

## **Pennsylvania's SOARing Programs of Study (POS)**

### **Pathways to College and Career Success**

**presented by:**

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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 (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

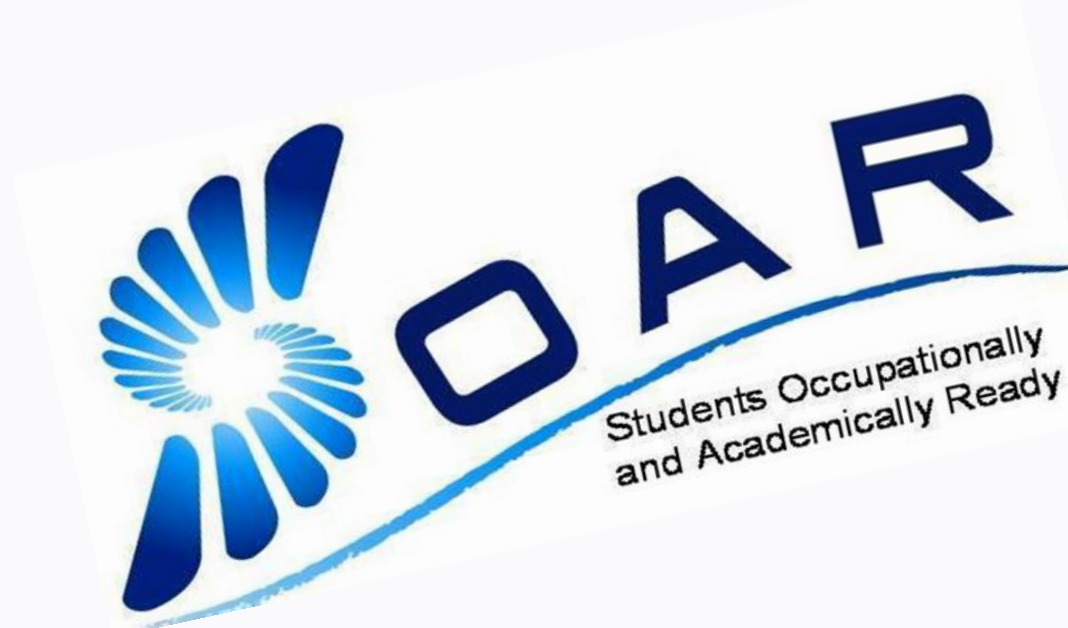


## Programs of Study (POS)

### Perkins Requirements (continued)

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

POS	2010	2011	2012	2013	2014	2015
Approved Programs	256	808	1300+	1500+	1500+	1500+
Articulations formed	75	168	274	365	508	403
Adult - Health Articulations	6	10	15	16	16	16
Postsecondary Members	28	28	30	32	32	32
Adult – Health Program Members	6	13	15	16	16	16





## 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](http://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 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



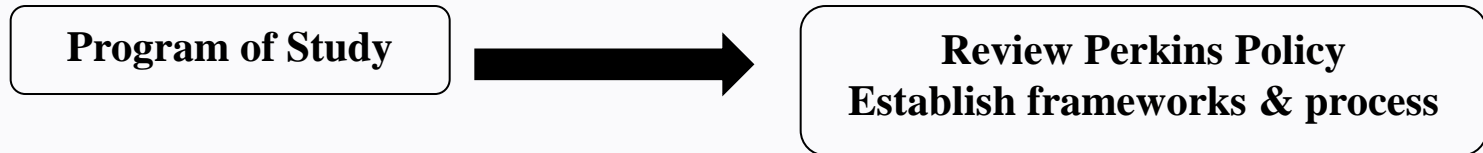
## Perkins IV and Program Approval Requirements

