

IMPORTANT INFORMATION

INSTRUCTOR: L.MINGLA

LMingla@CityTech.Cuny.Edu

Time, place: M, W: 8:50 - 10:30 am

Office Hour: Tuesdays: 9:30-10:30 am

Room# 454

Grading Policy:

A = 93.0-100	C ⁺ = 77.0-79.9
A ⁻ = 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
B ⁻ = 80.0-82.9	

Exams weigh 60% of grade.

Note: Students who are failing should consider withdrawing officially before 04/23/2015 to avoid an “F” or “WF”

There will be 5 exams = a final exam. The lowest of 5 exam grades will be dropped. Exams are in first 30 to 50 minutes of class. No extra time is given for students who arrive late. No makeup exams. A missed exam will count as 0 and will be the lowest grade that is dropped.

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 (5 % of grade)

Each student will be expected to put 10 homework problems on the board during the semester. Each will count 0.5 % of the final grade. Homework must be worked out previously in the student’s notebook.

Other Assignments (10 % of grade)

There will be five assignments that will be collected and graded. Papers will be graded on correctness, neatness, and organization. They

should be on 8¹/₂ x 11” paper. Each problem should be numbered and appear in correct order with all the steps shown. Answers should be clearly labeled and. Papers copied from another student will receive 0. Late papers will be penalized by deducting 10points for each session beyond the due date the assignment is submitted.

Attendance will be taken. Lateness & students leaving before the end of the period will be recorded. If these become excessive, 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 not be shown to the instructor after each occurrence.

Help is available during the office hours. Do not wait until the night before the exam to get help. If there is something you do not understand, get help immediately!

Example of grade computation:

Exams	Final exam	Assignments	Homework
90	88	85	6 out of
70		90	Required 10
80		95	
80		80	60%
50 ← drop		100	
120/4 = 80	88	450/5 = 90	60

80 x 0.60 = **48**

88 x 0.25 = **22**

90 x 0.10 = **9**

60 x 0.05 = **3**

Final Grade: 82 = B⁻

Mat 1175 Assignment sheet

Textbooks:

1) Intermediate Algebra, Custom Edition. J. Miller, M. O'Neill and N. Hyde (2011) Mc Graw Hill

Note: The **bold** assignments will be graded.

Exam 1 Integrated Algebra

Linear equations & Polynomials (10 sessions)

P. 321 # 22,24, 48,59,78, 80,99, all 105-111.

P. 141 # 19-39 (odd).

P.54 # 53-60.

P. 168 # 24, 30, 38, 45-61 (odd).

P.249 # 44-58 (even)

P.55 # 35, 40,46,52.

P.263 # 16,2,8,30; p331 374,76,79,93.

P. 441 # 58,59,61,67.

P.243 # 98,100,102,103, 104.

P. 352 # 41,48,54,61,72,82.

P. 361 # 60-66 all, 70,73.

P.374 # 52,53,55,60, 63,68,70,72,85, 98, 101.

P. 384 # 65, 67,69,72,79,82.

P.398 # 47,51,52,57,63

Exam 2 (Midterm Exam)

Integrated Algebra

Rational Expressions & Radical Equations (7 S)

P. 425 # 64,70,74,77,79,82,84;

P.49 # 26,32,34.

P.439 # 30,34,48,64,71.

P. 447 # 15,23,27,31,40,56.

P. 456 # 40, 44, 53,57, 61,65,69,73.

P. 500 # 45, 49, 53,59,67,74.

P.516 # all 78-84.

P. 521 # 65-83 (odd) Mixed exercises

P.529 #69-99 (odd) Mixed exercises.

P.539 # 63-85(odd).

P. 548 # 45, 48,51,54,57,60,63,66.

P.581 # 17,18,,26,32.

P.596 # 52,54,60,58,64.

P.597 # 69-85 (odd) Mixed review .

2) Elementary College Geometry. H. Africk (1997). Thomson Learning

Exam 3

Geometry

Triangles & Parallelograms, (8 Sessions)

P. 339 # 6,8,12,16, 18.

P.348 # 6,12,13,16,18,22,23,28.

P.28 # 18-22 (even).

P.44 # 8-14 (even).

P.250 # 9-14.

P. 56 #12-18 (even).

P.266 # 19, 22, 24.

P.72 #2-6 (even).

P.82 #12-18 (even).

P. 94 # 14-22, 26 (even).

P.112 #12, 14.

P.118 # 9-14.

P. 140 # 10, 14,16.

P.258 #8,10,12, 14.

P.161 #6,8,12.

P. 173 #20, 22.

P. 193 #10,12,16

Project: P. 194-196. A specific Task will be given

Exam 4 (Geometry)

P. 16 #22-289 (even)

P.28 # 24,26,27;

P.44 # 20-26, (even).

P.250 # 18-23.

P.57 # 18-26 (even).

P.266 # 9-16 (all).

P.82 #20-26 (even).

P.209 #14-24 (even).

P. 259 #9-14(all).

P.267 # 17-24 (all).

P.224 # 10,14,18,20.

P.238 # 42-46. & P.259 #9-14

P. 265 #9, 11,17,2223, P.342 #all 6-8

Final Exam

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INSTRUCTOR: L.MINGLA

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Room# 454

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PDF available from:

<http://websupport1.citytech.cuny.edu/faculty/tradler/precalculus.html>

Exam 1 Absolute Value

1.5 # (a) – (f) (P.11)

1.7 # (g) – (j) (P.12)

2.2 # (a) – (f) (P.29)

3.5 # (a) – (d) (P.45)

3.9 # (a) – (j) (p. 47)

4.4 # (a) – (f) (P.62)

5.4 # (c) – (e) (P.74)

6.5 # (d) – (e) (P.84)

7.4 # (c) – (e) (P.96)

Review of functions and graphs 1.1-1.10 (P.98-99)

Exam 2 (Midterm Exam)

Polynomials & rational expressions

8.4 # (e) – (g) (P.112)

8.5 # (a) – (e) (P.112)

9.5 # (d) – (f) (P.129)

10.5 # (j) – (k) (P.145)

11.5 # (a) – (c) (P.168)

Review of Polynomials & Rational Expressions 11.1- 11.10 (P.182).

13.3 # (a) – (h) (P.198)

Exam 3

Exponential & Logarithmic Functions

14.4 # (h) – (j) (P.207)

14.5 # (h) – (k) (P.207)

15.2 # (a) – (d) (P.214)

16.3 # (f) – (i) (P.227)

17.2 # (a) – (f) (P.249)

18.4 # (e) – (f) (P.261)

20.3 # (a) – (h) (P. 283)

Review of Trigonometric Functions

Exercise: IV.1 – IV.10 (P.284)

Text: ``Precalculus'' Thomas Tradler and Holly Carley, Second Edition, available on www.lulu.com

Final Exam

All the previous topics of study including Complex Numbers.

21.5 # (e) – (f) (P.297)

21.7 # (e) – (f) (P.298)

22.5 # (a) - (c) (P.310)

23.6 # (a) – (d) (P.324)

24.4 # (d) – (h) (P.336)

24.5 # (e) – (f) (P.336)

25.5 # (e) – (f) (P.346)

Review Complex Numbers, Sequences & Binomial Theorem V.1 – V.10 (P.348)

The **Final Exam** includes all the topics of study.

Important Note: All the **bold** assignments will be collected and graded.