

MTH 116-022: College Algebra & Trigonometry

Course Syllabus - Fall 2019

Instructor:	Christopher Toni
Lectures:	MTR 6:00 p.m. – 7:30 p.m. in A124 Wells Hall (WH)
Instructor's Office:	C-236 WH
Instructor's Office Hours:	Monday, Tuesday, and Thursday: 5:00 pm – 5:45 pm, and by appointment
Instructor's e-mail:	tonichri@msu.edu
Course Web Page:	To access your class page go to https://www.math.msu.edu/classpages/ , choose "100-Level Courses", then your section. In the class pages will be posted (and constantly upgraded) detailed info about the course: Syllabus, Weekly Course Schedule (tentative), Lecture notes, Handouts, Outlines and Reviews for Exams.

Required Course Materials

- **Textbook:** Stewart/Redlin/Watson - BNDL:ACP PRECALCULUS FOR MATH 116:REVISED, ISBN 9780357435052.

This bundle includes: (1) the textbook, (2) notebook for recitations, and (3) access code for WebAssign. You can purchase the bundle via the Bookstore for \$186.75 or you can purchase it directly from the publisher for \$145.

To buy it directly from the publisher, go to: www.cengagebrain.com/course/2960964.

- **WebAssign:** Access Code is a part of the textbook bundle required for the course. Once I have the WebAssign course page set up, I will provide you with instructions on how to register for the correct section on WebAssign.
- **Calculator:** You will need a graphing calculator for this course. We recommend the TI-83 plus or TI-84 plus. Other equivalent calculators (some HP's, Casio, Sharp) may be used. You are responsible for knowing how to use your calculator. Bring your calculator to all class meetings. **You are not allowed to use TI-89, TI-92, TI-Nspire CAS or any other calculators that are able to perform symbolic operations as well as any laptop or palmtop computer in this course.**

Prerequisites and Course Description: The prerequisites for the class are MTH 1825 (Intermediate Algebra) or by placement test. This is a 5 credit course. Key topics include: functions and graphs, equations and inequalities, exponential and logarithmic functions, trigonometric functions, systems of equations, binomial theorem.

Evaluation

Exams: There will be four 50-minute exams (see schedule for dates) each worth 75 pts. *Any test missed without an authorized excuse will count as 0.* There will also be a comprehensive Final exam worth 160 points. *You must take the final exam in order to pass this course.* The university has strict requirements for exceptions; more information can be found here: <http://www.reg.msu.edu/R0Info/Calendar/FinalExam.aspx>

In-class small assignments: At least 12 short assignments called "Questioners" worth 8 points will be counted toward the Total. Also, at least 12 short assignments called "Worksheets" worth 12 points each will be given during recitations. The 10 best scores of those assignments will be counted toward the Total.

Homework: There will be two types of homework.

- I. **Graded Homework.** At least 12 Graded HWs (on-line submission in WebAssign) will be completed during the semester. Ten best (according to % of correct work) will be counted toward the Total. The Total maximum for GHW is 100 points.

II. **Recommended HW.** Recommended HW is listed in the Course Weekly Schedule for every textbook section covered in the course. Working on Recommended HW is necessary for mastering technical skills and successful learning of concepts of the course.

Gateway Exam: The Gateway Exam (on-line submission with WebAssign) is scheduled for the semester. The Gateway Exam is a 75 min on-line assignment focused on prerequisites for the course. The maximum amount of points for Gateway Exam is 40. The Gateway Exam will be available between Monday, September 9, 2019 and Monday, October 7, 2019.

The maximum Total for the semester is 800 points. Your actual Total will be converted into a percentage and your grade will be determined by the following grading scale:

Grade Distribution		
90% to 100%	=	4.0
85% to 89%	=	3.5
79% to 84%	=	3.0
73% to 78%	=	2.5
65% to 72%	=	2.0
60% to 64%	=	1.5
55% to 59%	=	1.0
Below 55%	=	0.0

Exams and Other Important Dates

Class Begins	8/28/2019
Open adds end (8:00pm)	9/4/2019
Last day to late add a course or change sections within a course	9/11/2019
Last day to drop to a lower level course	9/11/2019
Exam 1*	9/16/2019
Last day to drop the class with tuition refund (8:00pm)	9/23/2019
Exam 2*	10/8/2019
Last day to drop the class with no grade reported (8:00pm)	10/16/2019
Exam 3*	10/29/2019
Exam 4*	11/19/2019
Last day of class	12/5/2019
Final Exam	12/9/2019

(Note: Exam dates are tentative and might change depending on pace of course.)

