



**Communicating Computations
Learning Community – Fall 2008
ENGL099/MATH090 – Section LC1**

Instructors:

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Office Hours:

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M: 3⁰⁰ – 5⁰⁰

T: 8⁵⁰ – 9²⁰, 10⁵⁰ – 11²⁰, 3⁰⁰ – 4³⁰

W, F: by appointment

R: 8⁵⁰ – 9²⁰, 10⁵⁰ – 11²⁰

Texts:

Foundations First, Sentences and Paragraphs with Readings, 2nd Edition, by Laurie Kirszner and Stephen R. Mandell

Math Facts, Szymanski

Math 090 Workbook, Szymanski

Math 090 Reference Sheet, (yellow) – optional

Required Materials:

Dictionary, thesaurus, e-mail account, internet access, and flash drive are required for the English component.

A journal and a calculator are required for the Math component. The calculator may be used in quiz numbers 7 through 12, as well as in most labs. Any calculator that has a square root is sufficient, however, a Texas Instruments TI-34 or TI-34II is recommended. If you are buying a calculator for this course, then the TI-34II is suggested, but any calculator will work.

Course Description:

The English component helps students develop essential writing skills. The focus is on writing organized paragraphs using correct grammar and punctuation. An introduction to the development of a five- paragraph essay is included in this class. Students must receive at least a “C” grade to pass and to take additional English courses.

Math 090 enhances students’ fluency with basic, everyday math. The topics include:

- Whole numbers: Powers of whole numbers, powers of ten, order of operations, rounding
- Signed numbers: Number line, Operations rules for signed numbers
- Fractions: Definition, changing mixed numbers into improper fractions, equivalent fractions, operations with fractions, squaring fractions and square roots of fractions
- Decimals: Decimal place value, operations with decimals, rounding, changing fractions to decimals and decimals to fractions, multiplying decimals by fractions and mixed numbers
- Ratios and Proportions: Meaning of ratios, unit rate problems, meaning of proportions, cross product of equivalent fractions, solving proportions for the unknown term, solving word problems dealing with proportions, employing conversion ratios to change units

- Percents: Definition, changing fractions to percents and percents to fractions, changing decimals to percents and percents to decimals, solving the three types of percent problems, solving percent word problems
 - Geometry: Pythagorean theorem, circle formulas, area of surfaces, volume of solids
- Students must receive at least a “C” grade to pass and to take additional Math courses.

Course Objectives

During the English segment of the learning community:

1. Students will master the basic writing skills indispensable for success in their college careers.
2. Students will build self-confidence by learning to write effectively.
3. Students will develop an appreciation for written expression as an integral part of human communication.

The Math component of the course is intended to

1. refresh your memory on whole number operations
2. get you familiar with fractions, percents, decimals, ratios, and introduce operations of signed numbers
3. approach word problem solving and get you comfortable with the use of language in connection with math

Attendance

Attendance at all classes and labs is mandatory for this course. New York State and Federal Policy requires attendance for financial aid eligibility to demonstrate that the student is in pursuit of program. Attendance will be taken daily, at the beginning of each meeting, and will be part of your grade. If you miss more than 10 lectures/labs then you will automatically receive a grade F. If you quit attending during the semester (that is, you don't show up for class for three consecutive meetings without notifying us) you will be administratively withdrawn from the course. Administrative withdrawals will affect your future ability to receive financial aid. If you need to be absent for class, you must notify us ahead of time by e-mail, phone, or simply by leaving a message for us with the secretaries in Suite 220. Excused absences are only documented absences due to illness, court appearance, military obligation, or other emergency.

Responsibilities

You have a responsibility to attend class, do your homework on time, ask questions when you don't understand, seek extra help when you need it, read the textbook, and notify us (ahead of time when possible) if you must miss a quiz. We have the responsibility to teach the course coherently, answer your questions when they arise, return test and assignments promptly (usually a week), and be available for extra help during office hours.

Classroom Conduct

Students are expected to assist in maintaining a classroom environment that is conducive to learning. In order to assure that all students have the opportunity to gain from time spent in class, unless otherwise approved by the instructor, students are prohibited from engaging in any other form of distraction. Inappropriate behavior in the classroom shall result, minimally, in a request to leave class.

Student Accommodations

It is the College's policy to provide, on an individual basis, reasonable accommodations to students with disabilities, which may affect their ability to fully participate in program or course activities or to meet course requirements. Students with disabilities are encouraged to

contact Carolyn Boone, Coordinator of Access and Equity Services, Suite 130, at (607) 844-8222 X4283 or boonec@tc3.edu to discuss their particular needs for accommodations. The Baker Center for Learning (BCL) is an excellent tutoring service open Monday through Friday for anyone that would like additional help or just a place to study. Hours of operation and specific tutoring schedules, (by subject are), in the BCL and online at: <http://www.tc3.edu/bcl/tutorschedule.asp>.

Statement of Academic Integrity

All writing assignments must be the original work of the student. Plagiarism is the use of another person’s ideas and words as one’s own. Cases of plagiarism will be reported to the Academic Dean with a recommendation for strong action.