- 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

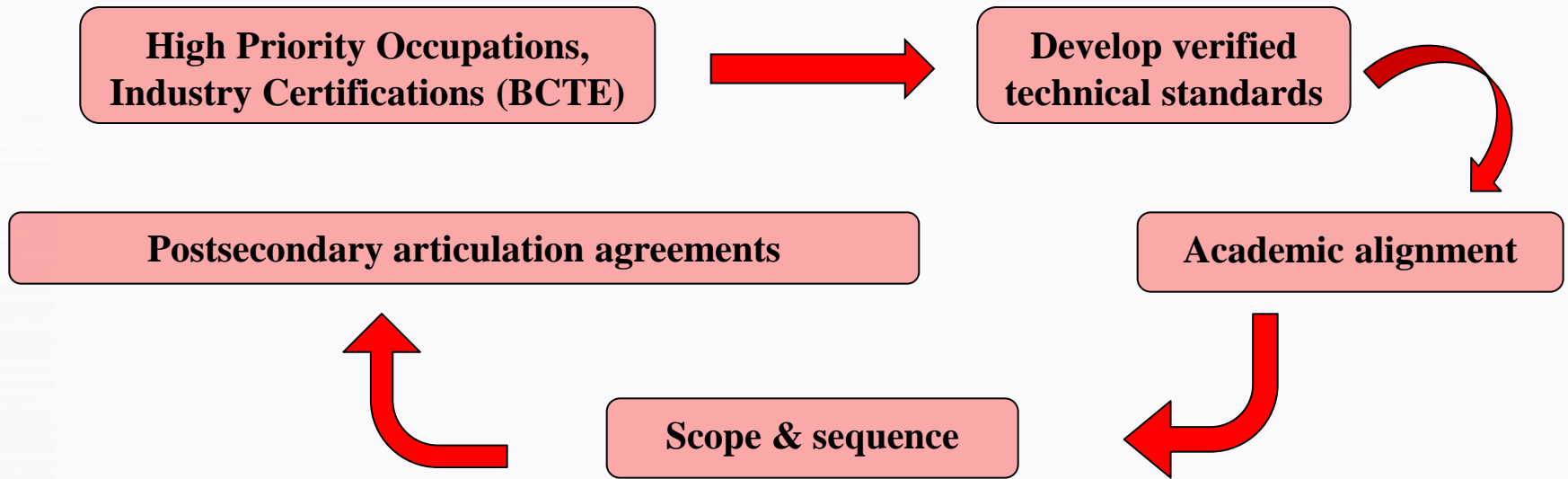




## Process - Programs of Study

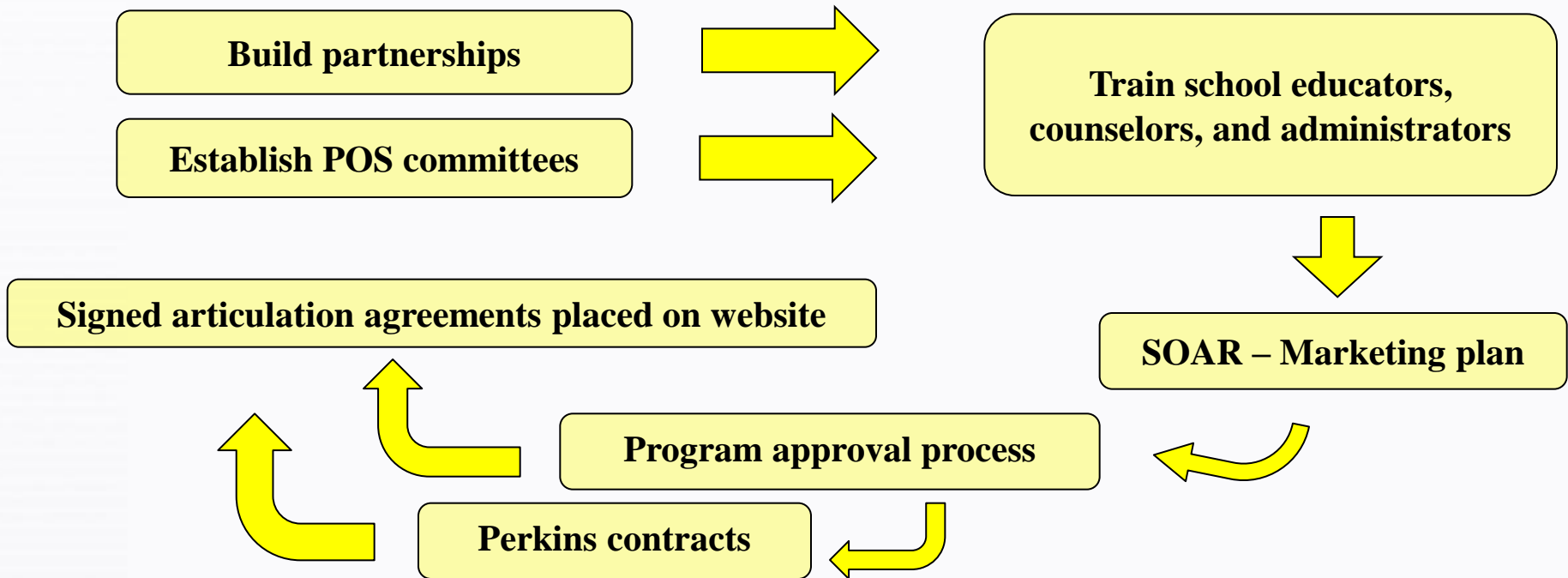


