

Los Angeles City College
Learning Skills Department
Course Syllabus
LS 10C: Mathematics Fundamentals C
Spring 2018
#10290 & #10311

CLASS DAYS: To Be Arranged/Mon.–Thur. **CLASS TIME:** Mon. – Wed.: 9:00 a.m. – 12:00 p.m.
Mon. – Thurs.: 11:00 a.m. – 12:30 p.m.
1:00 p.m. – 6:00 p.m.
OFFICE: LS 205 **OFFICE HOURS:** Mon. – Wed.: 12:00 p.m. – 12:30 p.m.
Mon.: 5:00 p.m. – 6:00 p.m.
Thurs.: 5:00 p.m. – 6:00 p.m.
LEC/LAB DAYS: Monday-Thursday **LEC/LAB TIME:** 3 hours and 10 minutes per week
CLASS LOCATION: LS 205 **TELEPHONE:** (323) 953-4000, Ext. 2776
SEMESTER CREDIT: Pass/No Pass **UNITS:** 1 Unit
PROFESSORS: Mr. A. Adeleye & Mr. Dao

IMPORTANT DATES FOR SPRING 2018*Dates Subject to Change

1. First Day of Learning Skills Orientation, Enrollment, and Testing.....Monday, February 5, 2018
2. Learning Skills Department Classes Will Begin.....Monday, February 12, 2018
3. Learning Skills Department First Day of TutoringMonday, February 12, 2018
4. Last Day to Drop Classes with a RefundMonday, February 19, 2018
5. Classes Dropped by This Date Will Not Appear on the Student's Record.....Monday, February 19, 2018
6. Last Day to Drop Classes with a "W" Recorded on Student's Record.....Sunday, May 6, 2018
7. Last day to Add Learning Skills ClassesTuesday, May 15, 2018
8. Last Day to Complete Learning Skills Course Requirements.....Tuesday, May 29, 2018
9. Last Day to Complete TABE Re-Testing & SLO Assessment.....Wednesday, May 30, 2018
10. Last Day for TutoringWednesday, May 30, 2018

COURSE DESCRIPTION:

The student learns an individualized review of basic mathematics skills involving units of measure, simple geometry, statistical graph analysis, and signed numbers. Depending upon the diagnostic assessment, students are placed in an appropriate Learning Skills mathematics course. Students may enroll through the twelfth week of the semester. This course is open to all students. Grades are awarded on a Pass/No-Pass basis.

*****NOTE:**

Students with a verified disability who may need authorized accommodation(s) for this class are encouraged to notify the instructor and contact the Office of Special Services (SSB 1st FLOOR, (323) 953- 4000, x. 2270) as soon as possible, at least two weeks before any exam or quiz. All information will remain confidential.

Cell Phone Policy

- Students may not use their cell phones to accept or make calls while in class.
- If cell phones and pagers are brought to class, they must be turned to “silent” or vibration mode.
- Instructors must review this policy with students at the beginning of the first class period and include it as part of their syllabi.
- Students who do not adhere to this policy will be asked to leave the class. If it happens a second time, the student will be referred to the Vice President of Student Services, and will return to class only after the Vice President has cleared him/her to return.

STUDENT LEARNING OUTCOMES (SLO): The student will convert between English and metric units of measure.

AUTHENTIC ASSESSMENT TASK: The student will solve two problems involving units of measure.

RUBRIC FOR COURSE STUDENT LEARNING OUTCOME FIRST SLO

CRITERION	Exceeds Expectations 3	Meets Expectations 2	Below Expectations 1
LS 10C Operations and Problem Solving Weight: 0.5	In their written response the student demonstrates understanding of the order of operations process and solves the problem correctly.	In their written response the student demonstrates understanding of the order of operations process but does not solve the problem correctly.	In their written response the student does not demonstrate comprehension of the order of operations process and does not solve the problem correctly
LS 10C Computational Process Weight: 0.5	The computational process is correct and clearly written for each of the given problem.	The computational process is correct and clearly written for at least three of the four given problems.	The computational process is not correct and clearly written for at least three of the four given problems.

SECOND SLO

STUDENT LEARNING OUTCOME (SLO): The student will write a reflective essay on how the student has benefited from the mathematics concepts and skills learned in LS 10C and how the student will apply them to further studies.

