

Math 7960 001 (81951)
Fall, 2019
MW 4:00 pm – 5:25 pm
Dunn Hall #249

Instructor: Dr. Tsz Ho Chan

Office/Phone/Email Address: Dunn Hall 352; (901) 678-2760; tchan@memphis.edu

Office Hours: MWF 9:00 – 10:00 am, MW 1:00 pm – 2:00 pm, or by appointment

Course Title: GA Teaching & Academic Strategies **Credit:** 3 semester hours

Required Text: None

Course Objectives: Upon completion of this course, students will be able to prepare and teach mathematics effectively in the college classroom, following FERPA guidelines, and providing accessible course material. In addition, they will have acclimated to academic life at the University of Memphis, acquired ability to understand Latex, and other computer tools to assist them in their research as well as in their teaching assignments.

Email Requirements: All correspondence will be made through your **University of Memphis** email account.

Academic Integrity: Plagiarism, cheating, and other forms of academic dishonesty are prohibited. Students guilty of academic misconduct, either directly or indirectly, through participation or assistance, are immediately responsible to the instructor of the class in addition to other possible disciplinary sanctions which may be imposed through the regular institutional disciplinary procedures.

Disabilities: Any student who may need class or test accommodations based on the impact of a disability is encouraged to speak with me privately to discuss your specific needs. Students with disabilities should also contact Student Disability Services (SDS) at 110 Wilder Tower, 678-2880. SDS coordinates reasonable accommodations for students with documented disabilities.

Assessment: Attendance and Class Participation	20%
Homework	30%
Presentations	40%
Use of learning management systems	10%

Tentative Course Schedule:

Week 1	8/26 Mon 8/28 Wed	Qualities of a good teacher Different learning styles
Week 2	9/2 Mon 9/4 Wed	Labor Day – No class Asking good questions
Week 3	9/9 Mon 9/11 Wed	Different level of understanding Outside speaker?
Week 4	9/16 Mon 9/18 Wed	Different teaching methods Sample teaching

Week 5	9/23 Mon 9/25 Wed	Assessment and grading Design lesson plan
Week 6	9/30 Mon 10/2 Wed	Classroom climate Presentation and discussion
Week 7	10/7 Mon 10/9 Wed	Outside speaker? How to motivate students
Week 8	10/14 Mon 10/16 Wed	Fall Break – No class LaTeX?
Week 9	10/21 Mon 10/23 Wed	Outside speaker? Classroom visit?
Week 10	10/28 Mon 10/30 Wed	Facilitate group work Other cooperative learning methods
Week 11	11/4 Mon 11/6 Wed	Present in-class activities Video and discussions
Week 12	11/11 Mon 11/13 Wed	Use of technology Flipped Classroom
Week 13	11/18 Mon 11/20 Wed	Student issues: cheating, misbehaviors Student issues: sexism, racism, ...
Week 14	11/25 Mon 11/27 Wed	Teaching philosophy Thanksgiving – No class
Week 15	12/2 Mon 12/4 Wed	Sample teaching Sample teaching