## Step #1 Development



## Process - Programs of Study, continued

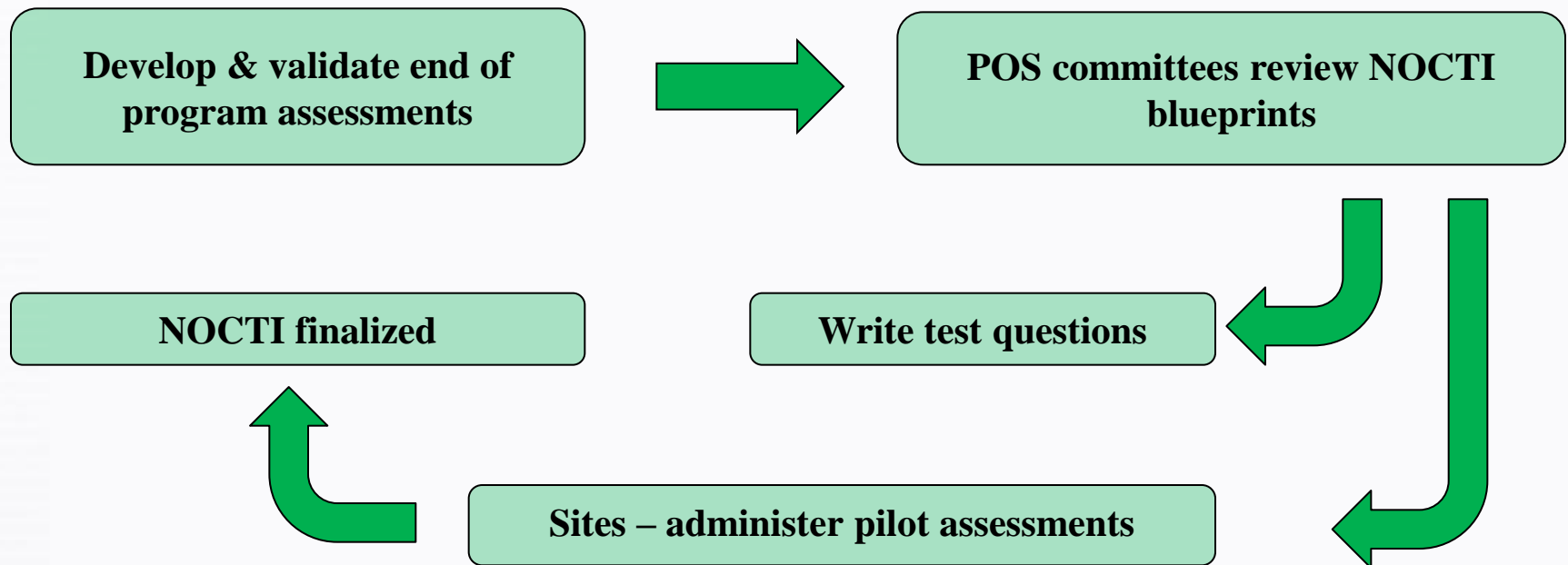
### Step #2 Implementation





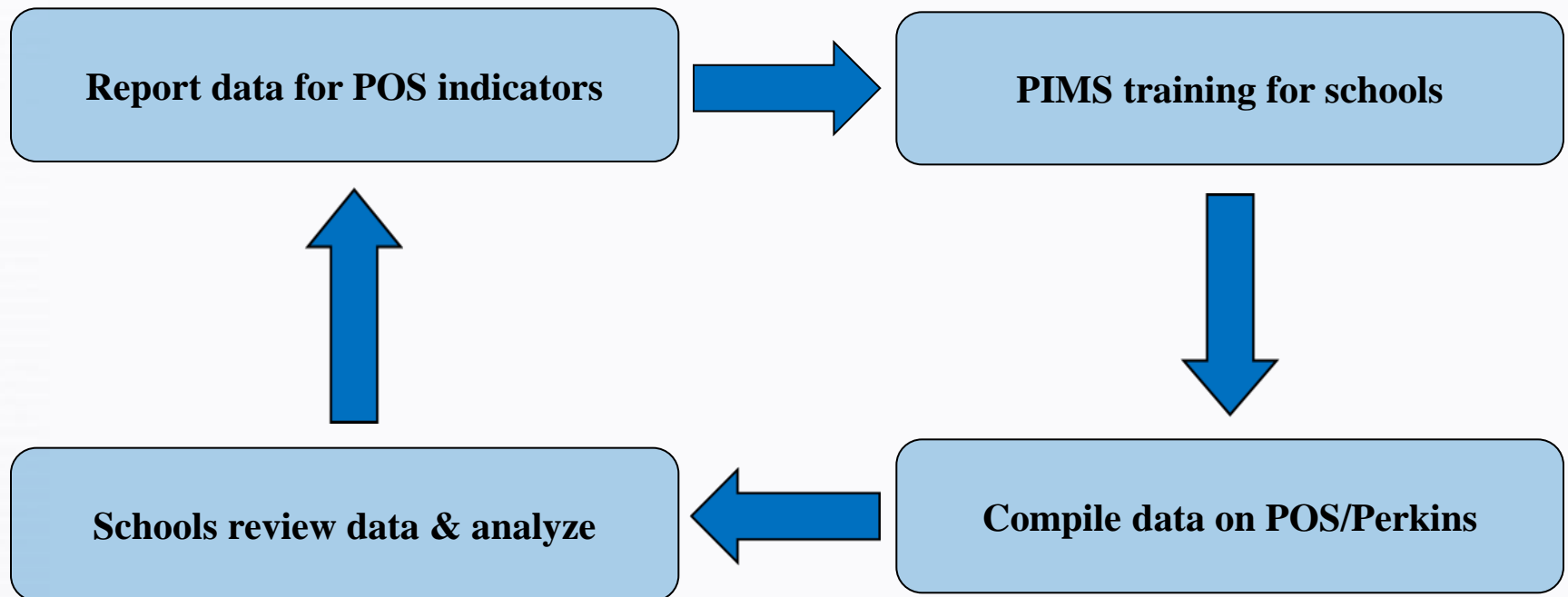
