reading	ZJAB-601	Junior Accountant I (B)	Berks
		Reading	ZJAB-602	Junior Accountant II (B)	Berks
		Reading	ZJAB-603	Junior Accountant III (B)	Berks
		Reading	ZJAM-613	Junior Accountant III (M)	Berks
		Reading	ZJAA-623	Junior Accountant III (A)	Berks
		Reading	ZJAM-623	Junior Accountant III (M)	Berks
43-4051	Customer Service Representatives				
		Allegheny	XCP-020	Customer Svs/Call Ctr Training	Three Rivers
		Allegheny	XCP-036	Customer Service Call Center Training	Three Rivers
		Allegheny	XCP-037	Call Center Readiness Lab	Three Rivers
		Allegheny	XGC-815	Customer Service for Healthcare Providers	Three Rivers
		Allegheny	XGA-038	Customer Service Skills	Three Rivers
		Allegheny	XGA-038	Customer Service Skills Training	Three Rivers
		Beaver	OCCP362	Customer Service Development	SW Corner
		Lehigh Carbon	OFF811	Customer Service Diploma	Lehigh Valley
		Lehigh Carbon	CAR404	Insurance Call Center Professional	Lehigh Valley
		Luzerne	CFBS-CUS01	Customer Service	Luzerne-Schuylkill
		Westmoreland	JRET 0974	Customer Service Representative	West-Faye

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
43-5071	Shipping, Receiving & Traffic Clerks	Lehigh Carbon	CAR990B	Logistics & Warehouse Certificate	Lehigh Valley
		Montgomery	TACT 1006	Warehouse & Logistics	Montgomery
		Montgomery	TACT 1001	Warehouse & Logistics	Montgomery
43-6013	Medical Secretaries	Penn Highlands	CED 272	Medical Terminology	S. Alleghenies
43-6014	Secretaries	Allegheny	XGB-207	Medical Language for the Healt	Three Rivers
		Allegheny	XGC-007	Medical Terminology	Three Rivers
		Allegheny	XGA-091	Administrative Assistant	Three Rivers
		Allegheny	XHD-030	Business Communications	Three Rivers
		Allegheny	XGC-370	Understanding Regulations for the Medical Office Manager	Three Rivers
		Allegheny	XHD-042	Electronic Doc Formatting	Three Rivers
		Allegheny	XHD-050	Excel for Office Professional	Three Rivers
		Allegheny	XHD-051	Access for office professional	Three Rivers
		Allegheny	XHD-052	MS Word for the Office Professional	Three Rivers
		Allegheny	XHD-045	MS PowerPoint for the Office Professional	Three Rivers
		Allegheny	XHD-046	MS Outlook for the Office Professional	Three Rivers
		Allegheny	XHD-048	Electronic Office Procedures	Three Rivers
		Allegheny	XHD-052	MS Word for the Office Professional	Three Rivers
		Beaver	OCCP020	Keyboarding/Data Processing	SW Corner
		Beaver	OCCP133	Microsoft Word	SW Corner

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Beaver	OCCP006	MS Office Applications Support Specialist II	SW Corner
		Beaver	OCCP007	MS Office Applications Support Specialist III	SW Corner
		Beaver	OCCP006	MS Office Applications Support Specialist II	SW Corner
		Delaware	COM 3110	Computer Skills for the Workplace	Delaware
		Delaware	COM 3110	Administrative Professional	Delaware
		Montgomery	BICEC 1801	Office Assistant Certificate	Montgomery
		Reading	ZAAM-602	Administrative Assistant II	Berks
		Reading	ZAAM-603	Administrative Assistant III	Berks
		Reading	ZAAM-604	Administrative Assistant IV	Berks
		Reading	ZAAA-601	Administrative Assistant I (A)	Berks
		Reading	ZAAA-602	Administrative Assistant II (A)	Berks
		Reading	ZAAA-603	Administrative Assistant III (A)	Berks
		Reading	ZAAB-602	Administrative Assistant II (B)	Berks
		Reading	ZAAB-603	Administrative Assistant III (B)	Berks
		Reading	ZCAA-602	Computer Applications II (A)	Berks
		Reading	ZCAA-611	Computer Applications I (A)	Berks
		Reading	ZCAB-611	Computer Applications I (B)	Berks
		Reading	ZCAM-602	Computer Applications II (M)	Berks
		Reading	ZCAM-611	Computer Applications I (M)	Berks
		Reading	ZCAA-621	Computer Applications I (A)	Berks
		Westmoreland	DAPX 9224	Word Certificate Program	West-Faye

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Westmoreland	DAPX 6240	Microsoft Office Applications Level 1	West-Faye
		Westmoreland	DAPX 1776	Excel Certificate Program	West-Faye
43-9061	Office Clerks, General				
	Reading		ZMOM-601	Medical Office Assistant I	Berks
	Reading		ZMOM-602	Medical Office Assistant II	Berks
	Reading		ZMOA-601	Medical Office Assistant I (A)	Berks
	Reading		ZMOA-602	Medical Office Assistant II (A)	Berks
	Reading		ZMOB-601	Medical Office Assistant I (B)	Berks
	Reading		ZMOB-602	Medical Office Assistant II (B)	Berks
	Reading		ZOAA-601	Office Assistant w/Computer Applications I (A)	Berks
	Reading		ZOAA-602	Office Assistant w/Computer Applications II (A)	Berks
	Reading		ZOAA-603	Office Assistant w/Computer Applications III (A)	Berks
	Reading		ZOAB-602	Office Assistant w/Computer Applications II (B)	Berks
	Reading		ZOAB-603	Office Assistant w/Computer Applications III (B)	Berks
	Reading		ZMOB-613	Medical Office Assistant III (B)	Berks
	Reading		ZMOM-614	Medical Office Assistant IV (M)	Berks
	Reading		ZOAM-602	Office Assistant with Computer Applications II (M)	Berks
	Reading		ZOAM-603	Office Assistant with Computer Applications III (M)	Berks
	Reading		ZOAM-614	Office Assistant with Computer Applications IV	Berks
	Reading		ZMOM-613	Medical Office Assistant III (M)	Berks
	Reading		ZMOA-613	Medical Office Assistant III (A)	Berks
47-1011	Supervisors - Construction Trades & Extraction Workers				

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Beaver	OCCP224	Project Management	SW Corner
		Bucks	WSMCE 6000	Sustainable Building Advisors Certificate Program	Bucks County
		Bucks	WSMCE 6026	First Line Supervisory for Construction/Construction Supervisory Training	Bucks County
		Bucks	WTMCO 0313	PA Weatherization Auditor Program	Bucks County
		Bucks	WTMCO 3004	Residential Energy Auditor	Bucks County
		Bucks	WTMCO 4104	PA Weatherization - Crew Chief Comprehensive	Bucks County
		Butler	RWDCS 471 (160022)	40 Hour Hazardous Materials Technicians (46.0000)	Tri-County
		Butler	RWDBC 472 (160024)	30 - Hour OSHA Standards for Construction (46.0000)	Tri-County
47-2021	Brickmasons & Blockmasons				
		Butler	RPROF 507 (090027)	Brick Masonry (46.0101)	Tri-County
		Reading	ZVOT-208	Basic Bricklaying	Berks
47-2031	Carpenters				
		Allegheny	XCG-011	Carpentry 1	Three Rivers
		Allegheny	XHB-923	Building Trades Mathematics	Three Rivers
		Delaware	JSPD 0039	Basic Home Remodeling	Delaware
		Delaware	JSPD 4015	Building Plan Review	Delaware
		Delaware	JSPD 4011	Building Gen Fire Protection	Delaware
		Harrisburg	BCT CE011	Basic Residential Construction	South Central
		Harrisburg	BCT CE958	Blueprint Reading & Sketching	South Central
47-2061	Construction Laborers				

