



FACILITIES OPERATIONS

CREDENTIALS AND COURSEWORK

Higher Ed Coursework (Year 3)

Course	Description	Approx. Cost*
HVA 100 Safety Training-Trades	Introduces the student the basic concepts of workplace hazards and the need for continuing education with regard to safety. The reasons behind confined space training and proper safety equipment will be covered.	\$800
HVA 104 Electrical Components	Covers electrical power distribution transformers capacitors relays and electric motors. Laboratory experiences consist of using electrical devices to electrical loads.	\$800
HVA 105 Electric for HVAC	Teaches resistance current voltage and power in AC and DC circuits; measurements; computations of series and parallel circuits; circuit analysis and troubleshooting with basic test equipment.	\$800
HVA 110 Fund. of Gas Heating	Introduces students to the fundamentals of gas heating. Students work in a classroom and shop environment. Topics include the basics of gas heating systems and basic code requirements for heating systems.	\$800
HVA 252 Building Automation	Covers operating and modifying an installed building automation system. This is a highly interactive course where you will learn and exercise common applications of a building management system.	\$800

Suggested Credentials

Credential	Organization	About	Exam Cost
Facilities Management Professional	International Facility Management Association	IFMA's Facility Management Professional (FMP) designation is a knowledge-based credential that will help to accelerate an FM's transition into the profession and demonstrate a proven comprehension of the foundations of facility management.	\$1850
Certified Professional Property Specialist	National Property Management Association	The Certified Professional Property Specialist (CPPS) Certification level examination consists of a 100-question, multiple-choice exam. CPPS exams cover 7 domains and 23 subdomains, written by subject matter experts.	\$435
Certified Site Supervisor	Building Service Contractors Association International	BSCAI's Certified Site Supervisor designation is a symbol of leadership excellence in the building service contractors industry. Additional titles for a Site Supervisor include Area Manager, Project Manager, Team Lead, Site Manager, and Lead Supervisor.	\$150

*Training and Higher Ed Coursework may vary based on the needs of the employer and the trajectory of the apprentice. The above information suggests a sample of what the apprenticeship would entail.