The common Final Exam is scheduled on Monday, December 9, 2019, 10:00 am – 12:00 pm. Any student having another Final scheduled at the same time as Uniform Final Exam for MTH 116, or having two other final exams scheduled on December 9, 2019, may take the make-up exam, which will be given December 10, 2019.

Attendance: You are expected to attend all meetings of the class. If you must miss a class, plan to get notes for that day from a classmate. Take into account that the weekly schedule is tentative.

Grading Disputes: If you have any question regarding the grading of an exam or lab, your paper must be handed back to the instructor for re-grading at the end of the class period during which you received it. *Once a graded paper has left the classroom, no grading changes will be made.*

Make-up Exam Policy: In rare situations, students who have made travel plans prior to the beginning of the semester for an exam day and have documentation showing this may request accommodations for missing the exam. However, students must request this from their instructor *during the first week of the semester.* **After the first week no travel accommodations will be granted.** Make-ups for exams

will only be given for medical or emergency absences and only with a written excuse from doctor or other authorized individual. Such exams are given only in extreme cases that are approved by the instructor as sufficiently convincing and serious.

Students with Disabilities: Michigan State University is committed to providing equal opportunity for participation in all programs, services and activities. Requests for accommodations by persons with disabilities may be made by contacting the Resource Center for Persons with Disabilities at 517-884-RCPD or on the web at rcpd.msu.edu. Once your eligibility for an accommodation has been determined, you will be issued a Verified Individual Services Accommodation (“VISA”) form. Please present this form to me at the start of the term and/or at least a week prior to the accommodation date (test, project, etc.). Requests received after this date may not be honored.

Academic Honesty: Article 2.3.3 of the Academic Freedom Report states that each student shares with the faculty the responsibility for maintaining the integrity of scholarship, grades, and professional standards. In addition, the Mathematics Department adheres to the policies on academic honesty as specified in General Student Regulations 1.0, Protection of Scholarship and Grades; the all University Policy on Integrity of Scholarship and Grades; and Ordinance 17.00, Examinations. See <http://splife.studentlife.msu.edu/spartan-code-of-honor-academic-pledge>.

Therefore, unless authorized by your instructor, you are expected to complete all course assignments, including homework, tests, and exams, without assistance from any source. You are expected to develop original work for this course.

Students who violate MSU academic integrity rules may receive a penalty grade, including a failing grade on the assignment or in the course. Contact your instructor if you are unsure about the appropriateness of your course work. (See also the Academic Integrity webpage at <https://www.msu.edu/~ombud/academic-integrity/index.html>).

Getting Help:

Utilize office hours. Please consider bringing your questions to office hours. Office hours are times set aside specifically as an opportunity for you to get additional help. If your schedule conflicts with the scheduled office hours, please make an appointment by sending a request by e-mail.

Please do not think of this as an inconvenience to your instructor; additional help is available if you seek it out. However, it is your responsibility to come to office hours only after first making a sincere effort to answer questions on your own. Learning is difficult: work hard, try new ideas, and ask questions. If you do this, you will see definite progress.

Math Learning Center (MLC). The MSU Math Learning Center is located at C126 Wells Hall, where a monitor will direct you to the appropriate room for this course. The MLC provides assistance for students’ homework assignments. You can find more information about the MLC here: <https://www.math.msu.edu/mlc/>

Disruptive Behavior: Article 2.III.B.4 of the Academic Freedom Report (AFR) for students at Michigan State University states: The student’s behavior in the classroom shall be conducive to the teaching and learning process for all concerned. Article 2.III.B.10 of the AFR states that The student has a right to scholarly relationships with faculty based on mutual trust and civility. General Student Regulation 5.02 states: No student shall interfere with the functions and services of the University (for example, but not limited to, classes ...) such that the function or service obstructed or disrupted. Students whose conduct adversely affects the learning environment in this classroom may be subject to disciplinary action through the Student Judicial Affairs office.