



- Mobile-friendly access for anytime, anywhere learning
- Educational specialists, and coaches available for support
- Set your own schedule and learn at your own pace

## YEAR 1

Career Readiness

Math for the Trades

- Addition and Subtraction
- Multiplication and Division
- Fractions, Percents, Proportions and Angles
- Metric System
- Formulas
- Introduction to Algebra

Practical Measurement

- Linear and Distance Measurement
- Bulk Measurement
- Temperature Measurement
- Energy, Force and Power
- Fluid Measurement

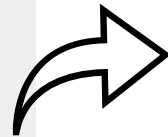
Trades Safety

- Trades Safety Introduction
- Working Safely with Chemicals
- Fire Safety
- Safe Handling of Pressurized Gases
- Working Safely with Electricity
- Material Handling Safety
- Advanced Electrical Safety

Introduction to the Building Trades

Introduction to Home Remodeling

Home Renovation



## YEAR 2

Understanding Construction Drawings

Site Preparation, Building Layout and Foundations

Building Materials and Fasteners

Tools and Scaffolds

Floors and Walls

Stairs and Older House Frames

Roof Framing

Cornices and Roofing

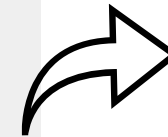
Windows, Doors and Siding

Insulation and Drywall Installation

Interior Finishes

Finish Floors and Ceilings

Cabinets, Appliances and Fixtures



## YEAR 3

Wiring

Plumbing and Heating

Bathroom Cabinets, Fixtures and Design

Drawings, Plans, Estimates and Contracts

Remodeling a Basement

Remodeling a Bathroom

Remodeling a Kitchen

Construction Estimating

- Introduction to Construction Estimating Using Excel
- The Quantity Takeoff, Construction Materials and Systems
- Putting Costs to the Estimate
- Finalizing the Bid and Advanced Estimating with Excel
- Construction Estimating with Excel Project

Residential Design Using AutoCAD

- AutoCAD Quick Review for Construction Drawing
- Floor Plans, Sections, Interior/ Exterior Elevations
- Site Plans, Schedules and lineweights
- Residential Drawing Submission
- Final Project

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