## Process - Programs of Study, continued

### Step #3 Assessment



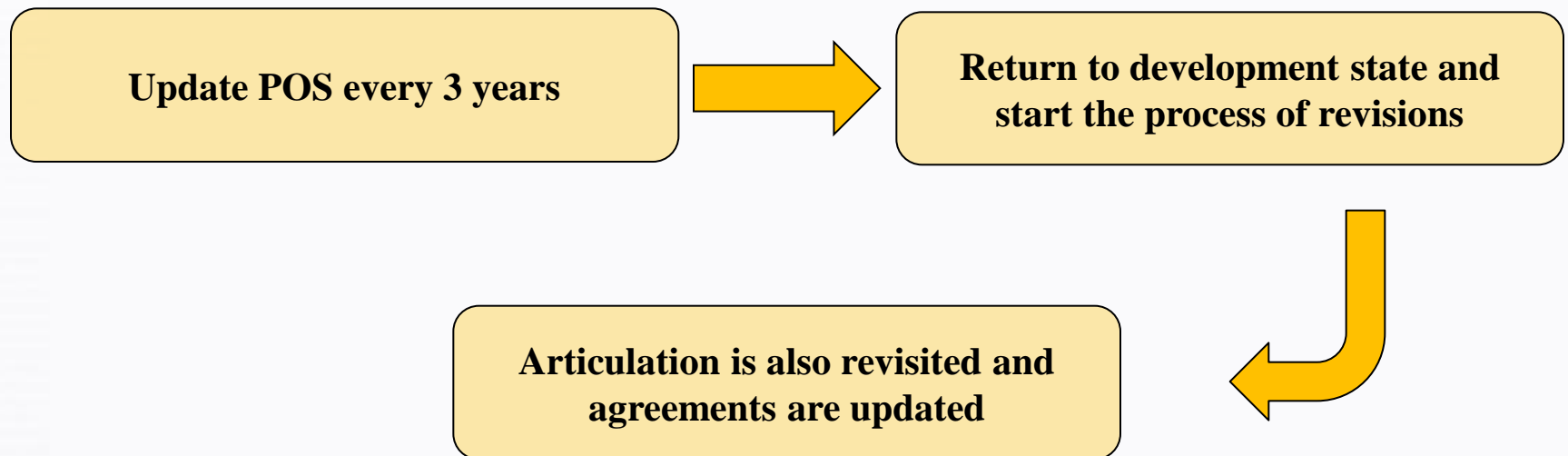
## Process - Programs of Study, continued

