

Cover Sheet: Request 10839

MAC1140 Precalculus algebra

Info

Process	Course Modify Ugrad/Pro
Status	Pending
Submitter	Knudson, Kevin P kknudson@ufl.edu
Created	3/7/2016 3:33:20 PM
Updated	3/10/2016 8:18:24 AM
Description	Credits: 3. College algebra, functions, coordinate geometry, exponential and logarithmic functions. (M)

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	CLAS - Mathematics 011613000	Center, Douglas A	This will help to place students in the appropriate course.	3/7/2016
Added MAC1140_Spring_16_Syllabus.pdf					3/7/2016
College	Approved	CLAS - College of Liberal Arts and Sciences	Pharies, David A		3/10/2016
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			3/10/2016
No document changes					
Statewide Course Numbering System					
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
College Notified					
No document changes					

Course|Modify for request 10839

Info

Request: MAC1140 Precalculus algebra

Submitter: Knudson, Kevin P kknudson@ufl.edu

Created: 3/7/2016 3:33:20 PM

Form version: 1

Responses

Current Prefix

Enter the current three letter code (e.g., POS, ATR, ENC).

Response:
MAC

Course Level

Select the current one digit code preceding the course number that indicates the course level at which the course is taught (e.g., 1=freshman, 2=sophomore, etc.).

Response:
1

Number

Enter the current three digit code indicating the specific content of the course based on the SCNS taxonomy and course equivalency profiles.

Response:
140

Lab Code

Enter the current lab code. This code indicates whether the course is lecture only (None), lab only (L), or a combined lecture and lab (C).

Response:
None

Course Title

Enter the current title of the course as it appears in the Academic Catalog.

Response:
Precalculus Algebra

Effective Term

Select the requested term that the course change(s) will first be implemented. Selecting "Earliest" will allow the change to be effective in the earliest term after SCNS approval. If a specific term and year are selected, this should reflect the department's expectations. Courses cannot be changed

retroactively, and therefore the actual effective term cannot be prior to SCNS approval, which must be obtained prior to the first day of classes for the effective term. SCNS approval typically requires at least 6 weeks after approval of the course change at UF.

Response:
Earliest Available

Effective Year

Select the requested year that the course change will first be implemented. See preceding item for further information.

Response:
Earliest Available

Requested Action

Indicate whether the change is for termination of the course or any other change. If the latter is selected, all of the following items must be completed for any requested change.

Response:
Other (selecting this option opens additional form fields below)

Change Course Prefix?

Response:
No

Change Course Level?

Note that a change in course level requires submission of a course syllabus.

Response:
No

Change Course Number?

Response:
No

Change Lab Code?

Note that a change in lab code requires submission of a course syllabus.

Response:

No

Change Course Title?

Response:
No

Change Transcript Title?

Response:
No

Change Credit Hours?

Note that a change in credit hours requires submission of a course syllabus.

Response:
No

Change Variable Credit?

Note that a change in variable credit status requires submission of a course syllabus.

Response:
No

Change S/U Only?

Response:
No

Change Contact Type?

Response:
No

Change Rotating Topic Designation?

Response:
No

Change Repeatable Credit?

Note that a change in repeatable credit status requires submission of a course syllabus.

Response:
No

Change Course Description?

Note that a change in course description requires submission of a course syllabus.

Response:
No

Change Prerequisites?

Response:
Yes

Current Prerequisites

Response:
none

Proposed Prerequisites

Response:
Completion of ALEKS placement exam prior to registration

Change Co-requisites?

Response:

No

Rationale

Response:

CLAS advising center has gathered data showing that students who do not take the placement exam have a high non-success rate (<C or W). Placement exam prior to advising/registration will assist in proper placement during Preview and preregistration.

MAC1140 Syllabus

Instructor: Jeramiah Hocutt

Spring 2016

Coordinator Information

Jeramiah Hocutt

Email: jhocutt@ufl.edu (Please contact me through Canvas)

Phone: 352-294-2379

Website: people.clas.ufl.edu/jhocutt

Office: LIT 475

Office Hours: $\left\{ \begin{array}{ll} \text{Wednesday} & 9:35-10:25 \text{ a.m.} \\ \text{Friday} & 8:30-9:20 \text{ a.m.} \\ \text{Friday} & 1:55-2:45 \text{ p.m.} \end{array} \right.$

