



For more information contact:
Hazard Community and Technical College
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Hazard, KY 41701
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All applicants meeting the appropriate academic requirement and technical standards shall be considered equally for admission to a community college or any academic program thereof regardless of race, color, religion, sex, marital status, beliefs, age, national origin, sexual orientation, or physical or mental disability.

How to Apply

Please submit the following items to the Admissions Office

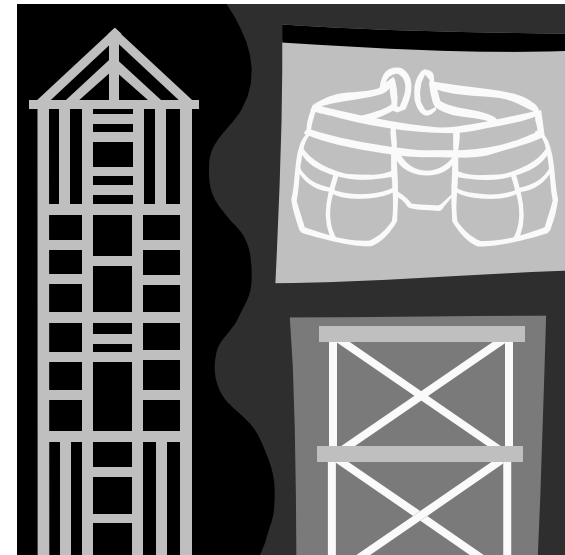
1. A completed HCTC admissions application.
2. Official high school transcripts or GED scores, as applicable.
3. Official transcripts from other non-KCTCS colleges or institutions you have attended, if applicable.
4. ACT scores, if available. If you have not taken the ACT or you did not receive an *18 or higher* in Writing, Reading, and/or Mathematics sections, you must take the COMPASS placement test, which is given at HCTC.

To contact the Admissions Office, call
800-246-7521, Ext. 73311.

www.Hazard.kctcs.edu



Construction Technology



CERTIFICATE: CARPENTER HELPER

Required:		
BRX 220	Blueprint Reading for Construction	3
CAR 126	Introduction to Construction	3
CAR 127	Introduction to Construction Lab	1
CAR 140	Surveying and Foundations	3
CAR 141	Surveying and Foundations Lab	2
CAR 190	Light Frame Construction I Floor and Walls	3
CAR 191	Light Frame Construction I Floor and Walls Lab	2
Total Credits		17

CERTIFICATE: RESIDENTIAL CARPENTER

Required:		
BRX 220	Blueprint Reading for Const.	3
CAR 126	Introduction to Const.	3
CAR 127	Introduction to Const. Lab	1
CAR 140	Surveying and Foundations	3
CAR 141	Surveying and Foundations Lab	2
CAR 190	Light Frame Const. I Floor and Walls	3
CAR 191	Light Frame Const. I Floor and Walls Lab	2
CAR 196	Light Frame Const. II Ceiling and Roofs	3
CAR 197	Light Frame Const. II Ceiling and Roofs Lab	2
CAR 200	Light Frame Const. III Exterior and Interior Finish	3
CAR 201	Light Frame Const. III Exterior and Interior Finish Lab	2
CAR 240	Light Frame Const. IV Cabinetry & Trim Carpentry Techniques	3
CAR 241	Light Frame Const. IV Cabinetry & Trim Carpentry Techniques Lab	2
Total Credits		32

CERTIFICATE: RESIDENTIAL ROOFER

Required:		
BRX 220	Blueprint Reading for Construction	3
CAR 126	Introduction to Construction	3
CAR 127	Introduction to Construction Lab	1
CAR 196	Light Frame Const. II Ceiling and Roofs	3
CAR 197	Light Frame Const. II Ceiling and Roofs Lab	2
Total Credits		12

CERTIFICATE: BASIC CARPENTER

Required:		
CAR 126	Introduction to Construction	3
CAR 127	Introduction to Construction Lab	1
Any five (5) additional credits (Program or Otherwise)		5
Total Credits		9

