**MAT119-CLASS PLANS-FALL 2020**

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**Text:** **"Algebra and Trigonometry"** , **4th Ed. By Stewart et.al.**

**Office Hours:** **Questions, Discussions, Concerns, must be handled by email!**

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| **Description** | Trig 119 introduces Trigonometric Functions from two approaches: Using triangles with angles as the inputs for the Functions and using circles with real numbers as the inputs. Basic properties, graphs, inverses and identities are discussed. Applications that involve solving Trig equations, solving triangles and problems from various fields outside of math are covered. |
| **Assignments** | For each section in the text, assignments will include a study of the text, of lecture notes made available in CANVAS, example problems in the text and assigned exercises at the end of each section. |
| **Course Grading** | Three quizzes, two tests and a final exam are planned. They will all be timed events and will be open book and in multiple choice format. All will be accessed in CANVAS. |

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| | Quizzes- | 60 pts. each | 180 pts. |
| | Tests- | 150 pts. each | 300 pts. |
| | Final- | 250 pts. | 250 pts. |

**Advice**          Students should:      1. **Familiarize yourself with CANVAS**
2. **Obtain a text**
3. **Obtain a calculator with TF's**
4. **Keep a problem notebook for review**
5. **Attend all classes**
6. **Stay up to date in your study of the material**

**Class Plans**

**A tentative schedule for lectures, readings, tests and quizzes is given below.**

| Week of | Tues. | Thurs. |
|---|---|---|
| **Aug. 31** | | Intro. Sec. 5.1 |
| **Sep. 7** | Sec. 51, 5.2 | Sec. 5.2, 5.3 |
| **Sep. 14** | Sec. 5.3 | QUIZ |
| **Sep. 21** | Sec. 5.4 | Sec. 5.4, 5.5 |
| **Sep. 28** | Sec. 5.5, 5.6 | Sec. 5.6, REVIEW |
| **Oct. 5** | TEST | Sec. 6.1 |
| **Oct. 12** | Sec. 6.1, 6.2 | Sec. 6.2, 6.3 |
| **Oct. 19** | Sec. 6.3 | QUIZ |

| Oct. 26 | Sec. 6.4 | Sec. 6.4. 6.5 |
| Nov. 2 | Sec. 6.5, 6.6 | Sec. 6.6, REVIEW |
| Nov. 9 | TEST | Sec. 7.1 |
| Nov. 16 | Sec. 7.1, 7.2 | Sec. 7.2 |
| Nov. 23 | Sec. 7.3 | THANKSGIVING |
| Nov. 30 | QUIZ | Sec. 7.4, 7.5 |
| Dec. 7 | Sec. 7.5, REVIEW | LAST CLASS, REVIEW |
| Dec. 14 | FINAL EXAM TBA | |

**BE SURE TO STAY UP TO DATE!!!**