Department of Mathematics and Statistics  
MATH 1351 – 501 Intermediate Mathematics for Elementary Teachers  
Summer II 2023 Syllabus and Course Policy

Name: Danielle Johnson  
Office Hours: By appointment through Zoom

Email: drjohnson@sfasu.edu  
Department: Mathematics and Statistics

***** Please use D2L email to email me this semester until I email you through D2L and let you know that my regular SFASU email is working again. Currently, I am not able to check my drjohnson@sfasu.edu email due to technical difficulties. ************

Class meeting time and place: This will be an online, asynchronous course. We do not have a scheduled class time. Content is posted on D2L for you to read and review, then you will complete the assignments on D2L by the due date. Due dates will be every Monday and Thursday, starting this Thursday, July 6, 2023.

Office Hours: Office hours are held through Zoom by appointment.  
Office hours ZOOM: link: https://sfasu.zoom.us/my/drcarriere?pwd=M3VDZkpRMnRSUUFRWFBmRXgzUzkwdz09  
or use the Meeting ID: 451 497 5134 and Passcode: 429842

*** Email me to set up an appointment to zoom for office hours.

Current Text and Materials

- A compass used for drawing circles, scissors and ruler (straight edge) are required for the activities and exams in this course. You will also be able to use the website www.Geogebra.com in lieu of a physical compass.
- A scientific or graphing calculator with a pi and square root key is needed in this course. However, you should not rely on computers and/or calculators to such an extent that they keep you from developing your own skills. Technology should be used as an aid, but without a good understanding of the underlying mathematical concepts, the calculator will quite happily mislead you without your even knowing it. In general, technology is a good thing, but as with everything, sometimes too much of a good thing can lead to problems.


- We will use the Class activities from the 6th edition (all required class activities are posted in a module called Class Activities 6th edition under the content tab in D2L)

Course Goals

- To understand the mathematics essential to successful teaching in the elementary school classroom.
- To acquire a foundation in geometry, statistics, probability, and counting.
- To gain skill in problem solving and critical thinking.

Course Requirements:

- D2L access. You will be required to access D2L (at http://d2l.sfasu.edu) and read and complete assignments and quizzes through the D2L system. You should logon daily to participate in required/graded course discussions and to check for announcements, updates, and email messages from the instructor.
- Reading the textbook is essential to the learning process and is expected. You should read the sections covered in each module carefully before attempting investigations, discussions, and/or homework problems. It will likely be necessary to read each section more than once.
• Active participation through completing assignments and asking questions is expected. This course is taught with an emphasis on inquiry rather than lecture. Learning within this framework requires completing classroom activities and creating a deep understanding of the material. Class activities will be completed via Quizzes on D2L.

• Working homework problems from the textbook is essential to the learning process and is expected. Homework is collected for grading. Scan handwritten pages and upload 1 PDF document, oriented correctly, to the appropriate D2L Dropbox. Discussion board posts regarding homework problems are not required.

• A midterm exam lasting 2 hours and final exam lasting 2 hours will be administered through a D2L quiz. Written work will be scanned as 1 PDF, oriented correctly, and uploaded to a specified drop box folder in D2L. The dates for the exams are listed in the chart below and on the ‘Tentative Course Calendar’ on D2L.

• Initiative to seek help through emails, ZOOM meetings, or the AARC if necessary, in order to succeed in the course.

Attendance Policy

• You should logon to the D2L system daily to read or review content or feedback, and to check for email messages, announcements, and updates.
• This course is taught with an emphasis on inquiry rather than lecture.
• Late work is not accepted.
• Exam make-ups must be approved beforehand with documentation of a valid university sanctioned excuse.
• The university's Attendance and Excused Absences Policy can be found at http://www.sfasu.edu/policies/class_attendance_excused_abs.asp

The Online Class Environment

• The format for this course will probably be different from your previous math classes. Students spend time working, discussing, and explaining problems. You should not expect that the instructor will lecture, or that you will have a clearly defined set of notes or PowerPoint-type slides. Instead, you and your classmates will construct your own knowledge with the professor facilitating discussions and asking questions. Getting used to this format requires some time, so be patient.
• The instructor will ask many questions. These are not rhetorical questions. These questions are asked so that you can develop deeper understanding of the course content.
• I will send emails to the entire class and/or make News Feed announcements during the course. Check your D2L email and New Feed daily.

