

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">• CADD1102 OR <ul style="list-style-type: none">• CADD1000 |
| Corequisites: | |
| Pre/Corequisites*: | |
| Competencies: | <ol style="list-style-type: none">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.