

**MATH 125 Section 24 | *Quantitative Reasoning* / Spring 2021**  
**MWF 1:00-1:50pm,**

**Instructor:** Mr. Eric Wilken | **Office:**  
**Leave messages at:** | **Email** me via Canvas or at

**Virtual Office Hours:** T 12:00 – 2:00pm and by Appt.

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**Text and Materials:**

- *Thinking Mathematically*, 7<sup>th</sup> edition, by Blitzer (Most of chapters 8, 11, 12, and 13).
- A good scientific calculator, such as the TI-30 XS, is required.
- Cell phones and other personal devices may not be used during class.
- Students will regularly need to bring laptops.

**Course Description & Rationale:**

MATH 125 satisfies the university core curriculum requirement for mathematics.

- This course covers aspects of:
  - Personal finance
  - Probability
  - Statistics
  - Voting and Apportionment

We will use a variety of fundamental mathematical skills to analyze situations not typically covered in a traditional sequence of mathematics courses. We will develop problem-solving skills enabling students to be capable and productive leaders and citizens.

**Course Objectives & Learning Outcomes:**

Students are expected to master the manipulation of mathematical symbols and gain a new perspective on mathematical thinking, with the hope that they will recognize situations where these skills may be applied. These tools are used to provide a new way of looking at today's world at a collegiate level. Among other things, students will learn the following:

- How to extract useful mathematical information from data presented in numerical or graphical form.
- How to present data in graphs and tables to communicate information, both by hand and using technology.
- How to use technology to gain knowledge and solve real-world problems.
- How to interpret and draw conclusions from data, both for a single variable and for two variables.
- How to communicate effectively in writing, using proper English and correct mathematical terminology, in the context of finances and statistics.

**Class Structure, Attendance, and Participation:**

Class time will be primarily devoted to lecture and class activities.

**Assignments:**

- Most work will be submitted through the online MyMathLab (MML) system and all assignments will be graded.
  - No late work will be accepted in MML, but the 4 lowest scores will be dropped.

- Assignments required in preparation for class (labeled as “Prep Work” in MML) should be completed before coming to class lectures or, in the case of online instruction, watching the pre-recorded lecture videos.
- Face-to-Face class session assignments and additional assignments outside of MML will have designated due dates.
  - If you cannot attend your designated face-to-face session, you must complete the class session assignment outside of class by the due date.
  - All non-MML and non-Exam/Quiz assignments can be submitted late for partial credit.

### **Exams:**

- There will be 4 exams.
- The fourth will be the final exam and will cover the last chapter addressed. The final will take place on Thursday May 6<sup>th</sup>, 2021 at 12:00pm.
- Exams can be made up at the discretion of the instructor and only if the student makes arrangements no later than the day of the exam.

### **Participation:**

Students who are sick, or who are engaging in self-quarantine, should contact their instructor and participate in course activities remotely if they are able to do so. Students should assume that all due dates and course requirements still apply. Students participating remotely should follow the normal procedures for reporting absences. If you let me know that you are unable to attend class, there will be no impact on your attendance or participation grade. **Please do not come to class if you feel sick.**

### **Course Grade:**

MyMathLab Assignments (Prep Work and Homework)	20%
Non-MML Assignments (ex. Quizzes, Discussion Boards, In-Person Assignments)	15%
Attendance/Class Participation	5%
<u>Exams</u>	<u>60% (15% each)</u>
<b>Total</b>	<b>100%</b>

### **Grading Scale:**

The following grading scale is my guideline for grades each semester. If students perform well enough by this scale, this is the grading scale I will use. However, I will make the scale more lenient if I feel this scale was too harsh for the semester at hand. I will never make the scale more harsh!

