

ADM102	Computer Aided Design	3
BUC112	Construction Measurements & Calculations	3
CMT170	HVAC Systems	3
CMT175	Electrical and Plumbing Systems	3

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Construction Technology CER

Construction certificate program prepares individuals to apply technical knowledge and skills to residential and commercial building construction and remodeling. Includes instruction in construction equipment and safety; site selection and layout; construction estimating; blueprint reading; building codes; framing; heating, ventilation, and air conditioning; electrical and mechanical systems; interior and exterior finishing; and plumbing.

Written Composition - 3 Credit Hours

Course	Title	Credit Hours
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BUC142	Construction Estimating	3
CMT101	Construction Materials and Methods	3

BUC141 - On-Grade Concrete Applications - Total Credit Hours 3

This course emphasizes techniques and principles required to design on-grade concrete forms. Topics include concrete curbs, edge forms, footing forms, concrete wall forms, concrete piers and columns, and templates with anchor bolts and dowels. Upon completion, students should be able to perform on-grade concrete slab forming, wall forming, curb forming, and set templates with anchor bolts.

BUC142 - Construction Estimating - Total Credit Hours 3

This course covers the procedures involved in planning and estimating a residential structure. Topics include labor and equipment with emphasis placed on quantity take-off of materials necessary to construct a residential structure. Upon completion, students should be able to accurately complete a take-off of materials and equipment needs and plan the labor to construct a residential structure.

BUC150 - Homebuilders License Exam Review - Total Credit Hours 3

This course prepares students to take the State Builders License exam for residential construction. Topics include basic residential frame and finish review, basic estimating, and associated areas. With appropriate field experience, upon completion, students should qualify to take the residential contractors exam. ~~2017-2018~~ ~~2018-2019~~ ~~2019-2020~~ ~~2020-2021~~ ~~2021-2022~~ ~~2022-2023~~ ~~2023-2024~~ ~~2024-2025~~ ~~2025-2026~~ ~~2026-2027~~ ~~2027-2028~~ ~~2028-2029~~ ~~2029-2030~~ ~~2030-2031~~ ~~2031-2032~~ ~~2032-2033~~ ~~2033-2034~~ ~~2034-2035~~ ~~2035-2036~~ ~~2036-2037~~ ~~2037-2038~~ ~~2038-2039~~ ~~2039-2040~~ ~~2040-2041~~ ~~2041-2042~~ ~~2042-2043~~ ~~2043-2044~~ ~~2044-2045~~ ~~2045-2046~~ ~~2046-2047~~ ~~2047-2048~~ ~~2048-2049~~ ~~2049-2050~~ ~~2050-2051~~ ~~2051-2052~~ ~~2052-2053~~ ~~2053-2054~~ ~~2054-2055~~ ~~2055-2056~~ ~~2056-2057~~ ~~2057-2058~~ ~~2058-2059~~ ~~2059-2060~~ ~~2060-2061~~ ~~2061-2062~~ ~~2062-2063~~ ~~2063-2064~~ ~~2064-2065~~ ~~2065-2066~~ ~~2066-2067~~ ~~2067-2068~~ ~~2068-2069~~ ~~2069-2070~~ ~~2070-2071~~ ~~2071-2072~~ ~~2072-2073~~ ~~2073-2074~~ ~~2074-2075~~ ~~2075-2076~~ ~~2076-2077~~ ~~2077-2078~~ ~~2078-2079~~ ~~2079-2080~~ 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