CIVL1138 - CADD II: Plan Layout

Credits:	3 (2/1/0)
Description:	This course introduces students to industry-specific civil design software. Students will learn concepts relating to civil engineering drawings including topography, site planning, mapping and downloading survey data to create digital terrain models.
Prerequisites:	• CADD1102 OR • CADD1000
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Attach an aerial image below the plat lines for visual guidance of parcel placement. 2. Assemble survey point data. 3. Create a digital terrain model. 4. Create a contour style. 5. Create contours and finalize a contour map for a subdivision area. 6. Lay out a preliminary plan for subdivision design. 7. Create individual parcels for a subdivision following Minnesota platting statutes. 8. Define parcels using AutoCad Land Desktop commands. 9. Create necessary line label styles. 10. Create necessary line and curve tag styles. 11. Finalize the subdivision plat.
MnTC goal areas:	None

**Can be taking as a Prerequisite or Corequisite.*

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