A	100%-93%
A-	<93%-90%
B+	<90%-87%
B	<87%-83%
B-	<83%-80%
C+	<80%-77%
C	<77%-73%
C-	<73%-70%
D+	<70%-65%
D	<65%-63%
D-	<63%-50%
F	below 50%

**Important Dates:** The add/drop period for this course by web ends on Monday, January 25<sup>th</sup>. The course withdrawal period ends Monday, March 22<sup>nd</sup>. Before this date, students can elect to receive a “W” by completing and submitting the proper form. The instructor’s permission is not required. For details, see Degree Requirements and Time Limits in the current undergraduate catalog. Additionally, this semester there are three study days where classes are not expected to be held: February 24<sup>th</sup>, March 23<sup>rd</sup>, and April 14<sup>th</sup>.

**Face Mask Policy:** Ball State University requires that students wear face masks while inside campus buildings, including in classrooms and laboratories. Face masks are required in this class as social distancing cannot be maintained at all times. If you are unable to wear a face mask, please contact the Office of Disability Services to request an accommodation.

**Accommodations Statement:**

*Do not hesitate to contact me with any questions or concerns. If you need course adaptations or accommodations because of a disability, please contact me as soon as possible. Ball State’s Disability Services Office coordinates services for students with disabilities; documentation of a disability needs to be on file in that office before any accommodations can be provided. Disability Services can be contacted at 765-285-5293 or [dsd@bsu.edu](mailto:dsd@bsu.edu).*

**Assistance:**

For Fall 2020, all tutoring and academic coaching appointments will take place online via WebEx. Students can begin making appointments on Thursday, August 27. Tutoring and Academic Coaching will begin on Monday, August 31. This is a free service for students. To make an appointment, visit [my.bsu.edu](http://my.bsu.edu) and click on “TutorTrac.” For more information, visit [www.bsu.edu/learningcenter](http://www.bsu.edu/learningcenter) or call 765-285-3780. The Learning Center's physical space, NQ 350, will not be open for in-person Tutoring or Academic Coaching during Fall 2020 due to the COVID-19 pandemic.

**Diversity Statement:**

Ball State University aspires to be a university that attracts and retains a diverse faculty, staff, and student body. We are committed to ensuring that all members of the community are welcome, through valuing the various experiences and worldviews represented at Ball State and among those we serve. We promote a culture of respect and civil discourse as expressed in our [Beneficence Pledge](#) and through university resources found [here](#).

**Academic Integrity/Plagiarism Policy:**

The integrity of the classes offered by any academic institution solidifies the foundation of its mission and cannot be sacrificed to expediency, ignorance, or blatant fraud. Therefore, I will enforce rigorous standards of academic integrity in all aspects and assignments of this course. Please review the University's Academic Integrity Policy/

<https://guides.lib.unc.edu/plagiarism/> provides you with a great foundation in Academic Integrity.

**FERPA and Privacy Statement:**

As a student, your educational records are considered confidential. Under FERPA (Family Educational Rights and Privacy Act), your records are confidential and protected. Under most circumstances, your records will not be released without your written and signed consent. However, some directory information may be released to third parties without your prior consent unless a written request to restrict this is on file. You can learn more about student rights to privacy by reading [Ball State's FERPA and Privacy and Protection](#).

## **Counseling Center Information**

If you are experiencing mental health concerns, telehealth services are available – here is a link to the [Counseling Center website](#).

## **Important Links:**

Covid-19 Quick Links

<https://www.bsu.edu/about/administrativeoffices/emergency-preparedness/pandemicfluprep/coronavirus>

Return to Campus Plan for Students

<https://www.bsu.edu/about/administrativeoffices/emergency-preparedness/pandemicfluprep/coronavirus/plans-resources/return-to-campus-plan-for-students>

Cardinals Care Pledge

<https://www.bsu.edu/about/administrativeoffices/emergency-preparedness/pandemicfluprep/coronavirus/cardinals-care-pledge>

Student Academic Ethics Policy

<https://www.bsu.edu/about/administrativeoffices/studentrights/policiesandprocedures/studentcode/student-academic-ethics-policy>

Code of Student Rights and Responsibilities

<https://www.bsu.edu/about/administrativeoffices/studentrights/policiesandprocedures/studentcode>.