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Bucks	WTMCO 0311	Green Technician Basics/Technical Core Skills	Bucks County
		Bucks	WTMCO 0312	PA Weatherization – Crew Chief	Bucks County
		Bucks	WTMCO 0333	Green Technician Basics - Career Readiness Component	Bucks County
		Harrisburg	BCT CE014	YouthBuild-Basic Construction	South Central
		Harrisburg	BCT CE730	Basic Construction Skills	South Central
47-2111	Electricians				
		Allegheny	XCE-106	Electrical Codes - National	Three Rivers
		Allegheny	XBA-395	Electricity - Basic	Three Rivers
		Allegheny	XUS-149	Basic Electricity 1	Three Rivers
		Allegheny	XUS-154	Basic Electricity 2	Three Rivers
		Allegheny	XUS-155	Basic Electricity 3	Three Rivers
		Beaver	OCCP089	Electricity I - Basic	SW Corner
		Beaver	OCCP148	High Voltage Theory & Safety	SW Corner
		Bucks	WTMCO 1080	Industrial Electrical Systems - Basic	Bucks County
		Bucks	WTMCO 1081	Industrial Electrical Systems - Control Circuits	Bucks County
		Bucks	WTMCO 0325	Electrical Pre-Apprenticeship with Solar PV Basics	Bucks County
		Bucks	WTMCO 0350	First Year Electrical Apprentice Training	Bucks County
		Butler	RPROF 505 (020026)	House Wiring (46.0499)	Tri-County
		Delaware	JSPD 0082	Basic Residential Wiring	Delaware
		Delaware	PDS 2004	PV Solar Installer	Delaware
		Northampton	EMCNC100	Basic Electricity	Lehigh Valley
		Northampton	ELCNC101	Commercial Wiring	Lehigh Valley

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Northampton	EMCNC103	Industrial Electricity & Sensors	Lehigh Valley
		Northampton	ELCNC100	Residential Wiring and Construction	Lehigh Valley
		Northampton	ELCNC102	NEC Masters' Certification Review	Lehigh Valley
		Reading	ZVOT-213	Electricity Basic/Residential	Berks
		Reading	ZVOT-217	Interpreting the National Electrical Code	Berks
		Reading	ZVOT-227	Electrical Apprenticeship Program Level I	Berks
		Reading	ZVOT-228	Electrical Apprenticeship Program Level II	Berks
		Reading	ZVOT-229	Electrical Apprenticeship Program Level III	Berks
		Reading	ZVOT-230	Electrical Apprenticeship Program Level IV	Berks
		Westmoreland	APPX 3200	Electrical Industrial Apprentice Level 1	West-Faye
47-2152	Plumbers, Pipefitters & Steamfitters				
		Allegheny	XCE-205	Plumbing	Three Rivers
		Allegheny	XGH-032	Advanced Pipe Layout & Fabricating Part 1	Three Rivers
		Allegheny	XGH-033	Advanced Pipe Layout Fab. Part 2	Three Rivers
		Allegheny	XGH-034	Advanced Pipe Layout Fab. Part 3	Three Rivers
		Allegheny	XGH-035	Advanced Pipe Layout Fab. Part 4	Three Rivers
		Allegheny	XUS-035	Pipe Layout and Fabrication - Part 1	Three Rivers
		Allegheny	XUS-036	Pipe Layout and Fabrication - Part 2	Three Rivers
		Allegheny	XCE-209	Backflow Certification	Three Rivers
		Allegheny	XCE-210	Plumbing I	Three Rivers
		Allegheny	XCE-214	Plumbing II	Three Rivers
		Beaver	OCCP096	Fluid Technology - Basic	SW Corner
		Beaver	OCCP424	Piping & Lubrication	SW Corner

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Beaver	OCCP096	Fluid Technology II	SW Corner
		Reading	ZVOT-221	Plumbing - Basic Residential	Berks
47-4011	Construction & Building Inspectors				
		Philadelphia	CNSV B7004	LEED GA Professional	Philadelphia
		Philadelphia	CNSV B7005	LEED AP Professional	Philadelphia
		Philadelphia	CNSV B7007	LEED AP Professional	Philadelphia
47-5071	Roustabouts, Oil & Gas				
		Allegheny	XGH-017	Marcellus Shale Roustabout Training	Three Rivers
		Beaver	WRKD007	Floor Hand	SW Corner
		Butler	140123	Introduction to Petroleum and Natural Gas	Tri-County
		Westmoreland	INDC 9161	ShaleNET Roustabout Training	West-Faye
49-1011	Supervisors - Mechanics, Installers & Repairers				
		Bucks	WTMCO 0335	Weatherization Crew Leader - 96 hours	Bucks County
		Bucks	WTMCO 0336	Weatherization Crew Leader - 48 hours	Bucks County
		Bucks	FSC 1019	OSHA Safety & Regulatory Training	Bucks County
		Lehigh Carbon	TEC-100	TAACCCT-Production Core Technician	Lehigh Valley
49-2022	Telecommunications Equipment Installers & Repairers				
		Delaware	ITAC 6006	Cisco Certified Network Associate	Delaware
		Northampton	ELCNC103	Residential Cabling	Lehigh Valley
49-3021	Automotive Body & Related Repairers				
		Allegheny	XIB-010	Auto Body	Three Rivers
		Delaware	JSPD 0013	Auto Body Repair	Delaware

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
49-3023	Automotive Service Technicians & Mechanics				
		Allegheny	XPA-009	Engine Performance 2	Three Rivers
		Allegheny	XPA-011	Automatic Transmissions	Three Rivers
		Allegheny	XPA-021	Auto Emissions Level 1	Three Rivers
		Allegheny	XPA-029	Electronic Systems Diagnosis	Three Rivers
		Allegheny	XPA-036	Basic Automotive Electrical Systems	Three Rivers
		Allegheny	XPA-072	Engine Repair	Three Rivers
		Allegheny	XPA-076	Manual Transmissions	Three Rivers
		Allegheny	XIB-005	Auto Mechanics	Three Rivers
		Allegheny	XPA-033	Electronic Systems Diagnosis	Three Rivers
		Allegheny	XPA-038	Differential Diagnosis and 4WD Repair	Three Rivers
		Allegheny	XPA-077	Automatic Transmission Repair	Three Rivers
		Allegheny	XPA-036	Basic Automotive Electrical Systems	Three Rivers
		Allegheny	XPA-113	Engine Performance Diagnosis & Testing	Three Rivers
		Allegheny	XPA-116	Advanced Engine Performance	Three Rivers
		Delaware	JSPD 0057	Small Engine Repair	Delaware
		Philadelphia	TRAN B8015	Automotive Braking Systems	Philadelphia
		Philadelphia	TRAN B8016	Automotive Heating and Air Conditioning	Philadelphia
		Philadelphia	TRAN B8017	Automotive Suspension Systems	Philadelphia
		Philadelphia	TRAN B8024	MLR Automotive Electrical Systems	Philadelphia
		Philadelphia	TRAN B8029	F.I.R.S.T. (Emission Waiver Program)	Philadelphia
		Philadelphia	TRAN B8030	Ford Electrical Certification Program	Philadelphia
		Philadelphia	TRAN B8032	MLR Auto Braking Systems	Philadelphia

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Philadelphia	TRAN B8031	MLR Auto Suspension Systems	Philadelphia
		Philadelphia	TRAN B8039	MLR Electrical Systems	Philadelphia
		Reading	ZVOT-205	Automotive Electronics	Berks
		Reading	ZVOT-206	Automotive Mechanics (Basics)	Berks
		Reading	ZVOT-207	Automotive Mechanics (Adv.)	Berks
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists				
		Allegheny	XPA-019	Diesel Engine Performance	Three Rivers
		Allegheny	XPA-114	Diesel Engine Performance 51S08T2	Three Rivers
		Luzerne	CRTR-DIE01	Diesel Mechanic Technician Training Program	Luzerne-Schuylkill
49-9021	Heating, A/C & Refrigeration Mechanics & Installers				
		Allegheny	XGF-011	Refrigeration Principles	Three Rivers
		Allegheny	XGH-188	Basic Boiler/Hvacr	Three Rivers
		Allegheny	XHB-030	Solar Panel Installation and Maintenance Training	Three Rivers
		Allegheny	XUS-050	Refrigeration Troubleshooting	Three Rivers
		Allegheny	XCE-203	Heating & Air Conditioning	Three Rivers
		Allegheny	XUS-072	HVAC	Three Rivers
		Allegheny	XUS-078	Refrigeration Troubleshooting	Three Rivers
		Allegheny	XHA-052	Refrigeration & Air Conditioning	Three Rivers
		Bucks	WTMCO 1076	Oil Burners and Steam Systems	Bucks County
		Bucks	WTMCO 0332	NABCEP PV Entry Level Course	Bucks County
		Bucks	WTMCO 0334	Weatherization Installer	Bucks County
		Bucks	WTMCO 4101	Weatherization Installer	Bucks County

