

## 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:	<ul style="list-style-type: none"><li>• CADD1102</li></ul> OR <ul style="list-style-type: none"><li>• CADD1000</li></ul>
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"><li>1. Attach an aerial image below the plat lines for visual guidance of parcel placement.</li><li>2. Assemble survey point data.</li><li>3. Create a digital terrain model.</li><li>4. Create a contour style.</li><li>5. Create contours and finalize a contour map for a subdivision area.</li><li>6. Lay out a preliminary plan for subdivision design.</li><li>7. Create individual parcels for a subdivision following Minnesota platting statutes.</li><li>8. Define parcels using AutoCad Land Desktop commands.</li><li>9. Create necessary line label styles.</li><li>10. Create necessary line and curve tag styles.</li><li>11. Finalize the subdivision plat.</li></ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.