Instructor: Dr. Huy V. Nguyen

Office: Math House 214

Office Hours: MoTuWeTh 2:00pm-4:00pm. Others by email appointment.

E-mail: nguyenhv2@stthom.edu

Class Meeting Time: MoWeFr 9:10am - 10:00am in STRAKE 206.


Calculator: Any scientific calculator would suffice. However, you must show enough work. Answers without the proper supporting details will not receive full credit. Cellphone/calculator apps are NOT allowed.

Course Objectives:

- Improve previously learned fundamental skills in arithmetics and algebra.
- Establish a solid understanding of functions and how they are related to applications in business and finance. Know how to graph, evaluate, and work with different types of basic functions – linear, quadratic, polynomial, rational, exponential, and logarithmic.
- Learn and practice techniques for solving different types of equations – linear, quadratic, polynomial, rational, exponential, and logarithmic.
- Improve critical thinking and problem-solving skills by working on various examples drawn from business and finance, including but not limited to: break-even analysis, Supply and Demand, optimization, compound interest, annuities, and amortization.

Course Structure:

Homework
Will be assigned at the end of each lecture. You may find a list of problems on Blackboard. Designed to give the students an opportunity to practice fundamental skills and problem-solving skills. Not to be graded.

Quizzes
Will be given every Friday at the end of class to see how well the students have learned the recently covered materials. Each Quiz includes 2-4 problems that are very similar to the problems from the Homework List.

Exams (3 total)
These are designed to give the students an opportunity to demonstrate the skills and knowledge they have obtained and their mastery over the new concepts. The problems on the Exams are very similar to those on the Homework and the Quizzes.

Final Exam
Comprehensive. Given at the end of the semester to give the students a chance to demonstrate the skills and knowledge they have obtained throughout the semester. The problems on the Final Exam are very similar to those on the Exams, Quizzes, and the Homework.

Make-ups
No make-ups allowed. If you are late, you will not receive extra time. Any exceptions, university and/or emergency-related situations will be handled on a case-by-case basis. If you missed an exam or the final, you must contact the instructor within 24 hours.
Grading
Your grade will be calculated based on the following percentages:

Quizzes: 10%
Exams (3): 60% (20% each)
Final Exam: 30%

Your letter grades will be determined based on the following scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>92.5–100</td>
</tr>
<tr>
<td>A–</td>
<td>89.5–92.4</td>
</tr>
<tr>
<td>B+</td>
<td>86.5–89.4</td>
</tr>
<tr>
<td>B</td>
<td>82.5–86.4</td>
</tr>
<tr>
<td>B–</td>
<td>79.5–82.4</td>
</tr>
<tr>
<td>C</td>
<td>76.5–79.4</td>
</tr>
<tr>
<td>C+</td>
<td>72.5–76.4</td>
</tr>
<tr>
<td>C–</td>
<td>69.5–72.4</td>
</tr>
<tr>
<td>D</td>
<td>66.5–69.4</td>
</tr>
<tr>
<td>D+</td>
<td>62.5–66.4</td>
</tr>
<tr>
<td>F</td>
<td>0–59.4</td>
</tr>
</tbody>
</table>

Blackboard
Blackboard (BB) will be our main platform of communication. Here you will find your grades, announcements, and any course documents. To access BB, go to https://blackboard.stthom.edu/. The login credentials for BB are your Celt username and password.

Important Dates
• Feb 3 – Last day to drop the course without academic penalty.
• Feb 20 – Exam 1.
• Mar 13–17 – Spring Break.
• Mar 27 – Exam 2.
• Mar 31 – Last day to drop the course and receive W (Withdraw)
• Apr 13–14 – Easter Break.
• Apr 28 – Exam 3.
• May 5 – Last day of classes.
• FINAL EXAM – WEDNESDAY, MAY 10 FROM 8:30AM–11AM – IN CLASS.

Attendance Policy
You must attend lectures in order to perform well in any math class. The official attendance policy of UST will be strictly enforced. Attendance will be taken every class and will be reported to the Office of the Registrar.

Classroom Conduct Policy
• No disruptive behaviors. Technologies are allowed as long as they are not distracting or interfering with another student’s learning.
• Be kind and respectful to each other.

Academic Integrity Policy
The official Academic Integrity Policy of UST will be strictly enforced.

Need help? Talk to me. Come by my office hours or email me to schedule an appointment if you have any question and/or concern. Any student with a disability requiring accommodations in this course is encouraged to contact Counseling and Disability Services in Crooker Center. Their offices can be reached at (713) 525-6953 or 2169.

HAVE A SUCCESSFUL SEMESTER! #GoCELTS