Math 2574 – Calculus III Last updated: January 18, 2017

SYLLABUS

Spring 2017

INSTRUCTOR Dr. Ashley K. Wheeler Office: Science-Engineering (SCEN) 356

Visiting Assistant Professor Email: ashleykw@uark.edu

Department of Mathematical Sciences

OFFICE HOURS MWF 2-3p, OR BY APPOINTMENT

COURSE LOCATION Lecture:

AND TIME MATH 2574C-002 (5187): AFLS D115, MWF 10:45-11:35a

MATH 2574C-004 (9667): SCEN 407, MWF 3:05-3:55p

I teach two sections of Cal III this semester; you are welcome to attend whichever

you like but seating is reserved for those enrolled in that section.

<u>Drill:</u>

Drill sections vary; see your drill instructor for location and time. You are not allowed to attend alternate drill sections.

WEBPAGE comp.uark.edu/~ashleykw/Cal3Spring2017/cal3s17.html

SOFTWARE The MyLabsPlus (MLP) Student Access Kit is required for this class.

If you took Calculus at UArk within the past year or so, you shouldn't need to purchase the kit. To log in to MLP,

☐ Go to http://wark.bb.mylabsplus.com.

☐ Find and click the "Forgot your password" link (If you've used MLP before and remember your password, you can skip this step).

- □ Enter the first part of your UArk email address in the box labeled "User ID:" (e.g., if you were mathstudent@uark.edu, you would enter "mathstudent").
- ☐ Check your email for a message with the subject "Password Reset Information" from PasswordReset@ResetCredentials.com, and follow the directions in the email.
- ☐ Troubleshooting:
 - If your login fails, check that you typed in the correct URL.
 - If you are able to open your course but you are not able to access your assignments, please try again.
 - After trying a few times, if you still receive some type of an error message,
 - \bullet contact the MLP Technical Support line at 888-883-1299 (available 24/7), or
 - click on the Support Tab and then click on the email address.
 - If you contact the company then make sure they give you a case number and keep that number in case it is needed for verification.
- □ Be sure your browser will support the MLP software. Most importantly, **RUN THE BROWSER CHECK** once you get started. On-campus assistance is available in the Mathematics Resource and Teaching Center (MRTC), located on the third floor of Champions Hall.
- $\hfill \Box$ From time to time, you may receive messages that your session has timed out. To resolve this issue, either
 - delete the cookies from your computer or
 - try logging in with a different browser (e.g., Chrome, Firefox, Safari, etc.).

TEXTBOOK Calculus: Early Transcendentals, Second Edition, William Briggs, Lyle Cochran, Bernard Gillett, 2015, Pearson.

An electronic copy is included in the MLP kit. The paper version is available but not required.

CALCULATORS

Sliderules are permitted, but not required. If you prefer to use a calculator, then we recommend the TI-30X IIS. The following are not allowed during any exam:

- programmable graphing calculators of any kind
- HP300s
- Casio fx115m
- any calculator with a differentiation/integration button

Grading

| MLP Homework | 15% |
|---|--------|
| Assigned by topic with roughly three days to complete. Pay attention | |
| to the deadlines. MLP has a "tendency" to crash right before an | |
| assignment is due. At the end of the semester I will reopen assignments | |
| for a fraction of the credit. | |
| Quizzes | 20% |
| Usually two per week, only one of which is graded. At the end of the | |
| semester I will drop your two lowest scores. | |
| In-Class Exams | 15% x3 |
| Dates TBA. Subject to a curve depending on the average. | |
| Final (comprehensive) | 20% |
| Date: Monday 8 May 5:30-7:30p | |
| Curve is not likely. | |

You're expected to know your own grade (if you don't know how to compute it come to office hours and I'll show you how). You should be responsible for keeping track of your graded work in any course! Should you contest the grade you receive you will not have a case if you cannot produce the numbers.

Quiz Protocol

In-class quizzes check whether you have read the textbook and may be collaborative. On take-home quizes you are welcome to use whatever resources you want – other textbooks, the internet, collaboration with classmates, software, etc. – **but you must document it on your work.** WARNING: I am aware of some websites, frequented by people I know who like to troll students and give wrong answers. Other sites may simply contain misinformation.

There is no reason to be misleading about the originality of your work. It helps me (and you!) if I have an accurate picture of your understanding.

BOOK PROBLEMS

Suggested book problems are not for a grade but if you wish you can get feedback during office hours.

DECORUM

I will do my best to start on time and not lecture past the end of classtime. In return, if for whatever reason you arrive late or you need to leave, for example, to use the restroom, please do so as discreetly as possible. Rolling in late and/or packing up early are **not cool**, as the noise distracts and undermines your classmates' engagement in the course.

Phones, tablets, laptops, palm pilots, Blackberries, iDevices, earplugs, headsets, etc. – keep them discreet unless you are using such a device for notetaking. **Do not plan to use any such device, even as a clock, on an exam.**

ACCOMMODATIONS

Under University policy and federal and state law, students with documented disabilities are entitled to reasonable accommodations to ensure they receive an equal opportunity to perform in class. If any member of the class has such a disability and needs special academic accommodations, please report to the Center for Educational Access (CEA). Reasonable accommodations may be arranged after CEA has verified your disability. Do not hesitate to contact me if any assistance is needed in the process.

ACADEMIC INEGRITY

As a core part of its mission, the University of Arkansas provides students with the opportunity to further their educational goals through programs of study and research in an environment that promotes freedom of inquiry and academic responsibility. Accomplishing this mission is only possible when intellectual honesty and individual integrity prevail.

University of Arkansas students are fully responsible for knowing and abiding by the University's Academic Integrity Policy. See http://provost.uark.edu/. If you have questions about how these policies apply to this course or a particular assignment you should immediately contact me.

Tutoring

There are free student tutors in the Enhanced Learning Center (Gregson Hall), Mullins Library, ENGR, Reid, Futrall, Maple Hill, and MRTC. Visit their websites for the latest hours.

INCLEMENT WEATHER POLICY

Class meets unless the University is closed. Otherwise, on-campus students are expected to be present. Off-campus students will only be excused on days the Fayetteville Public Schools are closed due to weather. If attendance is severely affected by weather, deadlines and exam dates may be adjusted. Please do not call the Department of Mathematical Sciences with weather-related inquiries. You may email me for information.

EMERGENCY PROCEDURES

Severe Weather (Tornado Warning):

- Follow the directions of the instructor or emergency personnel.
- Seek shelter in the basement or interior room or hallway on the lowest floor, putting as many walls as possible between you and the outside.
- If you are in a multi-story building, and you cannot get to the lowest floor, pick a hallway in the center of the building.
- Stay in the center of the room, away from exterior walls, windows, and doors.

Violence / Active Shooter (CADD):

CALL 9-1-1

AVOID If possible, self-evacuate to a safe area outside the building. Follow

directions of police officers.

DENY Barricade the door with desk, chairs, bookcases or any items. Move

to a place inside the room where you are not visible. Turn off the lights and remain quiet. Remain there until told by police it's safe.

DEFEND Use chairs, desks, cell phones or whatever is immediately available

to distract and/or defend yourself and others from attack.

More instructions for emergencies such as severe weather, active shooter, or fire can be found at emergency.uark.edu.

DISCLAIMER

THIS SYLLABUS IS SUBJECT TO CHANGE. You will be notified in email, on MLP, and/or in class of changes. Failure to check your email and/or failure to read the announcements in MLP and/or failure to attend class will not constitute a reason to be allowed to make up any assignments, tests, or changes to the course.