Diversity

TC3 supports and encourages diversity. The Diversity and Equity Action Council (DEAC) has been established to address issues related to this matter and to engage members of the college community in activities encouraging awareness and unity. If you have any questions, concerns, suggestions, ideas, or would like to participate, you may discuss those with me as I am an active member of the group.

Snow Day

Tests or exams missed due to a snow day will be given on the next meeting of the class.

Assessment Testing

In the first meeting of class students will be required to write an essay to determine that students have been properly placed.

There is also going to be another Math assessment test administered during the first meeting of class. If you answer 84% or more of the questions correctly, you may drop MATH090 and add another Math course required by your program.

The last week of classes, you will be assessed again on your math skills, through an EXIT TEST. All students are required to take the EXIT TEST (this is not a final exam – you still have to take this one even if you manage to get exempt from the final exam). A student that does not take the EXIT TEST will receive a grade F in MATH090.

GRADE CALCULATION:

English

| | |
|------------------------------|-------------|
| 8 Paragraphs | 50% |
| 2 Essays | 10% |
| 4 Grammar Quizzes | 20% |
| Attendance and Participation | 10% |
| Final Exam | 10% |
| TOTAL | 100% |

Letter Grade:

| | |
|------------|--------------|
| A =94-100% | B- =80-83% |
| A- =90-93% | C+ =77-79% |
| B+ =87-89% | C = 70-76% |
| B =84-86% | F =Below 70% |

Students must pass the in-class paragraph final to pass the course. Please note that a “C” is a passing grade in this course.

Math

Quizzes:

- There will be 12 Quizzes during the semester, on the average one quiz per week.
- Every Quiz will be worth 20 points, for a total of 240 points towards your final grade.
- If you wish, you may RE-TAKE a quiz. You will only have this option ONCE FOR EVERY QUIZ NUMBER. The highest grade will prevail.

Retakes:

- In the case you need to re-take you will need to get a RE-TAKE TICKET from me.
- You have two weeks after you receive your graded paper to use up your chance to re-take that quiz number.
- Re-take tickets expire a week after they are handed out.
- To re-take a quiz you will need to go to the Baker Center, **with your student ID**, and present the re-take ticket to the receptionist. You will sign in and you will be given a test and pointed to the designated area for re-takes. You can take the re-take any time you wish during the week before the expiration date, as long as you go during the hours of operation of the Baker Center. The Baker Center is located in Room 190, next to the Cafeteria.
- Re-take quizzes do not include bonus questions. All in-class quizzes include a 2-point bonus question (for a total of 22 pts each).
- All re-takes of quizzes need to be submitted to the Baker Center by 11:00 am May 7, 2008.

Lab Exercises:

One of the four credits of MATH090 is dedicated to organized lab exercises.

- There will be 13 point-bearing labs during the semester (one per week – Lab #14 does not count towards your grade).
- Each lab will be worth 10 points if you attend all 50 minutes of it.
- If you are more than 10 minutes late, or you wish to leave more than 10 minutes early, you will only earn 5 points for that lab.
- The 10 highest point labs will be taken into account for your final grade for a maximum total of 100 points.
- LAB EXPERIENCES CANNOT BE MADE UP.

Attendance:

- Each meeting will count for two points towards your grade (we meet for two hours each time). There are 15 weeks this semester, with 4 hours of Math class per week, which add up to 60 attendance points.
- Meetings missed will count for zero points, even if you have a legitimate excuse for missing class.

Homework Assignments:

- There will be 10 homework assignments
- Students will work on homework in class in group work sessions; however, every student must submit individual assignments
- The due dates for homework assignments are provided in the course schedule of this outline
- No late homework will be accepted.

Journal Entries:

At the end of each lecture students will demonstrate their understanding of the lecture by completing a journal entry based on the material presented. Students will share their journal entries with their group members. There will be 12 chapters covered in this course, which will correspond to 12 journal entries.

Final Exam:

The final exam will be given during finals week (the week of December 15th) at the time, date and location specified by the Registrar.

- You need to be present for the final exam, unless you get exempt from the final (read relevant section below).
- The final exam is worth 100 points.
- This is not a pass/fail exam.

Final Grade:

| | | <u>Points</u> | <u>Grade</u> | <u>Percent</u> |
|----------------------------------|---------------|---------------|--------------|----------------|
| Quizzes (12@20pts each) | 240 points | | | A |
| Labs (10@10pts each) | 100 points | | | |
| Attendance sessions (60@1pt ea.) | 60 points | 93% | | A- |
| Homework (10@7pts each) | 70 points | | | |
| Journal Entries (12@2.5pts each) | 30 points | 90% | | |
| Final Exam | 100 points | | | B+ |
| TOTAL (100%) | 600 | 87% | | |
| | points | 83% | | B |
| | B- | 80% | | |
| | C+ | 77% | | |
| | C | 73% | | |

<73%

Exemption from the final exam:

You may be able to get exemption from taking the final exam, receive a 100% in it and a **grade A** if all the following apply:

