Pennsylvania’s SOARing Programs of Study (POS)
Pathways to College and Career Success
presented by:

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Pennsylvania Department of Education
Bureau of Career and Technical Education
Programs of Study (POS)

Definition

Programs of Study (POS) are state approved career and technical education programs that credit skills and tasks learned in high school or a Career and Technical Center (CTC) to a postsecondary degree, diploma or certificate; or an industry recognized certification.
Programs of Study

Programs of Study (POS)

Perkins Requirements

The Carl D. Perkins Career and Technical Education Improvement Act of 2006 required the development and implementation of career and technical programs of study (POS). Programs of Study incorporate the four following items:

1. secondary education and postsecondary education elements
2. coherent and rigorous content aligned with challenging academic standards and relevant career and technical content
3. a coordinated, non-duplicative progression of courses that aligns secondary education with postsecondary education to adequately prepare students to succeed in postsecondary education

4. the opportunity for secondary students to earn postsecondary education credits through articulation agreements with participating postsecondary institutions, which could lead to a diploma, certificate, associate degree, baccalaureate degree, or industry recognized credential
The logo adopted by the Pennsylvania Department of Education, Bureau of Career and Technical Education, for Programs of Study is:
Mission of SOAR:
The mission of SOAR (Students Occupationally and Academically Ready) is to prepare students for college and careers in a diverse, high performing workforce.
Benefits of SOAR:

- Save money on college tuition
- Save time by shortening college attendance
- Enroll in the proper career pathway
- Enter the job market prepared
- Obtain a consistent education
POS is “SOARing” in Pennsylvania

<table>
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<tr>
<th>POS</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
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<td>Approved Programs</td>
<td>256</td>
<td>808</td>
<td>1300+</td>
<td>1500+</td>
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<td>Adult - Health Articulations</td>
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<td>Postsecondary Members</td>
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<td>Adult – Health Program Members</td>
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<td>13</td>
<td>15</td>
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</tr>
</tbody>
</table>
POS Components on PDE Website

Background and Frameworks
  Phase I, Phase II, Phase III, Phase IV, and Phase V
Academic Crosswalks to PA Standards
Articulation Agreements
PDE Website link:
www.education.state.pa.us/portal/server.pt/community/programs_of_study/7686
Pennsylvania Programs of Study
Phase I

• Accounting Technology/Technician & Bookkeeping 52.0302
• Agricultural Mechanization, General 01.0201
• Carpentry/Carpenter 46.0201
• Child Care & Support Services Management 19.0708
• Dental Assisting/Assistant 51.0601
• Health/Medical Assisting Services, Other 51.0899
• Welding Technology/Welder 48.0508
Pennsylvania Programs of Study
Phase II

• Administrative Assistant and Secretarial Science, General 52.0401
• Autobody/Collision and Repair Technology/Technician 47.0603
• Automobile/Automotive Mechanics Technology/Technician 47.0604
• Commercial and Advertising Art 50.0402
• Computer Systems Networking and Telecommunications 11.0901
• Drafting and Design Technology/Technician, General 15.1301
• Electrical and Power Transmissions Installers, Other 46.0399
• Electrical, Electronic and Communications Engineering Technology/Technician 15.0303
• Graphic Communications, Other 10.0399
• Health Professions and Related Clinical Sciences, Other 51.9999
Pennsylvania Programs of Study
Phase II (continued)

• Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician 47.0201
• Machine Tool Technology/Machinist 48.0501
• Medical/Clinical Assistant 51.0801
• Sales, Distribution and Marketing Operations, General 52.1801
Pennsylvania Programs of Study
Phase III

- Biotechnology 26.1201
- Building/Property Maintenance 46.0401
- Cabinetmaking and Millwork 48.0703
- Computer Technology/Computer Systems Technology 15.1202
- Construction Trades, Other 46.9999
- Electromechanical Technology/Electromechanical Engineering Technology Technology 15.0403
- Homeland Security, Law Enforcement, Firefighting and Related Protective Services, Other 43.9999
- Institutional Food Workers 12.0508
- Logistics Materials and Supply Chain Management 52.0203
- Mason/Masonry 46.0101
Pennsylvania Programs of Study
Phase III (continued)

• Medium/Heavy Vehicle and Truck Technology/Technician 47.0613
• Plumbing Technology/Plumber 46.0503
• Vehicle Maintenance and Repair Technologies, Other 47.0699

Pennsylvania Programs of Study
Phase IV

• Communications Technologies/Technicians & Support Services 10.9999
• Engineering Technologies/Technicians 15.9999
• Management Information Systems and Business Data Processing 52.1201
Pennsylvania Programs of Study
Phase V

• Applied Horticulture/Horticultural Operations, General 01.0601
• Web Page, Digital/Multimedia and Information Resources Design 11.0801
• Baking and Pastry Arts/Baker/Pastry Chef 12.0501
• Criminal Justice/Police Science 43.0107
Perkins IV and Program Approval Requirements

- Template for POS
- Career Pathway to High Priority Occupations
- Scope and Sequence
- Integration of Academic Standards
- Industry Recognized Credentials
- Articulation with Postsecondary Institutions
- End of Program Assessments

www.education.state.pa.us
Program of Study

Process - Programs of Study

Program of Study -> Review Perkins Policy
Establish frameworks & process

Step #1 Development

High Priority Occupations, Industry Certifications (BCTE) -> Develop verified technical standards

Postsecondary articulation agreements

Scope & sequence

Academic alignment
Process - Programs of Study, continued

Step #2 Implementation

Build partnerships

Establish POS committees

Train school educators, counselors, and administrators

Signed articulation agreements placed on website

Program approval process

Perkins contracts

SOAR – Marketing plan
Process - Programs of Study, continued

Step #3 Assessment

- Develop & validate end of program assessments
- POS committees review NOCTI blueprints
- NOCTI finalized
- Write test questions
- Sites – administer pilot assessments
Step #4 Accountability

- Report data for POS indicators
- PIMS training for schools
- Schools review data & analyze
- Compile data on POS/Perkins

www.education.state.pa.us
Process - Programs of Study, continued

Step #5 Revise ment

- Update POS every 3 years
- Return to development state and start the process of revisions
- Articulation is also revisited and agreements are updated
Goals for the Task Validation Framework

Align POS CIP to program description and task list to meet:

- Industry Standards
- Common Core Competences
- Green Technologies (when appropriate)

The outcome of the task list will be utilized within several components of the POS process for:

- CTE Program Approval – Fulfill 339/Perkins standards
- CIP Description – Maintain PA CIP Codes website
- Postsecondary Articulations – Award 9 credits
- NOCTI Tests – Create blue prints for test development
Statewide Articulation for POS

This agreement outlines the general conditions between secondary and postsecondary institutions. The qualifications listed permits students to acquire postsecondary education credits leading to an industry recognized credential or postsecondary level certificate, diploma, associate or baccalaureate degree.
POS Student Documentation

Items Needed:

- Technical Core Courses
- GPA in Technical Core Courses
- End of Assessment Program Skill Certificate earned
- Secondary Competency Task List & Sign off Sheet
- Industry Certification(s) earned

- POS Documentation Items & signed POS coversheet
- Official Transcript
- Copy of Student Diploma

Postsecondary Admissions Office where student is applying

www.education.state.pa.us
Statewide Articulation Updates

- Examine SOAR Programs and award college level course credit in a CTE related POS leading to a postsecondary level certificate, diploma, associate or baccalaureate degree.

- Current Articulations - 477
- Out of State Agreements - 4
- Articulation Data Reporting
- www.GettingThemThere.com
For additional questions or information contact:

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