



Pre-apprenticeships

Linda O'Connor

ROI

- For every \$1 an industry invests in an apprentice, the company receives over \$4 back in production after the first year.
- Individuals enjoy an 8% to 22% ROI in their apprenticeship programs based on the time and occupational path.

*“Review of Apprenticeship Research: A Summary of Research Published Since 2010
Institute for Employment, Research University of Warwick, U.K., July 2012”*

Ohio State Apprenticeship Council



Pre-apprenticeship Certificate

- Industry-recognized Credential List across career fields
- 12 Points to High School Graduation
- Eligible for ApprenticeshipOhio scholarships
- Articulates to post-secondary/journey person status

ApprenticeOhio

- **Ohio State Apprenticeship Council** - Registers Apprenticeship programs (Ohio 2nd to California) and apprentices
- Ohio has more than 19,000 registered apprentices in fields as diverse as: aerospace, construction, energy, health care, manufacturing, and utilities

Difference

Registered - Industry Aligned Standards
(nationally and internationally recognized)
through ApprenticesOhio

Unregistered (formalized training program) –
no validation of standards and apprentices
are not registered in the USDOL database

Recognized by – meets state standards and
utilizing some registered programs
(certificates) and scholarships

14 Secondary Schools

- Miami Valley Career Center CTEC
- Upper Valley Career Center Stebbins High School
- Southwestern City Schools Penta
- Grant Career Center Magnet
- Northwestern Local Schools YouthBuild
- Wayne County Career Center
- Cleveland Metropolitan School District
- Trumbull County Career Center
- Vanguard-Sentinel Career & Technology Centers
(Secondary and Adult)

Post-Secondary Sponsors

- Tri-C (Cuyahoga Community College)
- Rhodes State – Lima
- Columbus State Community College
- Marion Technical College
- Lorain County Community College
- North Central State
- Edison State – Piqua
- Sinclair Community College
- Stark State – Canton
- Washington State Community College

Sponsors

- Ohio Technical Centers (OTCs), secondary schools, post-secondary, trade associations, community organizations,

Models

Half-Days

One-Week

Two-Weeks

Ohio Revised Code 4109.07

- Restrictions on hours of employment
- No person under 16 may be employed more than 40 hours in any one week nor during school hours **unless** employment is incidental to a bona fide programs of vocational cooperation training, work-study, or other work-oriented programs with the purpose of educating students, and the program meets standards established by the state board of education. (ORC 4109 Hazardous tasks for minors)

ApprenticeOhio Concentration

- **Information Technology**
- **Business Services**
- **Healthcare**
- **Advanced Manufacturing**

Pre-Apprenticeship Program

- basic **technical** and **job-readiness** skills for a designated apprentice occupation – 144 hrs. classroom
- classroom and on-the-job (paid experience) – 120 to 900 hours
- to prepare participants for Registered Apprenticeship training.

Pre-apprenticeship Model

- Sophomore Year – Shadow Experience
- Begins Junior/Senior Year in High School (technical skills) – work full time during summer
- Senior Year (20-40 hours week) ORC 4109.07, half-day, one-week, two-week (on-off)

