## ME450: Gantit Chart Workshifet

The basic purpose of a Gantt Chart is to break a large project into a series of smaller tasks in an organized way. The information in the chart will shows when each task should begin and how long it should take. The left-most column lists each of the tasks in chronoligical order according to their start time. The remaining columns show the timeline (shown here in weeks, but use whatever units are convenient for your project). For each row, a task is listed and a line in drawn through the timeline for the weeks during which that task will be addressed. Of course, some tasks take longer than others, so some weeks have more than one associated task.

| GRILLERATOR 2001 |  |  |  |  |  |  |  |  |  |  |
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| GANTT CHART |  |  |  |  |  |  |  |  |  |  |
| OCTOBER |  |  |  |  |  |  |  |  |  |  |
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|  |  |  | DESIGNATION |  |  |  |  |  |  |  |
|  |  |  | Team | atmemy |  |  | erson 4 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  | 10/2 | 10/5 | 10/8 | 10/11 | 10/14 | 10/17 | 10/20 | 10/23 | 10/26 | 10/29 |
| Research generators and absorbers for absorption cycle | mullum |  |  |  |  |  |  |  |  |  |
| Find a grill donor |  |  |  |  |  |  |  |  |  |  |
| Find a refrigerator donor |  |  |  |  |  |  |  |  |  |  |
| Oral report for Design Review 1 |  |  |  |  |  |  |  |  |  |  |
| Design Review 1: Proposal |  |  |  |  |  |  |  |  |  |  |
| Vacation |  |  |  |  |  |  |  |  |  |  |
| Find a way to charge the refrigerator |  |  |  | llw |  |  |  |  |  |  |
| Find ammonia for the system |  |  |  |  |  |  |  |  |  |  |
| Find a junkyard with old refrigerators |  |  |  |  |  |  |  |  |  |  |
| Look at junkyards for spare parts |  |  |  |  |  |  |  |  |  |  |
| Finalize design of refrigeration cycle |  |  |  |  |  |  |  |  |  |  |
| Finalize parts necessary for cycle |  |  |  |  |  |  |  |  |  |  |
| Grill should arrive |  |  |  |  |  |  |  |  |  |  |
| Refrigerator should arrive |  |  |  |  |  |  |  |  |  |  |
| Final thermodynamic calculations |  |  |  |  |  |  |  |  | mln |  |
| Discharge refrigerator |  |  |  |  |  |  |  |  |  |  |
| Determine necessary structural changes for grill |  |  |  |  |  |  |  |  |  |  |
| Finalize design of absorber |  |  |  |  |  |  |  |  |  |  |
| Finalize design of generator |  |  |  |  |  |  |  |  |  |  |
| Figure out how to split propane source |  |  |  |  |  |  |  |  |  |  |

Above is a sample Gantt Chart from a previous ME 450 team working on a combination grill / refridgerator. Obviously, the tasks they list are very specific to their project, but this should give you an idea of what a typical Gantt Chart looks like. Also, notice how they used a key to notate which tasks are accomplished by the team and which are accomplished by specific members of the team. While this is not necessary, it may be useful for some of you.

## ME450: Ganti Chart Workshifi

Team Name:

| Tasks | 9/23 | 9/30 | 10/7 | 10/14 | 10/21 | 10/28 | 11/4 | 11/11 | 11/18 | 11/25 | 12/2 | 12/9 |
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