

AAS: Construction Technology | 90 Credits
Program Prerequisites:

- MTH 98 Quantitative Math (4 credits) or place into MTH 65 Beginning Algebra (4 credits)
- Placement into IRW 115 Integrated Reading & Writing or WR 115 Introduction to Expository Writing

Coursework (starting with the Construction Technology—Building certificate):

Course Number	Course Title	Prerequisites	Credits
Year 1 Fall			16
CT 100	Building Layout	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 102	Residential Concrete	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 103	Building Materials and Methods	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 104	Floor Framing	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
WR 115	Introduction to Expository Writing	placement into WR 115	4
Year 1 Winter			16
CT 105	Walls and Ceiling Framing	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 106	Roof Framing	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 110	Electrical Basics	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 111	Plumbing Basics	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
WR 121 or WR 121Z	Composition I	IRW 115 or WR 115 or equivalent placement	4
Year 1 Spring			13
CT 112	Basic Stair Construction	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 114	Windows and Interior Doors	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 115	Interior and Exterior Finishes	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
MTH 105 or MTH 105Z	Math in Society	MTH 65 or MTH 98 or equivalent placement. Prerequisite/concurrent: WR 121 or WR 121Z	4

Year 2 Fall			16
CT 230	Roofing and Siding	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 231	Sheetrock/Drywall Basics	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 232	Flooring Basics	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 233	Green Building Materials and Methods	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
	General Education	place into MTH 98 or MTH 65; pre/co WR 121 or WR 121Z	4
Year 2 Winter			16
CT 113	Deck Building	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 221	Advanced Materials and Methods	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 223	Fences, Handrails and Gates	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 243	Prints, Drawings and Plans	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
	General Education	place into MTH 98 or MTH 65; pre/co WR 121 or WR 121Z	4
Year 2 Spring			13
CT 222	Commercial Concrete	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 241	Hardware, Adhesives, Sealants and Flashings	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 242	Estimating Labor and Materials	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
	General Education	place into MTH 98 or MTH 65; pre/co WR 121 or WR 121Z	4
Total Quarter Credits			90

Coursework (starting with the Construction Technology—Finishing certificate):

Course Number	Course Title	Prerequisites	Credits
Year 1 Fall			16
CT 230	Roofing and Siding	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 231	Sheetrock/Drywall Basics	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3

CT 232	Flooring Basics	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 233	Green Building Materials and Methods	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
WR 115	Introduction to Expository Writing	placement into WR 115	4
Year 1 Winter			16
CT 113	Deck Building	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 221	Advanced Materials and Methods	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 223	Fences, Handrails and Gates	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 243	Plans, Drawings and Prints	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
WR 121 or WR 121Z	Composition I	IRW 115 or WR 115 or equivalent placement	4
Year 1 Spring			13
CT 222	Commercial Concrete	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 241	Hardware, Adhesives, Sealants and Flashings	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 242	Estimating Labor and Materials	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
MTH 105 or MTH 105Z	Math in Society	MTH 65 or MTH 98 or equivalent placement. Prerequisite/concurrent: WR 121 or WR 121Z	4
Year 2 Fall			16
CT 100	Building Layout	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 102	Residential Concrete	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 103	Building Materials and Methods	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 104	Floor Framing	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
	General Education	place into MTH 98 or MTH 65; pre/co WR 121 or WR 121Z	4
Year 2 Winter			16
CT 105	Walls and Ceiling Framing	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3



CT 106	Roof Framing	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 110	Electrical Basics	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 111	Plumbing Basics	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
	General Education	place into MTH 98 or MTH 65; pre/co WR 121 or WR 121Z	4
Year 2 Spring			13
CT 112	Basic Stair Construction	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 114	Windows and Interior Doors	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 115	Interior and Exterior Finishes	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
	General Education	place into MTH 98 or MTH 65; pre/co WR 121 or WR 121Z	4
Total Quarter Credits			90

General Education Requirements and Electives

General Education requirements for all Associate Degree programs can be found on pages 10-11 in the CGCC catalog at cgcc.edu/catalog, or on the General Education Requirements sheet.

General Education Electives can be found on pages 12-13 in the CGCC catalog at cgcc.edu/catalog.