

## Syllabus

### MATH-4933-301 Topic: Foundations of Geometry

Summer Sem 2019

**Instructor: Dr. Austin Kureethara Manuel**

**Office: 101 B, Ferguson**

**Phone: (940)397-4136**

#### **E-mails**

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#### **Office hours**

Being an online independent study, we will meet using zoom.us as needed (please schedule any meetings).

#### **Required resource**

*Euclidean Geometry: A Guided Inquiry Approach*, by David M. Clark.

#### **Prerequisite for the course**

MATH 2133

#### **Materials**

A compass and straight edge.

#### **Objectives**

Elementary geometry from an advanced point of view. An axiomatic study of Euclidean geometry plus additional topics which may include finite geometries and non-Euclidian geometries. This course is appropriate for those seeking mathematics teacher certification (4-8 and 7-12 math certifications).

#### **Attendance / Participation**

Students should participate in all activities of this course. It is important that students should meet all the deadlines as posted online. In case of any emergency situation (like death or illness in family and so on) it is important that the student should report the same to the professor in a timely manner. It is your course and the primary intention should be to reach the goals and acquire proficiency in the topics discussed in the course. Excessive tardiness or absence (as determined by the professor) might result in instructor-drop,

if required.

### **Instructor-drop**

As per the College policies, an instructor may drop a student any time during the semester for excessive absences, for consistently failing to meet class assignments, for an indifferent attitude, or for disruptive conduct. Instructor will give the student a verbal or written warning prior to dropping the student from the class. The instructor-drop take precedence over the student-initiated course drop of a later date. The instructor will assign a grade of either WF or F through the first 8 weeks of this semester. After this period, the grade will be an F. The date the instructor drop form is received in the Office of the Registrar is the official drop date.

### **Academic Honesty and Intellectual Property**

Cheating, collusion, and plagiarism (the act of using source material of other persons, either published or unpublished, without following the accepted techniques of crediting, or the submission for credit of work not the individuals to whom credit is given). Additional guidelines on procedures in these matters may be found in the Office of Student Conduct.

By enrolling in this course, the student expressly grants MSU a limited right in all intellectual property created by the student for the purpose of this course. The limited right shall include but shall not be limited to the right to reproduce the student's work product in order to verify originality, authenticity, and educational purposes. Student Handbook 2018-19

### **Course Evaluation**

Homework problems: 25% of the final grade.

Quizzes: 15% of the final grade.

Mid-term exam: 30% of the final grade.

Cumulative final Exam: 30% of the final grade.

**Both the exams will be paper-pencil exams. NO calculators will be allowed for the exam.  
The exam will be proctored.**

### **Tentative Test Dates**

Please note that the following test dates are tentative and may be changed. Any change will be announced in a timely manner.

Mid-term Exam --- Tuesday, July 2, 2019, 2 pm – 3:30 pm.

Final Exam --- Tuesday, August 6, 2019, 2 pm – 3:30 pm

### **Letter grades**

The final letter grades will be determined by the following scale:

A --- 90% and above

B --- 80% - 89%

C --- 70% - 79%

D --- 60% - 69%

F --- 59% and below

### **Desire-to-Learn (D2L)**

Extensive use of the MSU D2L program is a part of this course. Each student is expected to be familiar with this program as it provides a primary source of communication regarding assignments, examination materials, and general course information. You can log into D2L through the MSU Homepage. If you experience difficulties, please contact the technicians listed for the program or contact your instructor.

### **Students with Disabilities**

Students with disabilities need to contact the Disability Support Services Office at (940) 397-4140 or in the Clark Student Center, Room 168. For the telecommunication device for the deaf, call (940) 397-4515.

### **MSU Student Handbook and Activities Calendar**

Students should refer to the current MSU Student Handbook and Activities Calendar for university policies on Academic Dishonesty, Attendance, Student Rights and Activities.

### **Grade Appeal Process**

Students who wish to appeal a grade should consult the Midwestern State University graduate catalog for the process.

### **University Guideline for Concealed Carry of handguns on Campus**

Senate Bill 11 Handgun Policy -Senate Bill 11 passed by the 84th Texas Legislature allows licensed handgun holders to carry concealed handguns on campus, effective August 1, 2016. Areas excluded from concealed carry are appropriately marked, in accordance with state law. For more information regarding campus carry, please refer to the University's webpage at: Campus Carry. If you have questions or concerns, please contact MSU Chief of Police Patrick Coggins at [patrick.coggins@mwsu.edu](mailto:patrick.coggins@mwsu.edu).