Complete 8 of the following 10 classes.

- **101 Introduction to Construction Estimating**
  Develop foundational knowledge of the procedures, materials, equipment, and practices that are needed in estimating for any trade or type of construction.

- **102 Essential Construction Math**
  Develop mathematical skills through practice and application to the construction trade. Calculation of board feet, area, volume of shapes and concrete footings, slabs, and conversions are amongst the topics studied. While this class is not a prerequisite for any other classes, it does provide a foundation for them.

- **103 Construction Blueprint Reading**
  Learn how to read architectural, structural, civil, mechanical and electrical blueprints. Practice looking up information and solving common construction problems by reading the blueprints.

- **105 Estimating and Bidding 1**
  The first of two hands-on detailed estimating courses in which students learn how to estimate general conditions, site work, excavation, concrete and masonry. Be sure to look over the prerequisites for this class.

- **106 Estimating and Bidding 2**
  The second course features hands-on estimating and quantity take off activities associated with Metals, Wood, Doors and Windows, Finishes, Electrical, and Mechanical Estimating. You may take these courses in any order.

- **107 Construction Materials and Processes**
  Develop foundational knowledge of construction materials and processes that utilize these materials. Expand your studies to include materials and processes which are normally encountered by the student in his/her work place.

- **204P Contract Documents and Construction Law**
  Learn about common construction contract clauses and how to read a contract. Construction disputes, including differing site conditions, claims, delays and construction defects will be studied.

- **205T Planning and Scheduling**
  Learn and apply basic construction planning and scheduling skills. Prepare bar chart schedules and critical path schedules. Read complex project schedules, and understand the basics of project management by scheduling. Employ schedule acceleration methods.

- **206T Construction Productivity and Cost Management**
  Study construction costing and apply principles and practices associated with production control and cost awareness to each element of the project. Cost control begins with the estimate and continues through work and cost analysis, ending with project evaluation.

- **305 Building Green Buildings: The Contractor’s Perspective**
  This course provides construction professionals with information that will help them to effectively bid, contract, build and close out green building projects. Explore the green building process from the contractor and subcontractor’s points of view.