**Syllabus**

**Semester: Fall 2018 (August 27-December 20, 2018)**

**Instructor: Lucie Mingla Mat 1275/ Section D169** **LMingla@CityTech.Cuny.Edu** **Time: MTW: 2:30-3:45 pm Room: N-816, Office Hour: Mo, We: 1:40-2:10**

**Grading Policy:**

A = 93.0-100 C⁺= 77.0-79.9 Aˉ= 90.0-92.9 C = 70.0-76.9 B⁺ = 87.0-89.9 D = 60.0-69.9 B = 83.0-86.9 F = 0-59.9 Bˉ= 80.0-82.9

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, and Quizzes).**

Each student will be expected to solve homework problems based on the syllabus for every session during the semester. The final percentage will be the average of the quizzes and the homework assignments.

**Research Project involving real life application(s) (10%)**

You will have one session for working on research about real life application. (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.

Your research will be focused on real life applications related to any of the topics learned in this course. 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 any of the concepts learned in class. 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%) | ProjectResearch Paper(10%) | Homework, Quizzes (20%)  |
|  90 | 88 | 90 | 65 |
| 70 |  |  | 75 |
| 80 |  |  | 70 |
| 240/3**=80** | **88**  | **90** | **210/3=70**  |

80 x 0.45 = **36** 88 x 0.25 = 22 90x 0.10= 9 70 x 0.20 = 14.0 **Final Grade: 81.0 = Bˉ**