AUTHENTIC ASSESSMENT TASK: Short Paper/Essay

Criterion	Exceeds Expectations 3	Meets Expectations 2	Below Expectations 1
Writing and Grammar Weight: 0.25	Spelling, capitalization, punctuation and grammar - contains 3 errors or less	Spelling, capitalization, punctuation, and grammar - contains 4-5 errors	Spelling, capitalization, punctuation, and grammar - contains more than 5 errors
Examples of how they will apply concepts and skills to further studies Weight: 0.25	At least 3 or more examples are given and it is easy to discern how the student will apply concepts and skills to further studies	Two examples are given and there is sufficient discussion on how the student will apply concepts and skills to further studies	Stated examples are not sufficiently discussed and it is difficult to comprehend how the student will apply concepts and skills to further studies
Length Weight: 0.25	More than 1 page	At least 1 page	Less than 1 page
Number of benefits Weight: 0.25	Three or more benefits are stated and discussed at length with appropriate details	Two benefits are stated and discussed sufficiently and appropriately	No clear benefits are stated or the benefits are not sufficiently discussed and it is difficult to comprehend what the student learned

- The Student Learning Outcomes Assessment (SLO) is an essential part of the Learning Skills course and the student must complete the SLO with an instructor in order to receive course credit.

Important! Drop Date Information

The deadline to drop without a “W” is the last day of Week 2 (of the semester), which is **Monday, February 19, 2018** for Spring 2018. If you must drop a course, drop before the specified deadline for dropping a class without a grade of "W." Dropping *after* Week 2 will result in a “W” on your transcript. **Effective since July 1, 2012** students will only have 3 attempts to pass a class. If a student gets a "W" or grade of "D", "F", "I", or "NP" in a class, that will count as an attempt. *A student's past record of course attempts district wide will also be considered.* Therefore, before the end of Week 2 you should carefully consider if you can reasonably manage this course with the other factors in your life (e.g. work, family, course load). **If you think you will not be able to complete this course with a P or better, drop by Friday, March 30, 2018.** If you have any questions, please don't hesitate to talk to me. You may also see a counselor in the Counseling Center in Student Services Building (SSB) 2F.

Short-term classes: Drop dates for short-term classes are not the same as full semester classes. For specific deadline dates, please contact the Admissions Office.

COURSE OBJECTIVES: Upon successful completion of this course, the student will be able to:

LS 10C: Math Fundamentals

1. Convert various units of measure in both the English and metric systems.
2. Estimate and measure angles, and solve for unknown angle size in triangles.
3. Solve similar triangles for unknown sides.
4. Determine the mean, median, and mode of a given set of numbers.
5. Analyze statistical graphs.
6. Compare signed numbers and arrange in correct order.
7. Perform calculations involving negative integers, negative fractions, and absolute value.

COURSE GRADE: Grades in this course will be based upon the following:

Regular attendance of laboratory is required to receive a Pass grade (P) for this course. Any student who has failed to take the final exam by the scheduled date will not receive a grade for this course. Anyone failing to complete and submit any of the requirements is subject to receiving a No Pass (NP).

GRADING: The final grade will be based on the total percentage students have accumulated from their participation, tests, assignments, final, etc.

90%-100%	= (P)
80%- 89%	= (P)
70%- 79%	= (P)
60%- 69%	= (NP)
50%- and below	= (NP)

If a student receives an incomplete (INC) grade, he/she must complete the class no later than one (1) year following the end of the semester in which the INC was assigned. If the INC is not made by the deadline, a No-Pass grade (NP) will replace the INC. Students may not re-enroll in classes in which an INC is on record.

STUDENT RESPONSIBILITIES

1. You must return the validated add card in one week.
2. You must attend a mandatory orientation session after you have enrolled in a Learning Skills Course.
3. You must attend the Learning Skills Department at least 3 hours per week for each course according to the following plan: 2 hours in a small group class and 1 hour in a tutoring session.
4. Your attendance in this class is mandatory.
5. You must see an instructor every week so that he/she may check your progress.
6. You must not remove your folder from the Learning Skills Department.
7. All tests or papers must stay in your folders in order to receive credit.
8. If you fail to regularly attend the Learning Skills Department, you will be contacted to determine your status.
9. If you are enrolled in a course for which a retest is required, you must complete the retest in order to receive course credit.
10. If you fail to finish your contracted material by the date inside the folder, you will receive a “No Pass” (NP) that may affect your status in college.
11. It is your responsibility to drop a class no longer attended. Failure to drop a class in a timely manner may result in a “No Pass” on your academic record. You may be held accountable for payment of fees whether you attend class or not.
12. If course folder is missing during the grading period, a student will receive a No Pass (NP) grade.
13. It is your responsibility to drop a class no longer attended. Failure to drop a class in a timely manner may result in a “No Pass” on your academic record. You may be held accountable for payment of fees whether you attend class or not.