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Bucks	WTMCO 0351	Renewable Energy and Power I	Bucks County
		Bucks	WTMCO 4105	Weatherization Auditor	Bucks County
		Delaware	PDS 8701	Introduction to Sheet Metal & Assembly	Delaware
		Delaware	JSPD 0009	HVAC Technology - Part I	Delaware
		Delaware	JSPD 0026	HVAC Technology - Part II	Delaware
		Delaware	PDS 2002	Geothermal	Delaware
		Montgomery	BICST 3505	Introduction to Heating, Ventilation & Air Conditioning	Montgomery
		Montgomery	BICST 3507	Introduction to Heating, Ventilation, and Air Conditioning (Heating)	Montgomery
		Montgomery	TACT 5001	HVAC Level 1	Montgomery
		Montgomery	TACT 5002	HVAC Level 2	Montgomery
		Northampton	ACRNC150	HVAC Air Flow & Distribution	Lehigh Valley
		Northampton	ACRNC121	Gas Heating Systems	Lehigh Valley
		Northampton	ACRNC140	Heat Pumps	Lehigh Valley
		Northampton	ACRNC120	Oil Heating Systems	Lehigh Valley
		Northampton	ACRNC101	Principles of HVAC I	Lehigh Valley
		Northampton	ACRNC102	Principles of HVAC II	Lehigh Valley
		Northampton	ACRNC104	Refrigeration Troubleshooting	Lehigh Valley
		Reading	ZVOT-201	Basic Air Conditioning & Refrigeration	Berks
		Reading	ZTEC-701	Building Analyst & Heat and A/C Systems Technology/ Skills	Berks
		Westmoreland	INDT 5166	Heating, Ventilation, & Air Conditioning Skills Certificate	West-Faye

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
49-9041	Industrial Machinery Mechanics				
		Allegheny	XGH-186	Pneumatics	Three Rivers
		Allegheny	XGH-187	Hydraulics	Three Rivers
		Allegheny	XGH-221	Introduction to PLCs	Three Rivers
		Allegheny	XUS-046	Dial Indicating Shaft Alignmen	Three Rivers
		Allegheny	XGH-228	Mechanical Drives-Light Duty V-Belt & Chain Drives	Three Rivers
		Allegheny	XGH-229	Mechanical Drives-Heavy Duty V-Belt & Chain Drives	Three Rivers
		Allegheny	XGH-250	Industrial Mechanics	Three Rivers
		Allegheny	XGH-502	Industrial Mechanical II	Three Rivers
		Beaver	OCCP423	Programmable Logic Controls	SW Corner
		Beaver	WRKD018	Industrial Mechanics	SW Corner
		Beaver	WRKD018	Industrial Mechanic	SW Corner
		Beaver	WRKD053	Industrial Electrician	SW Corner
		Beaver	WRKD054	PLC Technician	SW Corner
		Bucks	WTMCO 1075	Fluid, Hydraulic and Pneumatic Systems	Bucks County
		Bucks	WTMCO 1083	Introduction to Programmable Logic Controllers	Bucks County
		Bucks	WTMCO 1090	Industrial Drives, Pumps and Process Control	Bucks County
		Bucks	WTMCO 1091	Industrial Piping Systems	Bucks County
		Bucks	WTMCO 1061	Mechanical Drives 1	Bucks County
		Bucks	WTMCO 1092	Basic Electricity	Bucks County
		Bucks	WTMCO 1630	Intro to Manufacturing	Bucks County
		Harrisburg	ELEC CE007	MechTech-Industrial Controls Auto MecTec	South Central

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Lehigh Carbon	TEC530	AM/IST Industrial Maintenance Certificate Program	Lehigh Valley
		Lehigh Carbon	TEC-101	TAACCCT-Industrial Electrical/Electronics Technician	Lehigh Valley
		Lehigh Carbon	TEC-103	TAACCCT-Industrial Mechanical Technician	Lehigh Valley
		Lehigh Carbon	TEC-135	TAACCCT-Production/Industrial Electrical/Electronics Technician	Lehigh Valley
		Luzerne	CRTR-IMT01	Industrial Electricity I	Luzerne-Schuylkill
		Luzerne	CRTR-IMT02	Industrial Electricity with Math - Part II	Luzerne-Schuylkill
		Luzerne	CRTR-IMT03	Industrial Electricity-Part III	Luzerne-Schuylkill
		Luzerne	CRTR-IMT10	Industrial Motor Controls-Part I	Luzerne-Schuylkill
		Luzerne	CRTR-IMT-11	Industrial Motor Controls II	Luzerne-Schuylkill
		Luzerne	CRTR-IMT-21	Programmable Logic Controller (PLC) Part II using SLC500	Luzerne-Schuylkill
		Luzerne	CRTR-IMT22	Programmable Logic Controls III using ControlLogix	Luzerne-Schuylkill
		Luzerne	CRTR-IMT12	Industrial Motor Controls III - VFD	Luzerne-Schuylkill
		Luzerne	CRTR-IMT20	Programmable Logic Controller (PLC) Part I	Luzerne-Schuylkill
		Luzerne	CRTR-IMT23	Instrumentation	Luzerne-Schuylkill
		Luzerne	CRTR-IMC01	AM/IST Mechanical Course	Luzerne-Schuylkill

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Luzerne	CRTR-EEC01	AM/IST Electrical/Electronics Course	Luzerne-Schuylkill
		Montgomery	TACT 1003	Industrial Electrical	Montgomery
		Montgomery	TACT 1005	Industrial Electrical & PLC	Montgomery
		Northampton	EMCNC105	Advanced Mechanical Systems	Lehigh Valley
		Northampton	EMCNC1-6	Automated Systems Troubleshooting & Repair	Lehigh Valley
		Northampton	EMCNC101	Maintenance Hydraulics & Pneumatics	Lehigh Valley
		Northampton	EMCNC102	Maintenance of Mechanical Components	Lehigh Valley
		Philadelphia	MECA B6002	DC-AC Electricity	Philadelphia
		Philadelphia	MECA B6003	Electrical Wiring	Philadelphia
		Philadelphia	MECA B6004	Hydraulics 1	Philadelphia
		Philadelphia	MECA B6005	PLCs Part 1	Philadelphia
		Philadelphia	MECA B6006	Mechanical Systems 1	Philadelphia
		Philadelphia	MECA B6009	Pneumatics 1	Philadelphia
		Philadelphia	MECA B6012	PLCs Part I	Philadelphia
		Reading	ZVOT-214	Fundamentals of Robotics	Berks
		Reading	ZVOT-222	Programmable Logic Controls	Berks
		Reading	ZTEC-204	Mechanical & Electrical Fundamentals for ICS	Berks
		Reading	ZTEC-205	AC/DC Electrical Learning System	Berks
		Reading	ZTEC-207	Electric Motor Control System	Berks
		Reading	ZTEC-212	Elec. Machines, Mtr Cntrl, Wiring, & Pwr Distribtn	Berks
		Reading	ZTEC-213	AMIST Industrial Electrical Systems (NCIST2-IES)	Berks
		Reading	ZTEC-303	Electro-Fluid Power System	Berks