Making Your Homework Easy to Read and Easy to Grade

• Make sure your handwriting and any drawings are legible.
• Write you name in the upper right-hand corner of each page.
• Problems should be clearly labeled and numbered on the left side of the page. There should also be a visible separation between problems.
• To ensure that each problem is graded, problems and solutions should be written in the order that they are assigned.
• It is good practice to first work out the solutions to homework problems on scratch paper, and then to neatly write up your solutions. This will help you turn in a clean finished product.
• You should write up your solutions by yourself. You should always acknowledge any help received at the top of the assignment or in the right-hand margin.
• Take advantage of the instructor by emailing questions or setting up appointment(s) for ZOOM meeting(s).

Grading and Exams

There will a 2-hour midterm exam and a 2-hour final exam. The exams will be administered through a quiz on D2L, with written work scanned as 1 PDF document, oriented correctly, and uploaded to a specified
drop box within 10 minutes of submitting the exams. You will have a 1-day window for taking the exam. (See Tentative Course timeline in the Getting Started Module for more details.

Your course grade will be calculated as follows:

<table>
<thead>
<tr>
<th>Component:</th>
<th>Class Activity quizzes</th>
<th>Homework</th>
<th>Midterm Exam (July 20)</th>
<th>Final Exam (August 3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percentage:</td>
<td>15%</td>
<td>20%</td>
<td>30%</td>
<td>35%</td>
</tr>
</tbody>
</table>

When I calculate your final grade at the end of the course, I will calculate a score on a 0-100 point scale using the scores that you have obtained during the course, and the grade breakdown below.

<table>
<thead>
<tr>
<th>Numerical Grade:</th>
<th>0-59</th>
<th>60-69</th>
<th>70-79</th>
<th>80-89</th>
<th>90-100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corresponding Letter:</td>
<td>F</td>
<td>D</td>
<td>C</td>
<td>B</td>
<td>A</td>
</tr>
</tbody>
</table>

Exam Policy

Exams in this course will be administered through a quiz in D2L during the specified time period listed in the table above and in the Tentative Course Calendar in the Getting Started module. Each exam will be comprehensive, with an online and written component. After pressing ‘Start Quiz’ you will have 2 hours to complete the midterm exam and 2 hours to complete the final exam. The written work will be scanned and uploaded to a specified drop box as 1 PDF, oriented correctly, within 10 minutes of submitting the quiz.

Exams must be taken on the specific dates listed above. There should be no reason to miss an exam other than:

1. A medical excuse. Please provide proper documentation according to university policy.
2. A University sponsored event such as an athletic tournament, a play, or a musical performance. Your coach or director must contact us in advance. Athletic practices and rehearsals do not fall into this category.
3. A religious holiday. Please send a short email explaining the situation.
4. Extreme hardship such as a family emergency. Please have the proper university office notify us.

The previous list are the only allowable excuses for taking an exam before the scheduled time. Under no circumstances will an exam be administered late.

The following is an excerpt from SFA Policy 5.4:

The federal definition of a credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates:

1. Not less than one hour of classroom or direct faculty instruction and a minimum of two hours out-of-class student work each week for approximately fifteen weeks for one semester or trimester hour of credit, or 10 to 12 weeks for one quarter hour of credit, or the equivalent amount of work over a different amount of time, or;
2. At least an equivalent amount of work as outlined in item 1 above for other academic activities as established by the institution including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours.

To this end, all students in courses offered by the Department of Mathematics and Statistics that wish to be successful should plan to spend a minimum of two hours outside of class for every credit hour associated with this course. Expected activities to be completed in the time outside of class include reviewing notes from previous class meetings, reading assigned course resources, completing all assigned exercises and projects, and performing periodic assessment preparation.

See [http://www2.sfasu.edu/math/docs/syllabi/MTH127Syllabus.pdf](http://www2.sfasu.edu/math/docs/syllabi/MTH127Syllabus.pdf) for elements common to all sections.

SFASU values students’ mental health and the role it plays in academic and overall student success. SFA provides a variety of resources to support students mental health and wellness. Many of these resources are free, and all of them are confidential.
On-campus Resources:

1. SFASU Counseling Services
   www.sfasu.edu/counselingservices
   3rd Floor Rusk Building. (936)468-2401
2. SFASU Human Services Counseling Clinic
   www.sfasu.edu/humanservices/139.asp
   Human Services Room 202. (936)468-1041