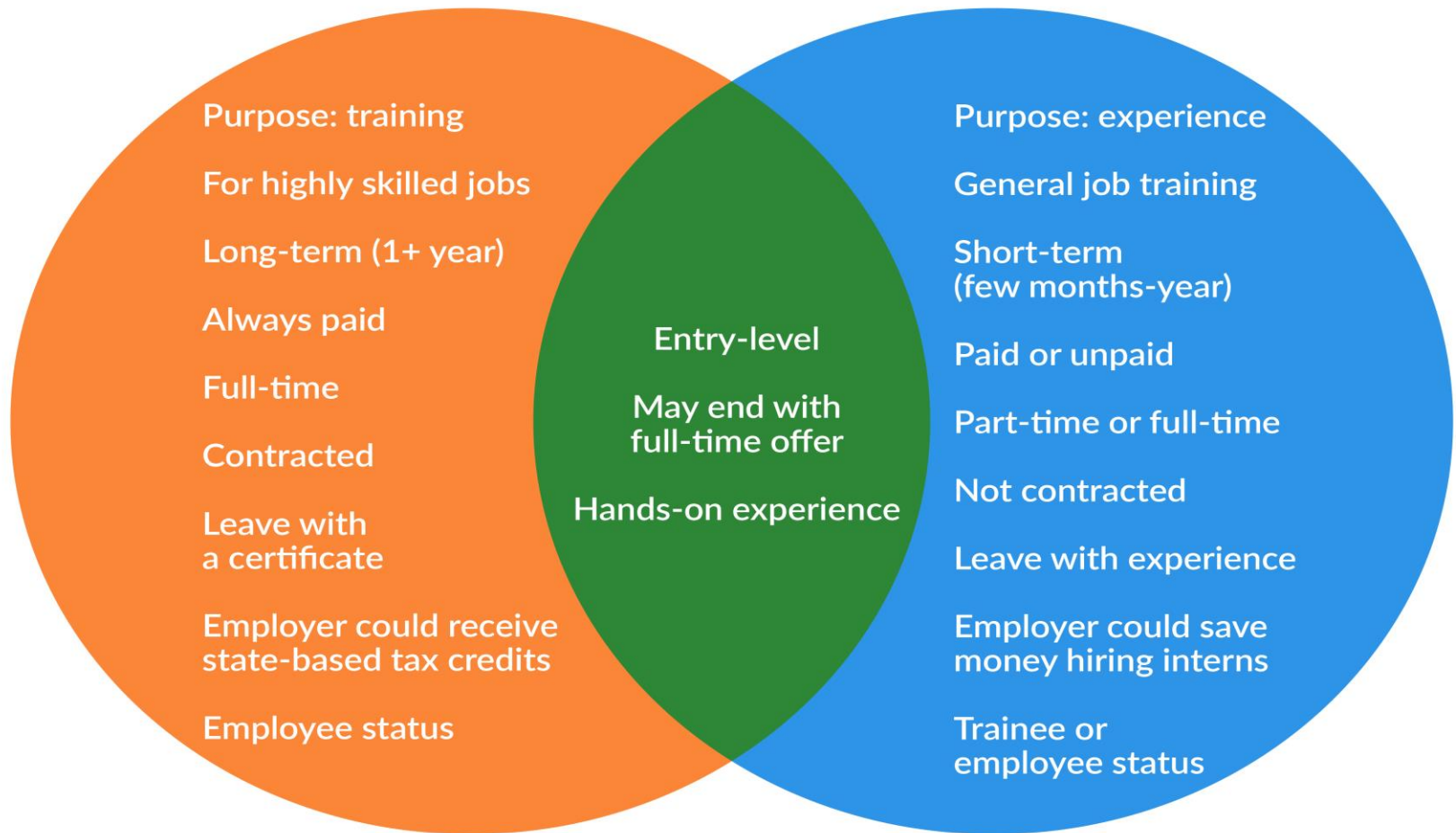
Multi-tiered Status

- Pre-apprentice (secondary level)
- Apprentice (at the company level)
- Employed
- Enrolled in an Apprenticeship Training Program with post-secondary (earning an associate degree)
- Simultaneously (no duplication of training)
- Little to no cost to the student

Apprenticeship

- An apprenticeship is a **formalized training** program of on-the-job training and related classroom instruction under the supervision of a **journey-level or trade professional craft person** aligned to a highly skilled occupational industry standards.

APPRENTICESHIPS + INTERNSHIPS



Co-ops

- **Co-operative Education (Co-op)** is a type of **internship** program that enables college students to receive career training with pay as they work with professionals in their major fields of study. Some high school students (e.g. Agriculture) participate in co-ops. Co-ops last longer than a semester and usually up to a year.

Recognition Application

- EEO Recruitment
- Enrollment
- Operating Plan = Instructional Content/Design (aligned with industry standards by occupation)
- More than one industry
- Reporting to the Council
- Safety
- Program Administration
- Linkage (Registered Apprenticeship Sponsors)

Forms/Models

<http://education.ohio.gov/Topics/Career-Tech/Apprenticeships-and-Internships>

Example: Trumbull Career Tech Center

- [TCTC Electrical Tech Pre-Apprentice Program Proposal](#)

Student-Parent Agreement

- List requirements and expectations:
- Attendance must be maintained at 95%
- Grade point average
- Transportation
- Absence
- Records that must be maintained
- Problems/Issues
- Safety/Employer Rules

Apprenticeship Agreement Employer-Student

- State all parties responsibilities: parent, student, teacher, coordinator, employer
- Wage
- Evaluation of Performance
- Training Plan Progress
- Related Instruction

Training Plan

- List job tasks/competencies that student will be performing/learning, aligned to class room competencies.
- Attach B.A.T. (Bureau of Apprenticeship and Training) standards for that occupation

New Subject Code

- **990365** – Pre-apprenticeships/CTE-26 funding application (not tied to recognition)
- May be used as the 4th course (no test) for concentrators (enrolled in third course)
- OJT Hours
- Program still requires 450 hours

Next Workshop

March 15 (9 – Noon)

C-Tec, Newark Ohio

Register: SAFE/STARS (CTE pre-apprenticeship)

Ohio Department of Education

Contacts

Office of Career-Technical Education

Linda O'Connor, Assistant Director
linda.OConnor@education.ohio.gov

614-644-6095