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
	Reading		ZTEC-308	Hydraulic Troubleshooting	Berks
	Reading		ZTEC-328	Electro-Fluid Power & Hydraulic Troubleshooting	Berks
	Reading		ZTEC-329	Basic, Intermediate, Advanced Pneumatics	Berks
	Reading		ZTEC-401	DC Electronic Drives	Berks
	Reading		ZTEC-402	PLC Allen Bradley SLC 500 w/Troubleshooting	Berks
	Reading		ZTEC-406	PLC Allen Bradley Control Logix/Troubleshooting	Berks
	Reading		ZTEC-412	PLC Troubleshooting - Siemens S7315	Berks
	Reading		ZTEC-416	Process Control	Berks
	Reading		ZTEC-417	Thermal Process Control System	Berks
	Reading		ZTEC-419	PLC Allen Bradley SLC500 w/Analog Apps	Berks
	Reading		ZTEC-420	DC Drives & Process Control System	Berks
	Reading		ZTEC-606	AC/DC Electrical Learning System & Hydraulics	Berks
	Reading		ZTEC-608	AC/DC Electrical Learning System & EF Power	Berks
	Reading		ZTEC-609	Electro-Fluid Power, Sensors, and AC Drives	Berks
	Reading		ZTEC-226	AMIST Industrial Electrical Program	Berks
	Reading		ZTEC-227	AMIST Industrial Electrical Program	Berks
	Reading		ZTEC-235	AMIST Customized Electrical Program	Berks
	Reading		ZTEC-236	AMIST Customized Electrical Program	Berks
	Reading		ZTEC-238	AMIST Customized Electrical Program	Berks
	Reading		ZTEC-239	Customized AMIST Industrial Electrical Program	Berks
	Reading		ZTEC-240	Customized AMIST Industrial Electrical Program	Berks
	Reading		ZTEC-355	AMIST Industrial Mechanical Program	Berks
	Reading		ZTEC-356	AMIST Industrial Mechanical Program	Berks

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
	Reading		ZTEC-357	Rigging Systems 1	Berks
	Reading		ZTEC-359	AMIST Mechanical Program Customized	Berks
	Reading		ZTEC-360	AMIST Customized Mechanical Program	Berks
	Reading		ZTEC-361	AMIST Customized Mechanical Program	Berks
	Reading		ZTEC-362	AMIST Customized Mechanical Program	Berks
	Reading		ZTEC-363	Customized AMIST Industrial Mechanical Program	Berks
	Reading		ZTEC-427	AMIST Programmable Logic Controllers Program (SLC500)	Berks
	Reading		ZTEC-428	AMIST Programmable Logic Controllers Program (SLC500)	Berks
	Reading		ZTEC-500	Quality Assurance	Berks
	Reading		ZTEC-511	Computer Integrated Manufacturing (CIM)	Berks
	Reading		ZTEC-607	Vibration Analysis, Laser Alignment & Process Control	Berks
	Reading		ZTEC-241	AMIST 2 Industrial Electrical 2 Program (e-learning)	Berks
	Reading		ZTEC-242	AMIST 2 Industrial Electrical 2 Program	Berks
	Reading		ZTEC-331	Basic, Intermediate, Troubleshooting Hydraulics and Pneumatics and Electro-Fluid Power	Berks
	Reading		ZTEC-368	AMIST 2 Industrial Mechanical 2 Program (e-learning)	Berks
	Reading		ZTEC-369	AMIST 2 Industrial Mechanical 2 Program	Berks
	Reading		ZTEC-370	Industrial Mechanical Program - Pneumatic Option (e-learning)	Berks
	Reading		ZTEC-371	Industrial Mechanical Program - Pneumatic Option	Berks
	Reading		ZTEC-374	AMIST 2 Industrial Mechanical 2 Program Pneumatics Option (e-learning)	Berks
	Reading		ZTEC-375	AMIST 2 Industrial Mechanical 2 Program Pneumatics Option	Berks

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
	Reading		ZTEC-433	AMIST 2 Programmable Logic Controllers Program (SLC500) Part 2	Berks
	Reading		ZTEC-526	QA (LAPS 8-11) & Manufacturing Processes (LAPs 8-12)	Berks
	Reading		ZTEC-245	Custom Advanced Electric Motor Controls	Berks
	Reading		ZTEC-247	Custom Industrial Electrical	Berks
	Reading		ZTEC-438	Advanced Industrial PLC (AB ControlLogix)	Berks
	Reading		ZTEC-441	Intro to PLC ControlLogix & Siemens, PanelView, Panelview Plus, ControlNet, DeviceNet & Profibus	Berks
	Reading		ZTEC-443	PLC Allen Bradley ControlLogix Troubleshooting Learning System + Analog	Berks
	Reading		ZTEC-520	Motion Control (Servo) Learning System	Berks
	Reading		ZTEC-531	Industrial Robotics & Motion Control	Berks
	Reading		ZTEC-387	Custom Industrial Mechanical Program	Berks
	Reading		ZTEC-388	Custom Industrial Mechanical Program	Berks
	Reading		ZTEC-437	AMIST 3 Process Control & Industrial Instrumentation	Berks
	Reading		ZTEC-522	Application Projects	Berks
	Reading		ZTEC-540	Manufacturing Fundamentals	Berks
	Reading		ZTEC-541	Computer Integrated Manufacturing Systems (CIM)	Berks
	Reading		ZTEC-623	Custom AMIST Industrial Electrical 2 w/Process Control	Berks
	Reading		ZTEC-622	Custom AMIST Electrical 1 Program With PLC and Process Control	Berks
	Reading		ZTEC-223	Electrical Motor Control	Berks
	Reading		ZTEC-341	EPM Custom Mechanical Systems 2	Berks
	Westmoreland		INDT 5150	Industrial Machinery Mechanics	West-Faye
	Westmoreland		INDT 5160	Industrial Maintenance Core Courses	West-Faye

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Westmoreland	INDT 5161	Industrial Maintenance Level 1	West-Faye
		Westmoreland	INDT 5162	Industrial Maintenance Level 2	West-Faye
		Westmoreland	INDT 5163	Industrial Maintenance Level 3	West-Faye
		Westmoreland	INDT 5164	Industrial Maintenance Level 4	West-Faye
		Westmoreland	INDT 5165	Industrial Maintenance Level 5	West-Faye
49-9043	Maintenance Workers, Machinery				
		Allegheny	XGH-196	Mechanical Systems	Three Rivers
		Allegheny	XHA-012	Electrical Equipment Training/Troubleshooting	Three Rivers
		Allegheny	XHA-026	Electrical Measuring	Three Rivers
		Allegheny	XHA-029	Three-Phase Motors	Three Rivers
		Allegheny	XHA-030	Basic AC Controls	Three Rivers
		Allegheny	XGH-223	Electrical Motor Controls	Three Rivers
		Allegheny	XUS-142	Electrical Print Reading	Three Rivers
		Allegheny	XUS-183	Electrical Transformers	Three Rivers
		Allegheny	XUS-189	Electrical Print Reading	Three Rivers
		Allegheny	XGH-517	Electrical Industrial Maintenance - Electrical Circuit & Motor Control	Three Rivers
		Allegheny	XGH-519	Mechanical Industrial Maintenance - Mechanical Drives	Three Rivers
		Bucks	WTMCO 1639	Industrial Hydraulics	Bucks County
		Harrisburg	IA CE010	Industrial Electricity I	South Central
		Lehigh Carbon	TEC-102	TAACCCT-Industrial Automation Technician	Lehigh Valley
		Lehigh Carbon	TEC-136	TAACCCT-Production /Industrial Mechanical Technician	Lehigh Valley
		Lehigh Carbon	TEC-137	TAACCCT-Production/Industrial Automation Technician	Lehigh Valley

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
49-9051	Electrical Power-Line Installers & Repairers				
		Northampton	LINEW101	Lineworker Trainee Program	Lehigh Valley
49-9071	Maintenance & Repair Workers, General				
		Allegheny	XBA-396	Mechanical Principles	Three Rivers
		Allegheny	XGH-002	Electrical Technician part 1	Three Rivers
		Allegheny	XGH-003	Electrical Technician part 2	Three Rivers
		Allegheny	XGH-004	Electrical Tech - Practice and Review	Three Rivers
		Allegheny	XHB-925	Green Commercial Building Operators License	Three Rivers
		Allegheny	XUS-051	Pumps and Pump Repair	Three Rivers
		Allegheny	XUS-064	Scaffolding, Jacking and Rigging	Three Rivers
		Allegheny	XUS-081	Laser Shaft and Dial Indicating	Three Rivers
		Allegheny	XUS-084	Electric Motor Theory	Three Rivers
		Allegheny	XUS-085	Electrical Motor Controls	Three Rivers
		Allegheny	XUS-117	Power Transmission	Three Rivers
		Allegheny	XUS-123	Dial Indicating Shaft Alignment	Three Rivers
		Allegheny	XGH-300	Manufacturing Skills	Three Rivers
		Allegheny	XGH-303	Manufacturing Skills	Three Rivers
		Allegheny	XUS-143	New Maintenance & Hybrid Technician Course	Three Rivers
		Allegheny	XUS-144	System Problem Solving and Troubleshooting	Three Rivers
		Allegheny	XUS-148	Mechanical Blueprint Reading	Three Rivers
		Allegheny	XUS-169	Instrumentation and Process Control	Three Rivers
		Allegheny	XUS-173	Hydraulics	Three Rivers

