

City University London
School of Engineering and Mathematical Sciences

Engineering Drawing and Design ME 1105

Exercise code: CAD-1
Exercise type: Individual
Exercise title: CAD Tutorial

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[CAD Tutorial - Part 1.pdf](#)
[CAD Tutorial – Part 2.pdf](#)

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[CAD Tutorial – Part 1.html](#)
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This exercise takes three weeks. It consists of two tasks:

- A) Learn how to use AutoCAD by performing steps explained in CAD Tutorial – Part 1 and CAD Tutorial – Part 2. This takes two weeks. You should submit you drawing generated in this exercise for marking.
- B) Make an AutoCAD drawing of the part from DrE-5. Prerequisite to this is that your paper drawing from DrE-5 is marked and corrected according to a tutor recommendation.

Time schedule for this exercise is:

1. Week 9 CAD Tutorial – Part 1
2. Week 10 CAD Tutorial – Part 2
3. Weeks 11 CAD drawing of the part from DrE-5

This exercise will be marked as follows:

Drawing to submit	Drawing name	Marks	Deadline for submission
A) Tutorial drawing	CAD Tutorial complete	3	Friday Week 10
B) CAD Drawing of DrE-5	CAD-1	12	Friday Week 11
		SUM	15

Objective is to learn how to use AutoCAD:

1. During the first week (Week 9) you will work in AutoCAD on CAD Tutorial – Part 1. When you finish it you can start immediately with CAD Tutorial – Part 2.
2. During the second week (Week 10) you should finish CAD Tutorial – Part 2 and submit it as soon as possible.
3. During the third (Weeks 11) you should make AutoCAD 2D model and manufacturing drawings of the part you have been drawing in DrE-5 using knowledge of AutoCAD learned in previous two weeks.

NOTE:

Before you can start doing the third part of this exercise, your exercise DrE-5 must be marked and you should keep hold of its paper copy. Your AutoCAD drawing should be exact copy of your corrected and marked paper drawing from DrE-5.

The absolute deadline for all coursework of Term1 is 24th December.
Do not miss the deadline since NO submission after it will be allowed.

Submission procedure:

- Coursework is submitted exclusively through CitySpace.
- Login to the City Space, go to module “Engineering Drawing and Design” and open the “Assignment toolbar” on the left hand side
- Submit the dwg file you produce in AutoCAD