• THE FOLLOWING ARE NOT ALLOWED UNDER THE TERMS OF THE COURSE COMPLETION CONTRACT:

TEST VIOLATIONS

- Copying answer from another student during an exam.
- Intentionally looking at another student’s paper during a test.
- Allowing another student to see your answers during a test.
- Continuing to write after the exam has ended.
- Possessing or using testing aids such as calculators, crib sheets, books, tape recorders, or notes on any examinations.
- Possessing an exam prior to test administration.
- Communicating during an exam by talking, signaling, notes, telephone or any other unauthorized means.

Spring 2018 Course Outline

WK	DATE <small>*Dates Subject to Change</small>	TOPIC: LS 10C - <i>Mathematics Fundamentals C</i>
1	2/5 – 2/8 2/12 – 2/15	<ul style="list-style-type: none"> • Orientation to the Learning Skills Dept., and to the Program • Introduction to Student Learning Outcome Assessment (SLO) • Signing of the Program Contract • Purchase required textbook: <i>Basic Mathematical Skills with Geometry w/Mathzone, 6th Edition (BMSG)</i>
2	2/16 – 2/19	<ul style="list-style-type: none"> • PRESIDENT'S DAY HOLIDAY (Friday, February 16, 2018)
	2/20 – 2/22	<ul style="list-style-type: none"> • Complete: <i>BMSG Exercises Chapter 7 - Geometry and Measure</i>
3	2/26 – 3/1	<ul style="list-style-type: none"> • - The Units of the English System • 7.2 - Metric Units of Length • 7.3 - Metric Units of Weight and Volume
4		<ul style="list-style-type: none"> • Complete: <i>BMSG Exercises Chapter 7</i>
5	3/5 – 3/8	<ul style="list-style-type: none"> • 7.4 - Lines and Angles • 7.5 - Triangles • Take: Chapter 7 Test
6	3/12 – 3/15	<ul style="list-style-type: none"> • Complete: <i>BMSG Exercises Chapter 8 - Data Analysis and Statistics</i>
7	3/19 – 3/22	<ul style="list-style-type: none"> • 8.1 - Means, Medians, and Modes • 8.2 - Tables and Pictographs
8	3/26 – 3/29	<ul style="list-style-type: none"> • NON-INSTRUCTIONAL DAY (Thursday, March 29, 2018)
	3/30	<ul style="list-style-type: none"> • CÉSAR CHAVEZ HOLIDAY (Friday, March 30, 2018)
	3/31 – 4/6	<ul style="list-style-type: none"> • SPRING BREAK (Saturday, March 31, 2018 – Friday, April 6, 2018)
9		<ul style="list-style-type: none"> • Complete: <i>BMSG Exercises Chapter 8</i> • 8.3 - Line Graphs and Predictions • 8.4 - Creating Bar Graphs and Pie Charts • Take: Chapter 8 Test • SLO Review
10	4/9 – 4/12	<ul style="list-style-type: none"> • <i>BMSG Exercises Chapter 9 - The Real Number System</i>
11	4/16 – 4/19	<ul style="list-style-type: none"> • 9.1 - Signed Numbers and Order
12	4/23 – 4/26	<ul style="list-style-type: none"> • Complete: <i>BMSG Exercises Chapter 9</i>
13	4/30 – 5/3	<ul style="list-style-type: none"> • 9.2 - Adding Signed Numbers • 9.3 - Subtracting Signed Numbers
14	5/7 – 5/10	<ul style="list-style-type: none"> • Complete: <i>BMSG Exercises Chapter 9</i>
15	5/14 – 5/17	<ul style="list-style-type: none"> • 9.4 - Multiplying Signed Numbers
	5/21 – 5/24	<ul style="list-style-type: none"> • 9.5 - Dividing Signed Numbers
	5/28	<ul style="list-style-type: none"> • Take: Chapter 9 Test
	5/29	<ul style="list-style-type: none"> • MEMORIAL DAY HOLIDAY (Monday, May 28, 2018) • Last Day to Complete LS Coursework
16	5/30	<ul style="list-style-type: none"> • Last Day for TABE Re-Testing/ Student Learning Outcome Assessment
	5/30	<ul style="list-style-type: none"> • <i>Final Exam</i>

If you need help paying for books and other college expenses,
Call the Financial Aid Office at (323) 953-4000 Ext. 2010
Or see them at the Student Services Building (SSB) 1st Floor
<http://www.lacitycollege.edu/stusvcs/finaid/>