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Allegheny	XUS-175	Power Transmission (MECH-0031 0030 0032; MECH 0029 & MECH 0028)	Three Rivers
		Allegheny	XUS-176	Pumps	Three Rivers
		Allegheny	XUS-177	Process Control Elements	Three Rivers
		Allegheny	XUS-087	DC Cranes & Controls	Three Rivers
		Allegheny	XUS-118	Basic Math, Mechanical	Three Rivers
		Allegheny	XUS-167	Alignment Shaft & Coupling	Three Rivers
		Allegheny	XUS-168	Bearings	Three Rivers
		Allegheny	XUS-169	Instrumentation and Process Control	Three Rivers
		Allegheny	XUS-184	Electrical Troubleshooting	Three Rivers
		Allegheny	XUS-187	Hydraulics	Three Rivers
		Allegheny	XUS-188	Mechanical Print Reading	Three Rivers
		Allegheny	XUS-192	Power Transmission	Three Rivers
		Allegheny	XUS-194	AC/DC Drives	Three Rivers
		Allegheny	XUS-197	Digital Circuits	Three Rivers
		Allegheny	XGH-302	Mechanical Systems	Three Rivers
		Allegheny	XHA-046	Intro to DC Equipment & Controls	Three Rivers
		Allegheny	XGH-316	Certified Production Technician	Three Rivers
		Allegheny	XGH-312	Mechanical Systems	Three Rivers
		Allegheny	XGH-310	Electrical Systems	Three Rivers
		Allegheny	XGH-500	Industrial Electrical II	Three Rivers
		Allegheny	XUS-207	Instrumentation and Process Control	Three Rivers
		Allegheny	XUS-221	New Maintenance & Hybrid Technician Course	Three Rivers

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Allegheny	XUS-234	New Employee Orientation	Three Rivers
		Allegheny	XUS-236	Instrumentation and Process Control	Three Rivers
		Allegheny	XUS-241	Basic Electronics	Three Rivers
		Allegheny	XUS-247	New Hybrid Maintenance Safety	Three Rivers
		Allegheny	XGH-275	Hydraulic Maintenance	Three Rivers
		Allegheny	XGH-515	32-Bit Microprocessors	Three Rivers
		Allegheny	XGH-516	Microcontrollers System Development	Three Rivers
		Allegheny	XUS-257	Coking Door Cleaner	Three Rivers
		Beaver	OCCP091	Mechanical Maintenance I	SW Corner
		Beaver	OCCP421	Preventive & Predictive Maintenance	SW Corner
		Beaver	OCCP422	Plant Electrical Operations	SW Corner
		Beaver	OCCP128	Mechanical Maintenance II	SW Corner
		Bucks	WTMCO 1638	MPS: AC/DC Electrical Fabrication Production Assembly	Bucks County
		Bucks	WTMCO 1625	Industrial Mechanical 1	Bucks County
		Butler	140027	Industrial Maintenance	Tri-County
		Westmoreland	INDT 2100	General Maintenance & Repair	West-Faye
51-1011	Supervisors - Production & Operating Workers				
		Allegheny	XHZ-100	Six Sigma-Greenbelt	Three Rivers
		Allegheny	XUS-222	Train the Trainer	Three Rivers
		Beaver	OCCP325	Lean Manufacturing	SW Corner
		Beaver	OCCP448	Introduction to Occupational Safety and Health	SW Corner
		Bucks	WSMCE 5270	Lean Six Sigma Green Belt	Bucks County
		Bucks	WSMCE 5403	Project Management Course I	Bucks County

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Bucks	WSMCE 5404	Project Management Course II	Bucks County
		Bucks	WSMCE 5271	Lean Six Sigma Black Belt	Bucks County
		Bucks	WSMCE 5283	Lean 'N Green – Lean Six sigma for Green Projects	Bucks County
		Bucks	WSMCE 5285	Lean Six Sigma Black Belt	Bucks County
		Bucks	WSMCE 5286	Lean Six Sigma Black Belt for Plastics Industry	Bucks County
		Bucks	WSMCE 5405	Project management Module I (online)	Bucks County
		Bucks	WSMCE 5406	Project management Module II (online)	Bucks County
		Bucks	WSMCE 5274	LSS Greenbelt Certification	Bucks County
		Butler	RWDBC 473 (160053)	30 - Hour OSHA Standards for General Industry (48.0000)	Tri-County
		Northampton	SAF119	OSHA 30-hour General Industry Outreach Program	Lehigh Valley
		Penn Highlands	CED 452	Lean/Sigma	S. Alleghenies
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic				
		Bucks	WTMCO 1065	CNC Machine Tool Operations	Bucks County
		Bucks	WTMCO 1066	Introduction to Human Machine Interfacing	Bucks County
		Bucks	WTMCO 1121	PLC Technician	Bucks County
		Bucks	WTMCO 1122	Advanced PLC Programming	Bucks County
		Bucks	WTMCO 1635	CNC Machine Operator	Bucks County
		Butler	RWDCT 730 (140026)	CNC (48.0503)	Tri-County
		Delaware	PDS 9811	Static & Strength of Materials	Delaware
		Delaware	PDS 9813	Manufacturing Processes I	Delaware
		Delaware	PDS 9814	Manufacturing Processes II	Delaware

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Delaware	PDS 9850	Principles of Quality Control	Delaware
		Reading	ZTEC-527	CNC Machine Operator Program	Berks
		Reading	ZTEC-528	NIMS CNC Machine Operator Program + OJT	Berks
		Reading	ZBUS-313	Introduction to Mastercam for CNC Operators	Berks
		Reading	ZTEC-630	Production Technician Certificate Program	Berks
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal & Plastic				
		Allegheny	XAI-646	Programmable Logic Controllers, Advanced	Three Rivers
		Allegheny	XGH-198	Intro to Programmable Logic Controllers	Three Rivers
		Allegheny	XUS-018	Moore Controllers 352 & 353	Three Rivers
		Allegheny	XGH-232	Introduction to PLCs	Three Rivers
		Allegheny	XGH-233	Programmable Logic Controllers II	Three Rivers
		Allegheny	XUS-164	PLC Basics	Three Rivers
		Allegheny	XGH-306	Introduction to PLCs	Three Rivers
		Allegheny	XGH-311	Introduction to PLCs	Three Rivers
		Bucks	WTMCO 1120	PLC (Programmable Logic Controllers) Troubleshooting	Bucks County
		Bucks	WTMCO 1123	PLC Troubleshooting (A-B SLC500)	Bucks County
		Bucks	WTMCO 1124	PLC Troubleshooting (A-B SLC500)	Bucks County
		Delaware	PDS 2788	CNC Operator	Delaware
		Harrisburg	IA CE386	CNC/Machinist W/Solidworks	South Central
		Harrisburg	IA CE384	CNC with Solidworks	South Central
		Montgomery	TACT 1002	CNC Operator	Montgomery
		Northampton	EMCNC104	Programmable Logic & Automation Controllers	Lehigh Valley
		Northampton	EMCNC107	Advanced Programmable Logic & Automation Controllers	Lehigh Valley