General Information

Carpenters are involved in many different kinds of construction activity. They cut, fit, and assemble wood and other materials for the construction of buildings, highways, bridges, docks, industrial plants, boats, and many other structures. Carpenters' duties vary by type of employer. Builders increasingly are using specialty trade contractors who, in turn, hire carpenters who specialize in just one or two activities. Such activities include setting forms for concrete construction; erecting scaffolding; or doing finishing work, such as installing interior and exterior trim. However, a carpenter directly employed by a general building contractor often must perform a variety of the tasks associated with new construction, such as framing walls and partitions, putting in doors and windows, building stairs, laying hardwood floors, and hanging kitchen cabinets.

Because local building codes often dictate where certain materials can be used, carpenters must know these regulations. Each carpentry task is somewhat different, but most involve the same basic steps. Working from blueprints or instructions from supervisors, carpenters first do the layout—measuring, marking, and arranging materials. They cut and shape wood, plastic, fiberglass, or drywall, using hand and power tools, such as chisels, planes, saws, drills, and sanders. They then join the materials with nails, screws, staples, or adhesives. In the final step, carpenters check the accuracy of their work with levels, rules, plumb bobs, and framing squares, and make any necessary adjustments.

Hazard Community and Technical College

The Associate of Applied Science Degree in General

Occupational/Technical Studies Guidelines

In order to receive this degree you must do the following:

Complete general education components (15 credit hours minimum in specified areas – Mathematics, Natural Sciences, Social/ Behavioral Sciences, Humanities/ Fine Arts, Writing/Assessing Information)

Complete computer literacy.

Complete 42 - 58 credit hours of technical course work (Industrial Technology, Business Technology, Health and Human Services or other).

Verify residency requirements – at least 25% of the approved curriculum credits (15 – 19 credit hours) must be completed at the institution granting the degree (degree total 60 – 76 credit hours)

Develop learner degree completion plan.

Technical courses to be utilized in this degree will be taken from the list of approved technical courses at Hazard Community and Technical College.

*Listing of General Education Requirements may be found in KCTCS catalog.

Hazard Community and Technical College Technical Campus

DIPLOMA: CONSTRUCTION CARPENTER

GRADUATION REQUIREMENTS

General Education Requirements:

Course	Code	Title	Credit Hrs
Area 1		Writing/Assessing Information, Oral Communications, Humanities, or Heritage	3
Area 2		Social Science, Behavioral Science, Natural or Applied Science, or Mathematics	3
Area 3		Computer Literacy course or demonstrated competency	0-3
Subtotal			6-9

Note: Computer Literacy must be demonstrated either by competency exam or by completing a computer literacy course.

Note: WPP200 or EFM 100 may be taken for 3 credit hours of Social Interaction to meet the Diploma General Education requirements.

Technical Requirements:

BRX	220	Blueprint Reading for Construction	3
CAR	126	Intro. to Construction	3
CAR	127	Intro. To Construction Lab	1
CAR	140	Surveying and Foundations	3
CAR	141	Surveying and Foundations Lab	2
CAR	190	Light Frame Construction I	3
CAR	191	Light Frame Construction I Lab	2
CAR	196	Light Frame Construction II	3
CAR	197	Light Frame Construction II Lab	2
CAR	200	Light Frame Construction III	3
CAR	201	Light Frame Construction III Lab	2
CAR	298	Practicum in Construction OR	(2)
CAR	299	Co-op in Construction	2
ISX	100	Industrial Safety	3
		Technical Electives*	10
Subtotal			42
Total Credits			48-51

*Technical Electives: (This list is not all inclusive. Other courses (technical or general education) may be taken as approved by Carpentry instructor.)

BRX	120	Basic Blueprint Reading	3
CAR	150	Construction Formwork	3
CAR	151	Construction Formwork Lab	2
CAR	198	Special Topics in Construction	1-6
CAR	240	Light Frame Construction IV	3
CAR	241	Light Frame Construction IV Lab	2