

ATPL-1040: PLUMBING HERITAGE

Cuyahoga Community College

Viewing: ATPL-1040 : Plumbing Heritage

Board of Trustees:

2012-06-28

Academic Term:

Spring 2019

Subject Code

ATPL - Applied Ind Tech - Plumbers

Course Number:

1040

Title:

Plumbing Heritage

Catalog Description:

Introduction to labor history and the roles of the apprenticeship, apprentice, journey person, local union and union contractors in the construction industry. Also discusses good work habits and skills needed to excel in the construction industry.

Credit Hour(s):

2

Lecture Hour(s):

2

Requisites

Prerequisite and Corequisite

Departmental approval: admission to Plumbers' apprenticeship program.

Outcomes

Course Outcome(s):

1. Discuss the history and influence that the unionized labor movement has had in the construction industry

Course Outcome(s):

2. Explain the roles of the apprenticeship and apprentices

Course Outcome(s):

3. Understand the importance of the roles that journeymen, local union and union contractors play in the construction world and to the apprentices

Course Outcome(s):

4. Identify good work habits and skills needed for the construction trades

Methods of Evaluation:

1. Quizzes
2. Test
3. Class participation

Course Content Outline:

1. History of the Labor Movement
 - a. Major Era's in Time
 - i. Pre-1900's
 - ii. 1900 – 1950's
 - iii. 1960's – Present
2. Formation of the United Association
 - a. History of different Pipe Trade Unions
 - b. Combining of Pipe Trade Unions
 - c. History of the AFL-CIO
3. Local Unions
 - a. History of Local Union
 - b. Representatives of the Local Union
 - c. Constitution and By-laws
4. Apprentices and Apprenticeships
 - a. Apprenticeships history
 - i. Middle ages
 - ii. Industrial Revolution
 - iii. Present
 - b. Regulations
 - i. Federal
 - ii. State
 - iii. Local Union
 - c. Role of Apprenticeship
 - i. Education and training
 - ii. Provide journeypersons
 1. Local union
 2. Contractor
 - d. Role of journeypersons
 - i. Leadership
 - ii. Training on the job
 - e. Role of the union
 - i. Curriculum development and implementation
 - ii. Contract negotiation
 - iii. Job placement
 - f. Role of the contractor
 - i. Employment
 - ii. Jobsite safety
 - iii. Contractual
 - g. Role of the apprentice
 - i. Positive attitude
 - ii. Academic responsibilities
 - iii. Stewardship

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Resources

Graces,W.V. *The Pipefitters Blue Book*. Revised. Webster,Tx., 2011.

Frankland, Thomas. *Pipe Fitter's and Pipe Welder's Handbook*. Revised. New York: McGraw-Hill, 2005.

State of Ohio. *2007 Ohio Plumbing Code*. Country Club Hills, IL : International Code Council, 2007.

Resources Other

1. www.theplumber.com/eng.html (<http://www.theplumber.com/eng.html>)
2. www.plumbersunionqld.com/index.php?...unionHistory (<http://www.plumbersunionqld.com/?...unionHistory>)
3. www.ua.org (<http://www.ua.org>)

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