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
51-4041	Machinists				
		Allegheny	XHB-050	Machine Tool Technology	Three Rivers
		Allegheny	XHB-101	CNC Machining	Three Rivers
		Allegheny	XHB-055	Advanced Machining	Three Rivers
		Beaver	OCCP098	Basic Machining	SW Corner
		Beaver	OCCP088	Blueprint Reading	SW Corner
		Beaver	OCCP426	Industrial Math	SW Corner
		Bucks	WTMCO 0101	Blueprint Reading, Metrics, and Measurement	Bucks County
		Bucks	WTMCO 0200	Shapers, Planers and Broaching Machines	Bucks County
		Bucks	WTMCO 1070	Propeller Terminology I	Bucks County
		Bucks	WTMCO 0106	Geometric Dimensioning and Tolerancing (GD&T) with Mechanical Drawing/Blueprint Reading	Bucks County
		Bucks	WTMCO 1629	Metal Work Training Program	Bucks County
		Butler	RWDCT 750 (140028)	Blue Print Reading (48.0503)	Tri-County
		Butler	RWDCT 770 (140024)	Applied Machine Shop Math (48.0503)	Tri-County
		Butler	140053	GD&T	Tri-County
		Delaware	JSPD 1736	Introduction to Manufacturing Laboratory	Delaware
		Harrisburg	IA CE024	Machinists	South Central
		Montgomery	WDCBC 1134	CAM Operations	Montgomery
		Northampton	EMCNC109	Mechanical Blueprint Reading	Lehigh Valley
		Reading	ZVOT-218	Machine Shop	Berks
		Reading	ZMTT-106	Engineering Graphics II	Berks

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Reading	ZMTT-120	Machine Tool Mathematics I	Berks
		Reading	ZMTT-125	Machine Tool Mathematics II	Berks
		Reading	ZMTT-165	Machine Theory I	Berks
		Reading	ZMTT-131	Engineering Graphics with Blueprint Reading	Berks
		Reading	ZMTT-265	CNC Fixture Design	Berks
		Reading	ZMTT-211	Milling Technology	Berks
		Reading	ZMTT-261	Basic CNC Programming, Milling & Turning Theory	Berks
		Reading	ZMTT-152	Basic Power Tools	Berks
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic				
		Allegheny	XHD-034	Statistical Process Control	Three Rivers
51-4121	Welders, Cutters, Solderers & Brazers				
		Allegheny	XBA-011	Welding 1 Part 2	Three Rivers
		Allegheny	XHB-003	Welding	Three Rivers
		Allegheny	XBA-393	Welding--Oxy-Acetylene & Basic Shielded Metal Arc	Three Rivers
		Allegheny	XBA-394	Basic Welding - Shielded and MIG	Three Rivers
		Allegheny	XUS-030	Welding 1 Shielded Metal	Three Rivers
		Allegheny	XBA-392	Welding and Brazing	Three Rivers
		Allegheny	XBA-397	Welding Level 3 & 4	Three Rivers
		Allegheny	XHB-014	MIG/TIG Welding	Three Rivers
		Allegheny	XUS-057	Welding II - Advanced	Three Rivers
		Allegheny	XUS-059	Welding III- MIG & Stainless	Three Rivers
		Allegheny	XUS-061	Welding 1-Carbon Steel	Three Rivers

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Allegheny	XUS-063	Burning & Tack Welding	Three Rivers
		Allegheny	XUS-068	Welding-Shielded Metal	Three Rivers
		Allegheny	XBA-902	Welding Applications	Three Rivers
		Allegheny	XBA-900	Welding Applications	Three Rivers
		Allegheny	XBA-903	Welding Applications	Three Rivers
		Allegheny	XUS-179	Welding Structural Extension	Three Rivers
		Allegheny	XBA-904	Welding	Three Rivers
		Allegheny	XUS-220	Welding Strip Using MIG	Three Rivers
		Allegheny	XUS-250	Welding II (Piping) Advanced	Three Rivers
		Allegheny	XUS-251	Welding 1- Shielded Metal ARC	Three Rivers
		Allegheny	XBA-906	Welding Certification to AWS D1.1 code	Three Rivers
		Allegheny	XBA-907	Welding Certification to AWS D1.1 code	Three Rivers
		Allegheny	XBA-908	Welding Certification to AWS D1.1 code	Three Rivers
		Beaver	OCCP163	Welding	SW Corner
		Beaver	OCCP097	Welding and Fabrication	SW Corner
		Beaver	OCCP165	Intro and Advanced Welding	SW Corner
		Beaver	WRKD031	Welder's Helper - Natural Gas Industry Emphasis	SW Corner
		Beaver	OCCP558	Soldering Certification	SW Corner
		Bucks	WTMCO 1634	Welding Processes	Bucks County
		Bucks	WTMCO 1633	Sim Welding	Bucks County
		Bucks	WTMCO 0124	Blueprint Reading for Welders	Bucks County
		Butler	RPROF 509 (020012)	Basic MIG Welding (48.0000)	Tri-County

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Butler	130126	Welding Certificate Program	Tri-County
		Delaware	JSPD 0015	Basic Arc Welding	Delaware
		Delaware	JSPD 9005	Welding Design	Delaware
		Delaware	PDS 9799	Intro to Welding Processes	Delaware
		Delaware	PDS 9803	Shielded Metal Arc Welding I	Delaware
		Delaware	PDS 9804	Shielded Metal Arc Welding II	Delaware
		Delaware	PDS 9805	Gas Metal Arc Welding	Delaware
		Delaware	PDS 9806	Gas Tungsten Arc Welding	Delaware
		Delaware	PDS 9809	Material Science	Delaware
		Harrisburg	WELD CE108	Welding-SMAW D1.1 Cert	South Central
		Harrisburg	WELD CE096	Welding, SMAW Certification Module	South Central
		Harrisburg	WELD CE095	Welding, GMAW Certification Module	South Central
		Harrisburg	WELD CE426	Welding Technician	South Central
		Lehigh Carbon	TEC636	Structural Welding	Lehigh Valley
		Luzerne	CRTR-IW01	Basic Welding Training Program	Luzerne- Schuylkill
		Northampton	WLDNC124	Advanced Arc Welding - Pipe	Lehigh Valley
		Northampton	WLDNC104	Advanced Arc Welding - Plate	Lehigh Valley
		Northampton	WLDNC100	Basic Arc Welding Techniques	Lehigh Valley
		Northampton	WLDNC120	Gas Tungsten Arc Welding	Lehigh Valley
		Northampton	WLDNC121	Semiautomatic Arc Welding	Lehigh Valley
		Reading	ZVOT-219	Oxyacetylene & Electric Arc Welding I	Berks
		Reading	ZVOT-220	Oxyacetylene & Electric Arc Welding II	Berks

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
		Reading	ZVOT-234	Oxyacetylene & Electric Arc Welding I	Berks
		Westmoreland	INDT 8910	Welding Skills Certificate	West-Faye
51-4191	Heat Treating Equipment Setters, Operators & Tenders, Metal & Plastic	Allegheny	XUS-065	Coking Lidman	Three Rivers
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	Delaware	JSPD 9006	Testing and Inspection of Welds	Delaware
53-1021	Supervisors - Helpers, Laborers & Material Movers	Harrisburg	TRNS CE042	Warehouse Equipment Moving Specialist--CLA	South Central
53-3032	Heavy & Tractor-Trailer Truck Drivers	Beaver	OCCP053	Commercial Driving Technology	SW Corner
		Beaver	OCCP053	CDL - Natural Gas Industry Emphasis	SW Corner
		Harrisburg	TRNS CE030	Basic Truck Driver Training-Class A	South Central
		Harrisburg	TRNS CE034	Refresher/Upgrade to Class "A" CDL License	South Central
		Harrisburg	TRNS CE0891	Truck Driver Training-Class B	South Central
		Lehigh Carbon	TRA508	CDL-Class A (TRA 508)	Lehigh Valley
		Luzerne	CRTR-PTDP	Professional Truck Drivers Program	Luzerne-Schuylkill
		Northampton	TRLAB132	32 Hour Behind the Wheel Refresher	Lehigh Valley
		Northampton	TRLAB 140	40 Hour Behind the Wheel Refresher	Lehigh Valley
		Northampton	TRCKA140	Class B Truck Driving Program	Lehigh Valley
		Northampton	TRCKA160	Class A Truck Driving Program-160 Hour Behind the Wheel Training	Lehigh Valley
		Northampton	TRCKA180	Class A Truck Driving-80 Hour Classroom	Lehigh Valley

**Noncredit Workforce Development Courses Approved
for 2014-2015 Fiscal Year**

Appendix C

SOC Code	Occupation	College	Course Number	Course Title	WIA
53-3033	Light Truck or Delivery Services Drivers	Lehigh Carbon	TRA509	CDL-Class B (TRA 509)	Lehigh Valley
53-7051	Industrial Truck & Tractor Operators	Philadelphia	TECN B7038	Manufacturing Lifts	Philadelphia