Discussion Leader Information

Discussion Leader: _____

Email: _____

Office Hours: _____

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1 Introduction

MAC 1140, Precalculus Algebra, is a review of college algebra designed to prepare students for calculus. Students who successfully complete this course with a C or better can advance directly to MAC 2233, Survey of Calculus. For students preparing for MAC 2311, Analytical Geometry and Calculus 1, this class MAC 1140 should be followed by MAC 1114, Precalculus Trigonometry. The sequence of both MAC 1140 and MAC 1114 covers the same material and uses the same text as the one semester, faster paced course, MAC 1147, Precalculus Algebra and Trigonometry. As such, if you have already received credit for MAC 1147, you cannot earn credit for MAC 1140 or MAC 1114 again.

With a grade of C or better MAC 1140 satisfies three hours of the general education requirement and also satisfies the pure math portion of the state Writing/Math requirement. Students taking this course for general education credit or the pure math portion of the Writing/Math requirement, and who do not need precalculus for their major or as preparation for a later calculus class, might consider taking MGF 1106, Math for Liberal Arts Majors 1, MAC 1107, Math for Liberal Arts Majors 2, or MAC 1105, College Algebra. For more information on math courses and math advisors, go to <http://www.math.ufl.edu>.

2 Prerequisites

There are no specific prerequisites for this course, however, students should be familiar with high school algebra techniques and be able to perform arithmetic *without a calculator*. Students should already be competent with the material in the Appendices A1-A7 in the textbook.

3 Class Structure

There are two main components to the class: Lecture and Discussion. The lecture meets on Monday and Wednesday and provides the main presentation of course material and will follow, as closely as possible, the class calendar and lecture outline. You are responsible for learning lecture material missed. You may print out the lecture notes which can be found on Canvas or you can purchase them at Target Copy on 1412 West University Avenue.

Discussion sections meet on Thursday and give you a valuable opportunity for open discussion of the lecture material and assigned problems in a smaller class setting. Your primary contact for assistance is your discussion leader, a teaching assistant (TA) in the mathematics department. He or she is available during office hours (or by appointment) to answer your questions about the course material. Your TA is responsible for grading/recording your discussion quizzes, homework, and free response on exams. **Your discussion leader is a great resource; when in doubt, ask your discussion leader.**

4 Materials

You will need an access code for WebAssign to work on the online homework. This code can be purchased online through the publisher's website: <http://www.cengagebrain.com/course/site.html?id=1-23PFZ4X>. You can either purchase just the WebAssign code and the e-book for \$50 or you may purchase the bundle that contains the WebAssign code, e-book, and paperback version of the textbook for \$95.

To login to WebAssign, you must use the following link:

<https://www.webassign.net/ufl/login.html>

Access to WebAssign comes with a 2 week grace period before you must purchase a code or you will be removed from the system. This 2 week grace period begins the first day of classes.

The textbook for this course is Precalculus (9th Edition UF Custom) by Larson (ISBN-13: 978-1-305-04654-2, ISBN-10: 1-305-04654-4). You will need the textbook to complete the Written Homework portion of you grade.

Also available are the lecture notes from the course. These are the notes that I will be following in class. They are available from Target Copy (across University Ave). Just mention the course number MAC1140. The price is \$9.80, less tax.

You will also need a H-ITT class responder system ("clicker") to allow students to participate in lecture. Information will be provided in class and on the MAC1140 homepage in Canvas.

5 E-Learning Canvas

E-Learning Canvas, a free UF tool, is located at <http://lss.at.ufl.edu>. You can find your grades, announcements, lecture outlines, office hours, free help information, test locations, etc. at this site. Canvas should be checked daily as course information can be updated frequently. Use your Gatorlink name and password to login.

6 WebAssign

WebAssign is a website for completing and submitting online homework. Starting in the second week, WebAssign access is required for this course and must be purchased. You must use the url <https://www.webassign.net/ufl/login.html> to access it. A free trial period of 14 days is provided and begins the first day of classes.

Please note WebAssign is a computer system and, like all computer systems, it has its fair share of difficulties and downtime. As the student, you are responsible for your work regardless. Make sure the computer you plan to use is fully compatible with WebAssign and be sure to start assignments well in advance. There are absolutely no extensions on WebAssign work.

7 Attendance

Attendance in discussion is required in order to return assignments without penalties and to participate in discussion quizzes. Lecture participation is highly recommended and is going to be checked by daily participation questions through the H-ITT clicker system.

