

This is in addition to Departmental Course Outline. You can find it on the course site in OpenLab under Syllabus, or in the college site: <http://www.citytech.cuny.edu/mathematics/docs/courses/MAT1275.pdf>

## Syllabus

**Semester: Spring 2018 (Jan.29-May 24, 2017)**

**Instructor: Lucie Mingla**

**[LMingla@CityTech.Cuny.Edu](mailto:LMingla@CityTech.Cuny.Edu)**

**Office Hour: Mondays 11:40-12:40 pm**

**Room: N-824**

**Mat 1275/ Section D514**

**Time: Mo. Thu: 10:00-11:40 am**

**Room: N-703,**

### Grading Policy:

A = 93.0-100

A<sup>-</sup> = 90.0-92.9

B<sup>+</sup> = 87.0-89.9

B = 83.0-86.9

B<sup>-</sup> = 80.0-82.9

C<sup>+</sup> = 77.0-79.9

C = 70.0-76.9

D = 60.0-69.9

F = 0-59.9

There will be 3 exams and a final exam. Exams are in first 60 minutes of class. No extra time is given for students who arrive late. There are no makeup exams. A missed exam will be replaced with the final exam score.

**Three exams will wait 45 % of your score (15% each).**

**Final exam will weight 25 % of the final grade.**

A full period final examination is given the last class meeting of the semester. It covers all topics studied. It **must** be taken to pass the course.

**Homework Assignments, Quizzes and Other Assignments (20 % of grade)  
(The average score of HW, Quizzes and Research paper).**

Each student will be expected to solve homework problems on WeBWork website for every session during the semester. The final percentage in Webwork will be your score in the Homework.

**Desmos activity and the Project of trig functions STEM application (10%)**

You will have one session for desmos activity(If you don't finish it in class, you must finish it at home), and two weeks to work in groups of 5 students in your research project.

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Your research will be focused on real life applications of trig functions. The project will include writing information in powerpoint including tables, graphs, charts and media (videos pictures etc).

Preferable: Do your own experiment or application and describe the use of trig functions. Use Desmos.com to graph create tables etc.

There will be one session for presentations. Your presentation will be 10 minutes per group. Your presentation will be posted also on OpenLab in our class site.

A rubric will be used to grade you based on your performance in the preparation and presentation of project. Instructions and the rubrics will be posted in OpenLab.

Attendance will be taken. Lateness & students leaving before the end of the period will be recorded. If these become excessive for any of the students, the student may be asked to withdraw from the course.

Records should be kept by each student of all absences, grades received, exam papers, dates of the HW etc. Excuses for absences, lateness should be part of this record and need to be shown to the instructor after each occurrence.

Help is available during the office hours. If there is something you do not understand, get help immediately!

**Example of grade computation:**

Exams (45%)	Final exam (25%)	Desmos & Project (10%)	Homework, Quizzes Research Paper (20%)
90	88	90	65
70			75
80			70
<b>240/3=80</b>	<b>88</b>	<b>90</b>	<b>210/3=70</b>

$$80 \times 0.45 = 36$$

$$88 \times 0.25 = 22$$

$$90 \times 0.10 = 9$$

$$\underline{70 \times 0.20 = 14.0}$$

**Final Grade: 81.0 = B<sup>-</sup>**