

## 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> <li>OR</li> <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.