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| Name: |  |
| Goal Sheet 6 (Date): |  |

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| Learning Goals/Accomplishments: | Learn fundamentals of CAD drawing  Learn fundamentals of 2D drawing for engineering/architecture  Learn fundamentals of 3D modeling for engineering/architecture |
| Timeline (Dates of specific accomplishments): | Week 2 – Four Objects from your room (sk, let,SW)  Week 4 – Simple 3D Models and Drawings  Week 6 – SolidWorks Tutorials – Solid Parts  Week 8 – SolidWorks Tutorials – Drawings  Week 10 – Semester Project Design  Week 12 – Semester Project Completed, Tested, Presented  Week 14 – 3D house – Floorplan, Foundation, Roof  Week 16 – 3D house – Elev, Sect  Week 18 – |

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| **Work Ethic / Initiative** | Scores |
| Points given based on the following criteria:  4 – only class-related computer/internet use  3 – up to 10 minute non-class-related computer/internet use  2 – more than 10 minutes non-class-related computer/internet use  1 – more than 10 minutes non-school-related computer/internet use/games  0 – more than 10 minutes playing games | /4 |
| Total Score (Maximum 48/40 on any goal sheet) | /40 |

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| **Assignments / To Do** | Scores (total normalized to 36 pts) |
| SolidWorks Tutorial – Housing Drawing   * Front view selected correctly (.5) * Views placed correctly using proper techniques (2) * Drawings done exactly with proper Dimensions shown (1) * Border, title, etc. (.5) | /4 |
| SolidWorks Tutorial – Side Cover Drawing | /4 |
| SolidWorks Tutorial – Top Cover Drawing | /4 |
| SolidWorks Tutorial – Offset Shaft Drawing | /4 |
| SolidWorks Tutorial – Worm Gear Drawing | /4 |
| SolidWorks Tutorial – Worm Gear Shaft Dwg | /4 |
| SolidWorks Tutorial – Exploded View Drawing | /4 |

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| **Competency Test(s)** | Scores |
| 5-69 (3 views, dimensioned) | /4 |
| 5-70 (3 views, dimensioned) | /4 |
| 5-68 (3 views, dimensioned) | /4 |

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| **Timeline Accomplishments / Tasks Done** | Date Completed |
| Project Parts Model and Drawings Complete |  |

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| **Leadership Activities** | Date | Points |
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