## Syllabus for College Algebra and Trigonometry

## MAT 1275 - Section D526 - Spring 2017 (4 credits)

| Lecture:            | Mondays and Wednesdays 12:00 to 1:40 PM in room N716   |                    |                         |                    |   |  |
|---------------------|--|--------------------|-------------------------|--------------------|---|--|
| Instructor:         | Dr. Laura Ghezzi   |                    |                         |                    |   |  |
|                     | Office: N826   |                    |                         |                    |   |  |
|                     | Phone: (718) 260-4965  |                    |                         |                    |   |  |
|                     | E-mail: <u>lghezzi@citytech.cuny.edu</u>   |                    |                         |                    |   |  |
|                     | E-mail is the best way to contact me.  |                    |                         |                    |   |  |
|                     | webpage: <u>http://we</u>  | osupport1.citytech | .cuny.edu/faculty/igne: | <u>zzi/Gnezzi/</u> |   |  |
| OpenLab Site:       | https://openlab.citytech.cuny.edu/ghezzimat1275sp2017/   |                    |                         |                    |   |  |
| WeBWorK Site:       | http://mathww.citytech.cuny.edu/webwork2/MAT1275-S17-Ghezzi  |                    |                         |                    |   |  |
| Office Hours:       | Mondays and Wednesdays 11 AM-12 PM.<br>Other times may be available by appointment.  |                    |                         |                    |   |  |
| Prerequisites:      | MAT 1175 OR for new students, scores of at least 45 on the Pre-Algebra part and 45 on the Algebra part of the CUNY Assessment Test in Mathematics.   |                    |                         |                    |   |  |
| Text:               | Custom Text by McGraw-Hill containing material from  |                    |                         |                    |   |  |
|                     | <i>Intermediate Algebra,</i> 3 <sup>ra</sup> edition, by J. Miller, M. O'Neill and N. Hyde, and <i>Trigonometry</i> , 2 <sup>nd</sup> edition by John Coburn.  |                    |                         |                    |   |  |
| Course Description: | An intermediate and advanced algebra course. Topics include quadratic equations, systems of linear equations, exponential and logarithmic functions; topics from trigonometry, including identities, equations and solutions of triangles.   |                    |                         |                    |   |  |
| Calculator:         | You will need a scientific calculator with trigonometric functions. No phones are allowed in the classroom.  |                    |                         |                    |   |  |
| Evaluation:         | PLEASE READ CAREFULLY !!! Your grade will be based on the following:   |                    |                         |                    |   |  |
|                     | <u>Three one-hour exams</u> worth each 20% of your grade;<br>A one session <u>comprehensive final exam</u> worth 25% of your grade;<br><u>Note</u> : No books, notes, phones, etc. are allowed during exams. You are not allowed to leave the classroom during the exam.<br><u>Homework</u> (assigned through the online homework system <b>WeBWorK</b> ) worth 15% of your grade.                       |                    |                         |                    |   |  |
|                     |  |                    |                         |                    |   |  |
|                     |  |                    |                         |                    |   |  |
|                     |  |                    |                         |                    |   |  |
|                     |  |                    |                         |                    |   |  |
|                     | Our course is located at: <u>http://mathww.citytech.cuny.edu/webwork2/MAT1275-S17-Ghezzi</u><br>An email with username and password is sent before the first day of class.   |                    |                         |                    |   |  |
|                     |  |                    |                         |                    |   |  |
|                     | Make sure you check your City Tech email!<br><u>Class work</u> (extra-credit). A list of homework problems from the textbook is distributed on the first day of class.<br>After a section has been covered in class, students should do the problems suggested for that section. <u>You can</u><br>check your answers in the Student Answer Appendix in the book. Students can yolunteer to put homework |                    |                         |                    |   |  |
|                     |  |                    |                         |                    |   |  |
|                     |  |                    |                         |                    |   |  |
|                     | solutions on the board (such homework problems must have been previously worked out in student's notebook<br>Students will also work on class activities and present solutions on the board.   |                    |                         |                    |   |  |
|                     |  |                    |                         |                    |   |  |
|                     | of your grade.   |                    |                         |                    |   |  |
|                     | Most of the questions I ask in exams are closely related to the homework<br>and to the examples shown in class.  |                    |                         |                    |   |  |
|                     |  |                    |                         |                    |   |  |
| Grading:            | The grading scale will be no worse than what is shown in the table below and the grades will not be curved.  |                    |                         |                    |   |  |
|                     | 93.0-100   | А                  | 77.0–79.0               | C+                 | 1 |  |
|                     | 90.0-92.9  | A-                 | 70.0–76.9               | C                  | 1 |  |
|                     | 87.0-89.9  | B+                 | 60.0–69.9               | D                  | 1 |  |
|                     | 83.0-86.9  | B                  | 0–59.9                  | F                  | 1 |  |
|                     | 80.0-82.9  | B-                 |                         |                    | 1 |  |