- You have fully attended 10 laboratory exercises, by Thursday, December 11, 2008
- You have scored 16 or more on every quiz
- You have earned a total of 216 points on quizzes (90% of perfect score, or 18 points average per quiz)
- You have completed all 12 journal entries
- You have not missed more than 10 points in attendance

ENGL099/MATH090 – LC1 COURSE CALENDAR

The following assignment schedule lists the exercises that you are expected to do. The list may be added to or modified in other ways during the semester.

| WK | ENGL099 | MATH090 |
|-----------|--|--|
| 1 | Introduction Class Contract Assessment Essay <i>StrengthsQuest Inventory</i> | Assessment Test <u>LAB #1</u> |
| 2 | Writing a Paragraph Ch. 5 A and B Strengths Quest for Academic Success Eight Parts of Speech | Chapter 1 – Journal Entry 1 <u>LAB #2</u> <i>QUIZ 1 Whole numbers</i> |
| 3 | Writing a Paragraph, Ch. 5 C,D, and E Writing Simple Sentences, Ch. 9 A-F Strengths Quest for Academic Success | Chapter 2 – Journal Entry 2 <u>LAB #3</u> <i>HWK #1 DUE</i> <i>QUIZ 2 Negative Numbers</i> |
| 4 | Paragraph Development, Chapter 6A-D Grammar Quiz #1 (subjects, verbs, nouns) Compound Sentences, Chapter 10 A-C <i>Paragraph #1 Due</i> | Chapter 3 – Journal Entry 3 <u>LAB #4</u> <i>HWK #2 DUE</i> <i>QUIZ 3 Decimals ONE</i> |
| 5 | Patterns of Paragraph Development, Ch. 7 A Complex Sentences, Chapter 11 A-D <i>Paragraph #2 Due</i> | Chapter 4 – Journal Entry 4 <u>LAB #5</u> <i>HWK #3 DUE</i> <i>QUIZ 4 Fractions Mult/Div</i> |

| | | |
|----|--|--|
| 6 | Patterns of Paragraph Development, Ch.7 B Fine-tuning Sentences, Chapter 12 A-D <i>Paragraph #3 Due</i> | Chapter 5 – Journal Entry 5 <u>LAB #6</u> <u>HWK #4 DUE</u> QUIZ 5 Fractions Add/Subtract |
| 7 | Patterns of Paragraph Development, Ch. 7 D Run-ons and Comma Splices, Ch14 A and B Sentence Fragments, Chapter 15 A-D <i>Paragraph #4 Due</i> | Chapter 6 – Journal Entry 6 <u>LAB #7</u> <u>HWK #5 DUE</u> QUIZ 6 Mixed Numbers |
| 8 | Patterns of Paragraph Development, Ch. 7 G Illogical Shifts, Chapter 17 A-C Grammar Quiz #2 (sentence structure) <i>Paragraph #5 Due</i> | Chapter 7 – Journal Entry 7 <u>LAB #8</u> <u>HWK #6 DUE</u> QUIZ 7 Decimals TWO |
| 9 | Patterns of Paragraph Development, Ch. 7 E Commas, Colons, Semi-colons, Ch. 25 A-G <i>Paragraph #6 Due</i> | Chapter 8 – Journal Entry 8 <u>LAB #9</u> <u>HWK #7 DUE</u> QUIZ 8 Ratios |
| 10 | Patterns of Paragraph Development, Ch. 7 F Subject-Verb Agreement, Chapter 16 A-G Grammar Quiz #3 (commas, colons, semi- colons, and illogical shifts) <i>Paragraph #7 Due</i> | Chapter 9 – Journal Entry 9 <u>LAB #10</u> <u>HWK #8 DUE</u> QUIZ 9 Conversions Ratios |
| 11 | Patterns of Paragraph Development, Ch. 7 I <i>Paragraph #8 Due</i> | Chapter 10 – Journal Entry 10 |
| 12 | Moving from Paragraphs to Essays, Ch.8 A-G Using Apostrophes, Ch. 26 A-C <i>Paragraph #9 Due</i> | <u>LAB #11</u> <u>HWK #9 DUE</u> QUIZ 10 Proportions Chapter 11 – Journal Entry 11 |
| 13 | Essay Conferences Introduce Essay #2 Mechanics, Chapter 27 A-C <i>Essay #1 Due</i> | <u>LAB #12</u> <u>HWK #10</u> <u>DUE</u> QUIZ 11 %s – Decs - Fracs |
| 14 | Essay Conferences Grammar Quiz #4 (subject-verb agreement, apostrophes, mechanics) | Chapter 12 – Journal Entry 12 <u>LAB #13</u> QUIZ 12 Percent Applications |
| 15 | Review Paragraphs Review Grammar <i>Essay #2 Due</i> | Exit Test – <i>Mandatory for all</i> Review - Retakes <u>LAB #14 REVIEW</u> |
| 16 | Final Exam | Final Exam |

Success

Success in this Learning Community requires consistent attendance in class, class participation, completion of assigned homework, and seeking help when you need it. Please seek help as soon as you experience difficulties, keep focused and enthusiastic. We are all

here to help you and we expect from you to be able to communicate with us in order for us to serve you better. We wish you all a productive and successful semester.

Susan & Sophia