

## ME 30 Computer Applications

Since this is the first homework assignment, the following will give you guidelines for how to format what you turn in.

### Physical Structure

- Use the Homework Template file available on the website.
- Fill out the cover sheet completely.
- Customize the footer of the Homework Template to put your own name, a unique file name, and the date of the current version. You can open the footer by double-clicking on it.
- Fill out one answer table per problem in the Homework Template. You can copy and paste the table as needed to cover all the questions.
  - The box labeled 'No.' is for the number of the problem as listed on the homework instructions (like this sheet below).
  - The box labeled 'H&R No.' is for the problem number from the Hanly-Koffman text (if applicable).
  - The box under the heading 'Problem Description' is for you to type a re-statement of what the problem is. This does not have to be a verbatim quotation of the full problem statement, but it should be complete enough that a peer of yours could understand what the problem was all about.
  - The box under the heading 'Answer' is for you to type your answer to the problem. Expand the size of the table as needed by dragging one of the border lines with the mouse cursor.

### Submission

- Use the Assignment Drop Box in CE8 to submit your homework, and do so before the deadline for each assignment. Note, once the deadline is reached, you will be unable to submit your assignment.

### Other Notes

- Re-read the section on Academic Integrity in the ME 30 Syllabus, so that you avoid violating the policy. Plagiarism and cheating will not be tolerated.

## HW #1: Basic Concepts

1. From the ME 30 website, what URL would you use to find selected answers to questions in the text?
2. From the ME 30 website, what URL might you use to find out about the contents of the math.h standard library?
3. What kind of logarithm functions are defined in math.h?
4. From the ME 30 syllabus, would copying a classmate's homework be considered plagiarism? Explain your answer.
5. From Hanly & Koffman (H&R), Chapter 2 Review Questions, p. 101-102
  - a. Problem 2
  - b. Problem 3
  - c. Problem 4
  - d. Problem 6
  - e. Problem 7
6. From H&R, Exercises for Section 2.6 on p. 87, Programming problem 1.