|                     | <b>Example of grade computation</b> . Suppose you got 80 in Exam 1, 58 in Exam 2, 73 in Exam 3, 65 in the Final Exam, 90 in WebWorK. Then $80^{(.20)+58^{(.20)+73^{(.20)+65^{(.25)+90^{(.15)}=71.95}}$ and your semester grade is C.  |   |  |  |  |  |
|---------------------|---|---|--|--|--|--|
|                     | There will be <b>no 'make–up'</b> exams. Unless a value<br>related travel such as athletic or academic competi-<br>receive the score 0. Students must look at this sylla<br>NOT a valid excuse. If a student misses an exam for<br>an appropriate authority (not a family member), the  | <i>d excuse</i> (medical or family emergencies, University<br>tions) <i>is presented in advance, a missed exam will</i><br>abus carefully and plan well ahead: <i>personal travel is</i><br>or a valid reason and provides a written verification from<br>at percentage of the grade may be made up on the final. |  |  |  |  |
|                     | No extra time will be given in exams to students who arrive late.<br><u>Students must take the final exam in order to pass this class</u> . No student will be<br>allowed to take the final exam early.   |   |  |  |  |  |
| Attendance:         | You are expected to attend all class meetings and you are responsible for all the material covered.<br>Attendance is required and will be taken. Lateness and students leaving before the end of the period will be recorded. When these exceed the 10% margin allowed by the College (3 absences per semester), they will result in grade reduction, and in excessive cases, in a request to withdraw from the course. The official Mathematics Department policy is that two latenesses (this includes arriving late or leaving early) is equivalent to one additional absence.<br>The instructor reserves the right to make any changes she considers academically advisable. Any changes in this syllabus will be announced during class meetings and students are responsible to be aware of them. Students who miss a class meeting should obtain all the information for that meeting from a classmate. <u>Attendance and active participation in class will be taken into consideration while computing the final grade</u> .                           |   |  |  |  |  |
| Available help:     | You are encouraged to come to my office hours for help. Extra help is available in the Learning Center in AG 18: <u>http://websupport2.citytech.cuny.edu/learningcenters/</u>   |   |  |  |  |  |
| Important dates:    | See http://www.citytech.cuny.edu/registrar/academic-calendar.aspx   |   |  |  |  |  |
|                     | Sunday, February 5Last day to drop cSunday, February 12Last day to drop cSunday, February 19Last day to drop cThursday, April 20Last day to offici  | lasses with 75% tuition refund.<br>lasses with 50% tuition refund.<br>lasses with 25% tuition refund.<br><b>ally withdraw with "W" grade</b> .  |  |  |  |  |
| Academic Integrity: | New York City College of Technology Policy on Academic Integrity<br>Students and all others who work with information, ideas, texts, images, music, inventions, and other<br>intellectual property owe their audience and sources accuracy and honesty in using, crediting, and citin<br>sources. As a community of intellectual and professional workers, the College recognizes its responsib<br>for providing instruction in information literacy and academic integrity, offering models of good practi<br>and responding vigilantly and appropriately to infractions of academic integrity. Accordingly, academic<br>dishonesty is prohibited in The City University of New York and at New York City College of Techno<br>and is punishable by penalties, including failing grades, suspension, and expulsion. The complete text of<br>the College policy on Academic Integrity may be found in the catalog.<br>Note: Students using notes, phones or looking at another student's work etc. during an exam will<br>earn the grade 0 (zero) on that exam. |   |  |  |  |  |