

Barton Community College Plumbing Certificate Program Executive Summary

Project Overview:

Barton Community College recently signed a Memorandum of Understanding (MOU) with the Kansas Department of Corrections (KDOC). This MOU provides payment from the KDOC to Barton in the following areas: GED/ABE Services, Positions, Vocational/Academic Offerings, Supplies and Technology/Equipment. The original term of the MOU is from August 1, 2014 through June 30, 2017 with three – two year renewal periods. As part of the MOU, Barton proposed the implementation of two new vocational programs, Carpentry and Plumbing. These two new vocational programs are in addition to the vocational programs currently being offered at Ellsworth Correctional Facility and/or Larned Correctional Mental Health Facility; Manufacturing Skills, Certiport (IC³ Certification), Microsoft Office Certification and Welding. The goal of education, as outlined in the MOU, is to provide vocational training to the incarcerated population in line with the Kansas Department of Labor job demand and wage information. A large majority of inmates will release into Kansas communities, therefore, vocational/educational training will provide these individuals the opportunity to obtain family-sustaining employment upon release.

16 Hour Plumbing Certificate (Certificate A)

Most people are familiar with plumbers who come to their home to unclog a drain or install an appliance. In addition to these activities, however, plumbers install, maintain, and repair many different types of pipe systems. For example, some systems move water to a municipal water treatment plant and then to residential, commercial, and public buildings. Other systems dispose of waste, provide gas to stoves and furnaces, or supply air conditioning. Pipe systems in power plants carry the steam that powers huge turbines. Pipes also are used in manufacturing plants, such as wineries, to move material through production processes. In partnership with National Center for Construction Education and Research (NCCER) a 16 hour certificate has been developed. The certificate will require the completion of the following courses:

- Introductory Craft Skills- 3 credit hours
- Safety Orientation- OSHA 10- 1 credit hours
- Plumbing Safety- 2 credit hours
- Introduction to Plumbing- 3 credit hours
- Fixtures and Fittings- 4 credit hours
- Plumbing Systems- 1 credit hour
- Commercial Drawing- 2 credit hours

Upon successful completion of training, assessments and/or performance verifications, NCCER's National Registry records students' completions and issues the appropriate credentials. Students completing the 16 hour Plumbing Certificate will receive industry certification in

NCCER Basic/Core and Level 1 Plumbing. It is these portable, industry-recognized credentials that many industry leaders look for when making hiring decisions.

Respectfully Submitted by:

Jane Howard- Executive Director Business, Technology and Community Education

Mary Foley- Executive Director of Workforce Training and Economic Development

Tina Grillot- Coordinator of Industrial Technology

Will Rains- Coordinator of Correctional Education Services

September 25, 2014

Revised October 23, 2014