### Step #4 Accountability



## Process - Programs of Study, continued

### Step #5 Revisement



## **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

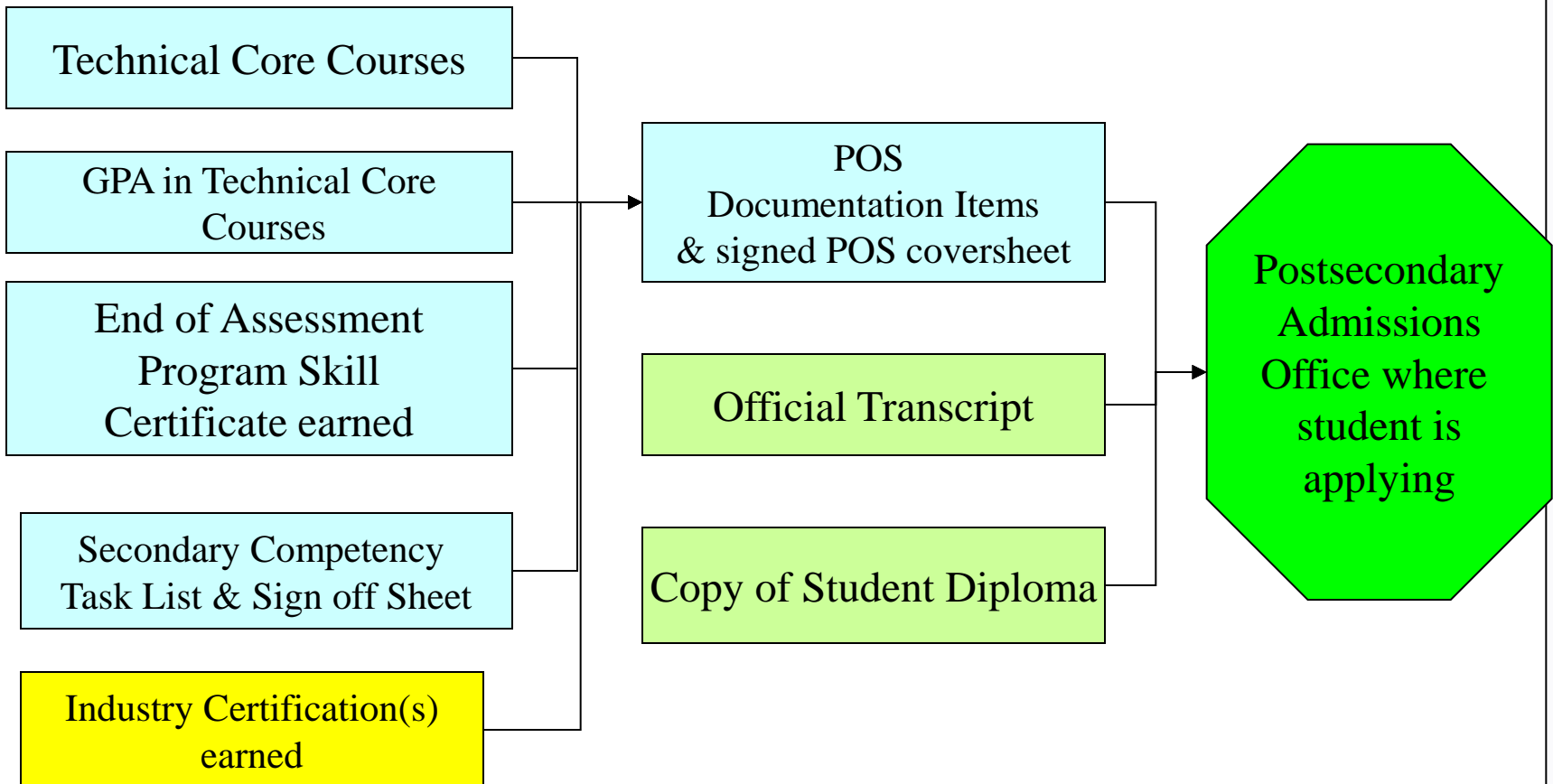
## Statewide Articulation for POS

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:





## 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](http://www.GettingThemThere.com)





## **For additional questions or information contact:**

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