8 Grading

The grades in this course are on a point-based system. All your grades will be posted in Canvas (<https://lss.at.ufl.edu>). The breakdown of points and assignments is below. There are no “extra credit” assignments in this course, and there is no “curve” in this course either.

Students are responsible for making sure that their recorded grades are correct. All hand-graded grades will be visible in Canvas and you are encouraged to verify these frequently.

Any issues in grading or the recording of grades must be addressed within one week of receiving the grade.

8.1 Exams

There are 3 midterm exams each worth 50 points and a cumulative final exam worth 100 points. The dates for these exams are posted on the course calendar. Please make note of these exam dates. Also, the 3 midterm exams are held in the evening from 8:30 p.m. to 10:00 p.m. The time of the final exam is 3:00-5:00 p.m. as posted in the registrar’s calendar.

During the exam, all personal belongings must be put in the front of the exam room. So, do not bring anything valuable. All electronics must be turned off and put out of arms reach. Any possession of a cell phone, calculator, or other electronic device during the exam constitutes a serious violation of academic honesty guidelines.

Points will be deducted if the test form code, UF ID, name, or section number are encoded incorrectly. Points will be deducted if you take the exam in a room other than your assigned exam room.

Students entering more than 20 minutes late will not be allowed to take the exam. Likewise, no student may leave within the first 20 minutes.

The exam dates are as follows:

Exam 1	February 5 th	8 : 30 – 10 : 00p.m.
Exam 2	March 11 th	8 : 30 – 10 : 00p.m.
Exam 3	April 7 th	8 : 30 – 10 : 00p.m.
Final Exam	April 27 th	3 : 00 – 5 : 00p.m.

8.1.1 Replacing an Exam grade

At the end of the semester, each student's Final Exam grade will be divided by two and, if this resulting number is larger than the lowest grade from Exams 1-3, it will replace the lowest exam grade. The Final Exam grade always remains included in the grade computation.

Consider the following two examples:

- Fred has grades 35, 22, 47 on Exams 1-3. He scores 68 on the Final Exam. Since $68/2 = 34$ is larger than 22, the score of 22 is replaced with 34. The Final Exam score of 68 is still included.
- Jamie has grades 35, 45, 42 on Exams 1-3. She scores 64 on the Final Exam. Since $64/2 = 32$ is less than her previous exam scores, no score is replaced. The Final Exam score of 64 is still included.

Replacement of grades will be made automatically at the end of the semester and will appear as a different grade item in Canvas.

8.2 Online Homework

There are 12 WebAssign homework assignments each worth 3 points. Only 30 points are taken from this category. This way there are some points built in to account for any technical difficulties you may experience or due to WebAssign.

8.3 Quizzes

There will be 10 quizzes throughout the semester each worth 10 points. These quizzes will take place in Discussion. Questions will either be from the homework or very similar to those in the homework. They will take about 15 minutes. If you show up to the discussion class late, you will not be allowed to take the quiz. The lowest 3 scores will be dropped. The dates for these quizzes are posted in the course calendar.

8.4 Written Homework

There will be 5 written HW assignments throughout the semester each worth 6 points. Homework problems will be listed on Canvas. Problems will either be assigned from the textbook or they may be original problems. Carefully completing the assigned problems is a key part to succeeding in this class. All correct work in solving the problems must be shown to receive full credit. Solutions alone receive no credit.

Discussion leaders will collect homework assignments as listed on the class calendar.

8.5 Lecture Participation

Up to 30 points may be earned by attendance in lecture and solving problems in class. Points will be collected through the use of the H-ITT course responder system (clicker). Students are responsible for having a working clicker. Check your clicker ID is displayed on the screen each time it's used in lecture. Weekly HITT grades report will be sent to your UF email.

Resolve any issues immediately. No H-ITT points can be recovered or made up. Contact the merchant or the HITT company if you have issues with your clicker.

Register your clicker AFTER YOUR FIRST successful use when you see your clicker ID displayed on the screen in class. More details will be available in class and on the course home page in Canvas. Submitting clicker responses for another student is a serious honor code violation.

8.6 Makeup Policy

8.6.1 Quizzes

Since the three lowest quiz grades are dropped, no make-up quizzes are given unless (1) you have already missed at least three quizzes for valid, documented reasons, (2) you are observing a religious holiday, or (3) you are absent due to a court-ordered obligation. Contact your discussion leader if one of these three conditions apply, but all quiz make-ups must be approved by the course coordinator. Under no circumstance may a student complete a quiz early or in a section other than that registered.

