CE 3305 Engineering Fluid Mechanics
Exercise Set 0
Summer 2018 – GERMANY

Purpose: Demonstrate use of the on-line course resources and ability to upload assignments back to the learning management system.
Assessment Criteria: Completion score based on successful upload to class learning management system, and correct plot result in item 4 below.

Exercises

1. Visit the course umbrella website `http://theodore-macbookpro.ttu.edu/` and screen capture the June 20, 2018 post.
2. Take the link on the right margin index to the RTFM Learning Management Site `http://theodore-macbookpro.ttu.edu/moodle/` and screen capture the entry page. It may issue a password challenge, in which case meet the challenge and capture an image of the first content screen
3. Visit the on-line toolkit `http://theodores-pro.ttu.edu/mytoolbox-server/` and use the toolkit (Fluid Mechanics Tools) to determine the density of water at 40-degrees celsius. Screen capture the toolkit output.
4. Download and install **R** onto your laptop. Generate a simple plot using the following script instructions:

```
x <- c(0,1,2,3,4,5)
y <- x^2
plot(x,y,type="s")
```

Collect all the above results into a single PDF document and upload the document with your name and team mate names on the document. [1]

[1] Use this page (with your name added) as the cover sheet. File upload size is restricted to 8MB, so use reduced-file-size tools to meet this restriction.