

# CIVIL ENGINEERING (CIV)

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**CIV 214: CAD-Civil 3D-Virtual Design (3)**

This course uses Autodesk Civil 3D program to produce virtual design and drawings for civil engineering projects. Drafting practices are used to prepare site plans, layout building sites, and develop construction drawings of infrastructure. Design and building information models are used for making estimates of quantities and cost, and for determination of constructability problems.

**Registration-Enforced Prerequisite:** DRF 112.

**Terms Typically Offered:** Spring

**CIV 280: CWE-Engineering (1-13)**

Qualified students work at training sites that provide experience appropriate to their major. These experiences will provide the opportunity for students to gain knowledge of the various tasks performed in their career field. A student may take any number of CWE credits per term, not to exceed 13 credits per year, except for students taking Occupational Skills Training (OST), which has a limit of 24 credits per year.

**Registration-Enforced Prerequisite:** Instructor approval.

**Terms Typically Offered:** Fall, Winter, Spring, Summer