8.6.2 Written Homework

Homework may be submitted early. However, **NO** homework may be submitted late.

8.6.3 Lecture Participation

There are no makeups for missed lecture participation points.

8.6.4 WebAssign Homework

As detailed above, students are entirely responsible for completing their WebAssign work. Computer issues, website downtime, or other conflicts are not valid excuses for anything missed. There are absolutely no extensions on WebAssign work.

8.6.5 Exams

For exams, if you have a documented scheduling conflict due to an official University of Florida event, such as an assembly exam in another class, contact the instructor with documentation at least one week in advance of the exam. If you miss an exam due to a medical emergency, contact the instructor immediately. You must be able to provide proper documentation. Students must register for the make-up exam at least a week before the exam date and those who do not will face a penalty on their exam grade, or they may not be able to take the exam.

8.7 Grade Breakdown

WebAssign HW	12 assignments (3 points each with max total 30 pts)	30
Written Homework	5 Assignments (6 points each)	30
Lecture Participation		30
Quizzes	best 7 out of 10 (10 points each)	70
Midterm Exams	3 exams (50 points each)	150
Final Exam		100
<hr/>		
Total Points		410

8.8 Grading Scale

A	369-410	C	287-302
A-	356-368	C-	274-286
B+	344-355	D+	262-273
B	328-343	D	246-261
B-	315-327	D-	233-245
C+	303-314	E	lower than 233

8.9 Incomplete Policy

A grade of I (incomplete) will be considered only if you meet the Math Department criteria which is found at <http://www.math.ufl.edu>. If you meet the criteria you must see the class coordinator before the beginning of finals week to be considered for an I. A grade of I only allows you to make up your incomplete work. You cannot redo any previously completed work.

9 A Word About Calculators

No calculator is required for this course. Calculators are not allowed on any exam or quiz. All exam and quiz problems will be written so that a calculator is not needed. As such, it is recommended that you avoid using calculators on when working on homework or practice problems.

10 Advising and Help

For all concerns with MAC 1140, your TA is your first resource. Office hours will be posted and are regular times when they are available to answer questions, discuss grades, advise students on future classes, or help students in any available way. You do **not** need an appointment to visit during office hours. If you need to meet outside of office hours, please contact your TA for an appointment.

As stated above, the course coordinator also has office hours and an advising hour. Office

hours are to discuss questions, and advising hour is to resolve administrative needs and for general guidance such as discussing grades, signing up for make-up exams, etc.

In addition, there are several other free resources available to you:

- The Teaching Center Math Lab, located at SE Broward Hall, offers free informal tutoring. You may want to attend different hours to find the tutors with whom you feel most comfortable. Go to <http://www.teachingcenter.ufl.edu> to find their hours. You can also request free one-on-one tutoring.
- Textbooks and solution manuals are located at the reserve desks at Marston Science Library.
- The Counseling Center has some information on developing math confidence. Go to <http://www.counseling.ufl.edu/cwc/Developing-Math-Confidence.aspx> for information on math confidence and joining the Academic Confidence Group.
- A list of qualified tutors for hire is available at <http://www.math.ufl.edu>.

11 Honor Code

All students are required to abide by the Academic Honesty Guidelines which have been accepted by the University. The academic community of students and faculty at the University of Florida strives to develop, sustain and protect an environment of honesty, trust and respect. Students are expected to pursue knowledge with integrity.

Violations of the Academic Honesty Guidelines shall result in judicial action and a student being subject to the sanctions in paragraph XIV of the Student Code of Conduct. The conduct set forth hereinafter constitutes a violation of the Academic Honesty Guidelines (University of Florida Rule 6C1-4.017). You may find the Student Honor Code and read more about student rights and responsibilities concerning academic honesty at the link www.dso.ufl.edu/sccr/.

12 Students with Disabilities

Students requesting classroom accommodation must first register with the Dean of Students Office www.dso.ufl.edu/drc/. The DOS will provide documentation to the student who must then provide this documentation to the course coordinator, Jeramiah Hocutt in Little 475, when requesting accommodation. Any accommodations for exams must be submitted no later than two weeks **before** the first exam. If a student does not supply the appropriate documentation in a timely fashion, the instructor may not be able to accommodate the student in a timely manner.