**Programs and Courses approved for 2014-2015 Academic Year
by SOC Code, Award and Stipend Category**

Table 1

College	High Priority and High Instructional Cost Programs			High Priority Occupation Programs			Noncredit Workforce Development Courses
	Associate Degrees	Certificate	Diploma	Associate Degrees	Certificate	Diploma	
Allegheny	21	11	1	35	40	3	300
Beaver	2	1	1	12	7	0	74
Bucks	7	9	0	20	4	0	182
Butler	9	0	0	7	8	0	20
Delaware	13	6	9	23	11	0	52
Harrisburg	21	17	8	26	24	10	34
Lehigh Carbon	5	3	0	27	9	2	22
Luzerne	7	2	0	23	16	5	23
Montgomery	10	2	0	25	16	0	61
Northampton	11	1	6	25	1	8	62
Penn Highlands	8	0	1	6	0	1	4
Philadelphia	6	3	0	28	18	0	43
Reading	3	1	0	12	7	0	176
Westmoreland	20	9	4	21	19	7	33
TOTAL	143	65	30	290	180	36	1,086

**Programs and Courses Approved for 2014-2015 Academic Year
by SOC Code, Award and Stipend Category**

Table 2

SOC Code	Occupation	High Priority and High Instructional Cost Programs			High Priority Occupation Programs			Noncredit Workforce Development Courses
		Associate Degrees	Certificate	Diploma	Associate Degrees	Certificate	Diploma	
11-2022	Sales Managers	0	0	0	1	1	0	5
13-1031	Claims Adjusters, Examiners & Investigators	0	0	0	1	0	0	0
13-1051	Cost Estimators	0	1	0	1	1	1	21
13-1061	Emergency Management Specialists	0	0	0	0	1	0	26
13-1151	Training & Development Specialists	1	0	0	2	1	0	0
13-1161	Market Research Analysts & Marketing Specialists	0	0	0	1	0	0	0
13-2011	Accountants & Auditors	0	0	0	1	0	0	0
13-2051	Financial Analysts	0	0	0	1	1	0	14
15-1121	Computer Systems Analysts	1	0	0	5	6	0	5
15-1131	Computer Programmers	0	0	0	6	1	0	0
15-1132	Software Developers, Applications	0	0	0	5	5	3	43
15-1133	Software Developers, Systems Software	0	0	0	2	2	0	4
15-1142	Network & Computer Systems Administrators	1	2	0	13	5	0	0
15-1150	Computer Support Specialists	3	2	0	27	13	3	1
17-2112	Industrial Engineers	0	0	0	0	0	0	2
17-2141	Mechanical Engineers	0	0	0	2	1	0	3
17-3011	Architectural & Civil Drafters	2	0	0	1	1	0	4
17-3013	Mechanical Drafters	5	1	0	0	0	0	0
17-3024	Electro-Mechanical Technicians	5	0	0	7	2	0	59
17-3026	Industrial Engineering Technicians	7	0	0	11	3	0	30
19-4021	Biological Technicians	5	1	0	19	5	0	4
21-1011	Substance Abuse & Behavioral Disorder Counselors	0	0	0	2	3	1	38
21-1014	Mental Health Counselors	0	1	1	3	7	0	2

**Programs and Courses Approved for 2014-2015 Academic Year
by SOC Code, Award and Stipend Category**

Table 2

SOC Code	Occupation	High Priority and High Instructional Cost Programs			High Priority Occupation Programs			Noncredit Workforce Development Courses
		Associate Degrees	Certificate	Diploma	Associate Degrees	Certificate	Diploma	
21-1021	Child, Family & School Social Workers	0	0	0	4	4	1	0
21-1022	Healthcare Social Workers	0	0	0	1	0	0	2
21-1023	Mental Health & Substance Abuse Social Workers	0	0	0	0	0	0	7
21-1091	Health Educators	0	0	0	1	0	0	18
23-2011	Paralegals & Legal Assistants	1	0	1	8	6	0	0
23-2091	Court Reporters	1	1	0	0	0	0	1
25-2011	Preschool Teachers	0	0	0	8	1	0	0
25-2054	Special Education Teachers, Secondary School	0	0	0	0	0	1	27
25-3021	Self-Enrichment Education Teachers	0	0	0	0	0	0	28
27-1024	Graphic Designers	3	2	0	4	0	0	0
27-2022	Coaches & Scouts	0	0	0	1	0	0	3
29-1051	Pharmacists	0	1	0	0	0	0	1
29-1111	Registered Nurses	13	0	0	0	0	0	7
29-1126	Respiratory Therapists	6	0	0	0	0	0	1
29-2012	Medical & Clinical Laboratory Technicians	6	1	0	2	2	0	1
29-2021	Dental Hygienists	6	0	0	1	0	0	0
29-2031	Cardiovascular Technologists & Technicians	2	0	0	0	0	0	4
29-2032	Diagnostic Medical Sonographers	4	0	0	0	0	0	0
29-2037	Radiologic Technologists & Technicians	8	2	0	1	0	0	2
29-2041	Emergency Medical Technicians & Paramedics	4	3	0	2	1	0	33
29-2052	Pharmacy Technicians	0	0	0	1	1	0	0
29-2055	Surgical Technologists	2	1	0	0	0	0	12

**Programs and Courses Approved for 2014-2015 Academic Year
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Table 2

SOC Code	Occupation	High Priority and High Instructional Cost Programs			High Priority Occupation Programs			Noncredit Workforce Development Courses
		Associate Degrees	Certificate	Diploma	Associate Degrees	Certificate	Diploma	
29-2056	Veterinary Technologists & Technicians	2	0	0	0	0	0	1
29-2061	Licensed Practical & Vocational Nurses	0	4	2	0	0	0	4
29-2071	Medical Records & Health Information Technicians	2	1	1	10	12	2	71
31-1011	Home Health Aides	0	0	0	0	0	0	11
31-1012	Nursing Aides, Orderlies & Attendants	0	0	0	1	1	0	2
31-2011	Occupational Therapist Assistants	1	0	0	1	0	0	32
31-2021	Physical Therapist Assistants	2	0	0	1	0	0	6
31-9091	Dental Assistants	1	3	1	0	0	2	0
31-9092	Medical Assistants	3	4	2	5	2	3	40
31-9097	Phlebotomists	0	1	0	0	0	0	0
33-1099	First-Line Supervisors, Protective Service Workers, All Other	0	0	0	1	0	0	127
33-3012	Correctional Officers & Jailers	0	0	0	3	1	0	16
33-3051	Police & Sheriff's Patrol Officers	0	0	0	1	1	0	1
33-9032	Security Guards	0	0	0	0	0	0	2
35-1012	Supervisors - Food Preparation & Serving Workers	8	3	2	9	3	3	57
35-2014	Cooks, Restaurant	1	1	1	2	2	0	2
39-3011	Gaming Dealers	0	0	0	1	0	0	0
39-9031	Fitness Trainers & Aerobics Instructors	1	0	0	1	0	0	3
41-1011	Supervisors - Retail Sales Workers	1	0	0	1	0	0	17
41-3021	Insurance Sales Agents	0	0	0	0	0	0	7
41-4012	Sales Representatives	0	0	0	10	5	1	17
41-9022	Real Estate Sales Agents	0	0	0	4	2	2	4

