

**MATH 393 SYLLABUS: Fall 2018****Probability and Statistics for Elementary Teachers**

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<b>OFFICE HOURS &amp; SCHEDULE</b>					<b>Fall 2018</b>
	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
<b>10:00</b>					
<b>11:00</b>	Office Hour MNB 125		Available by appointment		Available by appointment
<b>12:00</b>	Office Hour MNB 125	Office Hour MNB 125		Office Hour MNB 125	
<b>1:00</b>	Math Dept Meeting				
<b>2:00</b>	Off campus	<b>MTH 393</b> MNB 103	Off campus	<b>MTH 393</b> MNB 103	Off campus
<b>3:00</b>					
<b>4:00</b>		Division & College Meetings			
<b>5 – 6:50</b>		<b>MTH 494/594</b> MNB 103		<b>MTH 494/594</b> MNB 110	

Please feel free to drop by my office during my office hours for help. You do not need to make an appointment to come to office hours. You are welcome to stop by my office at times other than my listed office hours and if I am available, I will help you. You are also encouraged to call or email me with questions about the course or make an appointment to come in. If you have direct scheduling conflicts with my office hours and would like further help, please let me know.

**PREREQUISITES**

Math 211, 212 & 213; each with a grade of C- or better.

**REQUIRED COURSE MATERIALS**

- Probability and Statistics for Elementary/Middle School Teachers by Browning-Channell; ISBN 9780757536427
- E-copies and hard copies are available. There is no online HW available so it does matter which format you purchase.
  - The e-copy can purchased directly from the publisher at <https://he.kendallhunt.com/product/probability-and-statistics-elementarymiddle-school-teachers> [click on the e-book button under Choose Format to see the e-book price (\$44.90)]
  - The hard copy is available at the WOU bookstore and through the publisher. If you choose to buy from the publisher use the e-book link (above) and click on the printed-book button under Choose Format.
- A scientific calculator with at least the capabilities of a TI-83 is required. A TI-83 or 84 is highly recommended.

## **CLASS WEB PAGE AND CLASS MOODLE PAGE**

There will be a link for the MTH 393 web page on my home page: [www.wou.edu/wp/ciancetm](http://www.wou.edu/wp/ciancetm). You will find a link to the WOU Online system: Moodle ([moodle.wou.edu](http://moodle.wou.edu)). The 393 Moodle page is where your class materials and assignments will be posted. Note that there is a Moodle link at the top of most WOU homepages as well as a Moodle link in your Portal.

## **COURSE GOALS**

1. Demonstrate the ability to provide accurate explanations of information presented in mathematical forms
2. Demonstrate the ability to convert relevant information into various mathematical forms
3. Demonstrate an understanding of data collection, variables, sampling, how to represent data, measures of center and spread, use of technology to process sets of data, z-scores, and the Central Limit Theorem

## **ATTENDANCE**

Daily attendance is required for your success in this course. Much of the learning in this course takes place during in-class activities and class discussions. If you miss class, it is your responsibility to ask a classmate for notes on the missed material. If you miss more than one class in a row, please contact your instructor ASAP.

## **HOMEWORK**

Homework will be assigned daily. Assignments will be posted on our Moodle page. Homework will include written problems, problems using your calculator, journal article homework and Common Core Standards homework.

## **LATE WORK POLICY**

Your work is due at the beginning of class on the due date. **NO LATE WORK WILL BE ACCEPTED**; however, your lowest homework score will be dropped.

## **EXAMS**

There will be two mid-term exams in this course and one final.

- The final exam is scheduled for Tuesday, December 4<sup>th</sup> from 12-1:50pm.  
**Students cannot take this final exam at an alternate time.**
- Make-up exams are generally not given. If you must miss a midterm exam you should contact me ASAP and use the Student Absence Notification System which can be accessed at <http://www.wou.edu/advising/absence> . Note that there is no guarantee that a make-up exam will be given.

## **FINAL PROJECT**

Students will complete a final project in small groups. The projects will consist of researching a probability or statistics topic, constructing a mind map and lesson plan on the topic and giving a brief presentation during the last week of class.

**COURSE GRADING**

Course components are weighted as follows to determine your grade:

Component	% of final grade
Homework	40
Final Project	5
Exam 1	20
Exam 2	20
Final Exam	15

**STANDARD GRADING SCALE FOR THIS COURSE**

(total % for the course, usual rounding rules apply)

% Range	Grade	% Range	Grade	% Range	Grade
93 – 100	A	80 – 82	B-	60 – 69	D
90 – 92	A-	77 – 79	C+	Below 60	F
87 – 89	B+	73 – 76	C		
83 – 86	B	70 – 72	C-		

**WOU STUDENT SUCCESS SPECIALIST**

If the instructor determines your performance in this class is placing you at academic risk, you may be referred to a member of the Student Success Team. A student success specialist will offer to work with you to address issues and develop a student success strategy. Regardless of whether a referral has or has not been made, you are ultimately responsible for tracking your own progress in this course. If you would like to meet with a student success specialist regarding any academic struggles you are experiencing, please contact the Academic Advising and Learning Center at 503-838-8428.

**CELL PHONE POLICY<sup>1</sup>**

- Turn them off (not even on vibrate) during class
- Put them away—cell phones found out in class will be placed on the front table for the rest of the class.
- No texting during class
- Electronic item use during exams or quizzes will be treated as cheating and you will receive a zero score on that exam or quiz.

<sup>1</sup>If you are in an emergency situation in which you need to have your cell phone on quiet; please speak to your professor about it before class.

**YOUR STUDENT WOU EMAIL ACCOUNT**

All official university and class business and announcements will be directed to your WOU student email account. If you do not regularly check this account, please log in to

this account and FORWARD your WOU email to an account that you do regularly access.

**VETERANS AND ACTIVE MILITARY PERSONNEL** with special circumstances are welcome and encouraged to communicate these, in advance if possible, to the instructor. For WOU Veteran resources; please see <http://wou.edu/veterans/>.

### **APPROPRIATE CLASSROOM BEHAVIOR**

You are ultimately responsible for your own attendance and performance. Disruptive classroom behavior of any kind, such as talking during lecture or consistently coming to class late etc., is not appropriate. Proscribed Conduct for all students is described in the University Catalog.

In particular for this course any student found cheating on an exam or copying from another student's exam paper will receive a zero score on that exam and a report of this activity will be sent to the Student Affairs office.

### **LEARNING DISABILITIES**

If you have a documented learning disability, please talk to me during the first few days of class, I will be more than happy to accommodate you. If you have a documented disability, which requires any academic accommodations, you must go to the Office of Disability Services (ODS) for appropriate coordination of your accommodations. You can drop by APSC 405 or contact ODS at (503) 838-8250 (V,TTY) to schedule an appointment.

To set up an *Accommodations Contract*, please bring a laptop with wireless access to my office hours to log into your personal AIM account and set up the contract. If you don't own a laptop with wireless access, please contact ODS for assistance.

### **STUDENT HEALTH**

Students needing medical or mental health care can access the Student Health and Counseling Center on line at <http://www.wou.edu/health/>, emailing at [health@wou.edu](mailto:health@wou.edu), or by walking in to schedule an appointment or by calling: **Medical Services** (503) 838.8313; **Counseling Services** (503) 838.8396

### **INCOMPLETE POLICY**

An Incomplete can only be granted for a student who is passing a class and has a documented emergency that prevents them from completing a very small portion of the course (e.g., the final exam), after Friday of the seventh week of class, which is the last day for dropping a course with W grade.