

Can't stay?

Contact our instructor about any aspect of our construction technology program via email or at the number listed below

Hope to see you next semester!

OCM BOCES Construction

Technology Department

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CONSTRUCTION TECHNOLOGY



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OCM BOCES



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Facts you need to know

This is a comprehensive introduction to all aspects of residential building construction from foundations to rough and finished carpentry. Skills will be taught through classroom instruction, hands-on training, job shadow experiences and a two-week internship with a local contractor, builder or home remodeling company. Topics will include hand and power tools, construction math, blueprint reading, masonry, rigging, electrical wiring, basic plumbing, framing, roofing and finishing. Hands-on projects will reinforce all classroom learning. A student tool kit will be provided which will include the fundamental tools of the trade.



Course Outline

Course Outline (cont'd)

Week 1:	Basic Safety Workplace Harassment Workplace Safety	Week 13:	Roof Framing (cont'd) Site Layout Friday Job Shadow
Week 2:	Construction Math Introduction to Hand Tools Introduction to Power Tools	Week 14 and 15:	Site Layout (cont'd) Exterior Finishing First Aid/CPR Friday Job Shadow
Week 3:	Power Tools (cont'd) Introduction to Blueprints OSHA Safety Training	Week 16:	Friday Job Shadow Exterior Finishing (cont'd) Roofing Application Friday Job Shadow
Week 4-5:	Introduction to Masonry Masonry Units and Installation Techniques	Week 17:	Stairs Friday Job Shadow Building Analyst (NYSERDA)
Week 6:	Placing Concrete Concrete Finishing	Week 18: Week 19	Job Skills Communication Skills Unit Projects Shop Clean Up Friday Job Shadows
Week 7:	Basic Rigging Electrical Safety Wiring—Commercial, Industrial and Residential	Week 22:	Internship
Week 8:	Electrical Wiring (cont'd) Plumbing Plastic Pipe/ Fittings	Week 23 thru 26:	
Week 9:	Copper Pipe and Fittings DWV Drain Vent and Waste		
Week 10:	Floor Systems		
Week 11:	Wall and Ceiling Framing Roof Framing		
Week 12:	Friday Job Shadow Roof Framing (cont'd) Friday Job Shadow		