**Programs and Courses Approved for 2014-2015 Academic Year
by SOC Code, Award and Stipend Category**

Table 2

SOC Code	Occupation	High Priority and High Instructional Cost Programs			High Priority Occupation Programs			Noncredit Workforce Development Courses
		Associate Degrees	Certificate	Diploma	Associate Degrees	Certificate	Diploma	
43-1011	Supervisors - Office & Administrative Support Workers	1	0	0	9	4	1	0
43-3011	Bill & Account Collectors	0	0	0	0	1	0	0
43-3021	Billing & Posting Clerks	1	0	0	1	0	0	3
43-3031	Bookkeeping, Accounting & Auditing Clerks	2	1	0	19	13	3	1
43-4051	Customer Service Representatives	0	1	0	6	2	0	0
43-5061	Production, Planning & Expediting Clerks	0	0	0	0	1	0	14
43-5071	Shipping, Receiving & Traffic Clerks	0	0	0	0	0	0	4
43-6013	Medical Secretaries	0	0	0	0	0	0	1
43-6014	Secretaries & Administrative Assistants	1	0	0	15	9	2	2
43-9061	Office Clerks, General	0	0	0	0	0	0	7
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse	0	1	0	3	2	0	17
47-1011	Supervisors - Construction Trades & Extraction Workers	1	1	1	7	4	1	0
47-2021	Brickmasons & Blockmasons	0	0	0	0	0	0	0
47-2031	Carpenters	0	1	3	2	5	2	0
47-2061	Construction Laborers	0	0	0	0	0	0	22
47-2073	Operating Engineers	0	0	0	1	2	0	28
47-2111	Electricians	1	4	2	6	3	1	1
47-2141	Painters, Construction & Maintenance	0	0	0	1	0	0	1
47-2152	Plumbers, Pipefitters & Steamfitters	0	0	1	0	5	0	1
47-4011	Construction & Building Inspectors	0	1	0	2	1	1	8
47-5071	Roustabouts, Oil & Gas	0	1	0	0	0	0	1

**Programs and Courses Approved for 2014-2015 Academic Year
by SOC Code, Award and Stipend Category**

Table 2

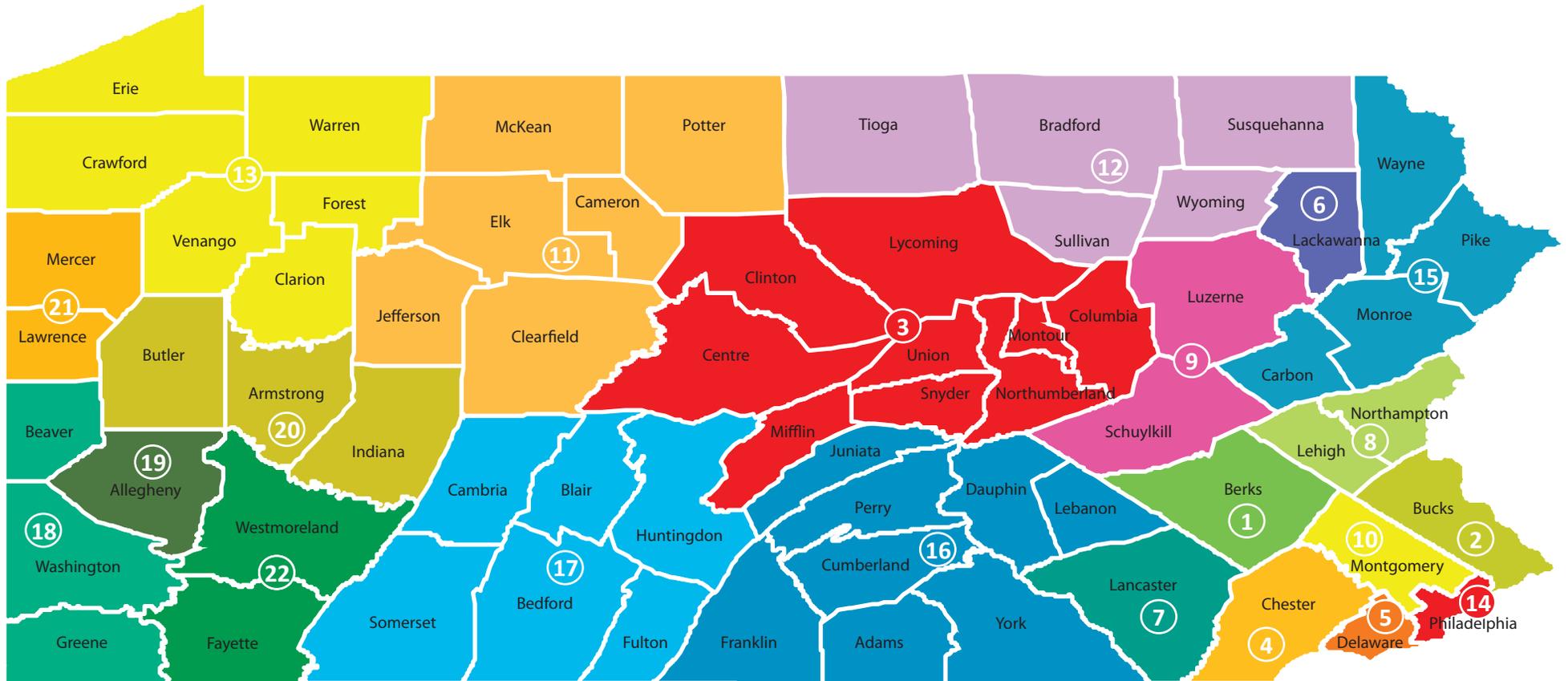
SOC Code	Occupation	High Priority and High Instructional Cost Programs			High Priority Occupation Programs			Noncredit Workforce Development Courses
		Associate Degrees	Certificate	Diploma	Associate Degrees	Certificate	Diploma	
49-1011	Supervisors - Mechanics, Installers & Repairers	0	0	0	0	0	0	6
49-2022	Telecommunications Equipment Installers & Repairers	0	0	0	1	3	0	12
49-3021	Automotive Body & Related Repairers	0	0	0	0	0	0	0
49-3023	Automotive Service Technicians & Mechanics	9	6	1	1	0	1	5
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	0	0	0	0	0	0	0
49-9021	Heating, Air Conditioning & Refrigeration Mechanics & Installers	5	4	3	3	2	0	1
49-9041	Industrial Machinery Mechanics	4	2	3	3	4	0	5
49-9043	Maintenance Workers, Machinery	0	0	0	0	1	1	0
49-9051	Electrical Power-Line Installers & Repairers	0	0	0	2	1	0	3
49-9071	Maintenance & Repair Workers, General	0	0	0	2	2	0	0
51-1011	Supervisors - Production Workers	1	0	0	3	0	0	19
51-3011	Bakers	1	1	0	0	0	0	1
51-4011	Computer-Controlled Machine Tool Operators	3	2	2	0	2	0	0
51-4012	Computer Numerically Controlled Machine Tool Programmers	0	0	0	2	1	0	0
51-4041	Machinists	3	1	1	2	4	0	3
51-4081	Multiple Machine Tool Setters/Oprs/Tenders, M&P	0	0	0	0	0	0	3
51-4121	Welders, Cutters, Solderers & Brazers	2	2	2	1	3	0	7

**Programs and Courses Approved for 2014-2015 Academic Year
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Table 2

SOC Code	Occupation	High Priority and High Instructional Cost Programs			High Priority Occupation Programs			Noncredit Workforce Development Courses
		Associate Degrees	Certificate	Diploma	Associate Degrees	Certificate	Diploma	
51-4191	Heat Treating Equipment Setters/Oprs, M&P	0	0	0	0	0	0	0
51-9061	Inspectors, Testers, Samplers & Weighers	0	0	0	1	1	0	1
53-1021	Supervisors - Helpers, Laborers & Material Movers	0	0	0	0	0	0	4
53-1031	Supervisors - Trans. & Material-Moving Machine/Vehicle Oprs	0	0	0	1	1	0	57
53-3032	Heavy & Tractor-Trailer Truck Drivers	0	0	0	0	0	0	0
53-3033	Light Truck or Delivery Services Drivers	0	0	0	0	0	0	18
53-7051	Industrial Truck & Tractor Operators	0	0	0	0	0	0	2
TOTAL		143	65	30	290	180	36	1,086

Pennsylvania Workforce Investment Areas (WIA)



- 1. Berks County WIA
- 2. Bucks County WIA
- 3. Central WIA
- 4. Chester County WIA
- 5. Delaware County WIA
- 6. Lackawanna County WIA
- 7. Lancaster County WIA

- 8. Lehigh Valley WIA
- 9. Luzerne-Schuylkill Counties WIA
- 10. Montgomery County WIA
- 11. North Central WIA
- 12. Northern Tier WIA
- 13. Northwest WIA
- 14. Philadelphia County WIA

- 15. Pocono Counties WIA
- 16. South Central WIA
- 17. Southern Alleghenies WIA
- 18. Southwest Corner WIA
- 19. Three Rivers WIA
- 20. Tri-County WIA
- 21. West Central WIA
- 22. Westmoreland/Fayette WIA