

## PROGRAM OF STUDY

### BUILDING COMMISSIONING TECHNICIAN Certificate of Achievement

The Building Commissioning Technician offers students the opportunity to learn the occupational skills needed by future entry-level commissioning technicians in the energy efficient building industry. Building Commissioning (Cx) is the process of verifying that a building's systems operate as intended. Commissioning Technicians (CxT) and Commissioning Agents (CxA) work in a team environment, coordinating directly with architects, engineers, subcontractors, and the building owner to oversee, examine, and verify that the building systems are designed, installed, and tested according to the project's design specifications. This certificate focuses on how the building commissioning process is applied to new and existing buildings. Students will learn the fundamentals of the commissioning process through each step of a construction project – from predesign to occupancy and operations. Courses in Heating Ventilation and Air Conditioning, Building Controls Automaton and California energy codes will provide the student an opportunity to discover all the stakeholders involve in the commissioning process.

### Career Opportunities in

1.Commissioning Technician 2.City inspector 3.City plans check clerk 4.Engineering assistant 5.Building Air balance technician

ESYS 002	Electricity and Electrical Theory	3
ESYS 006	Fundamentals of Building Commissioning	3
ACR 075	HVACR Systems Design	3
ACR 084	Boiler and Hydronic Heating	3
ACR 090	Building Automation Fundamentals	3
ACR 091	Advanced Building Control Networks	3
BIT 020	California Mechanical Codes	2
BIT 040	California Electrical Codes	2
ESYS 035	Advanced Lighting Controls	3

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**Total Units**

**25**

PID 362