

Math 2702 001 (81842)
Fall, 2018
TR 9:40 am – 11:05 am
Dunn Hall #203

Instructor: Dr. Tsz Ho Chan

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

Office Hours: MW 1:00 – 2:00 pm, TR 11:10 am – 12:10 pm, or by appointment

Course Title: Introduction to Proofs **Credit:** 3 semester hours

Required Text: Lecture Notes by Mate Wierdl, <http://wd369.memphis.edu/apu/2702notes.pdf>

Course Description: You will gain understanding and facility with correct mathematical reasoning. Topics include basic logic, sets and set operations, induction, elementary number theory, relations and functions, counting and probability, pigeonhole principle.

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 the instructor privately to discuss your specific needs. Students with disabilities should also contact Disability Resources for Students (DRS) at 110 Wilder Tower, 678-2880. DRS coordinates reasonable accommodations for students with documented disabilities.

| | |
|---|-----|
| Assessment: Attendance and Class Participation | 10% |
| Homework (Weekly) | 30% |
| Mid-term Exams (Sep 27 & Nov 1) | 30% |
| Final Exam (Dec 11, 10:30 am – 12:30 pm) | 30% |

Grade: **A:** 90-100%, **B:** 80-89%, **C:** 70-79%, **D:** 60-69%, **F:** 59% or below. +/- grading will be used.

Homework: Homework will be assigned on a weekly basis. Each assignment will be weighted equally. The lowest homework grade will be dropped. Homework must be neatly written and stapled. *No late homework will be accepted without prior permission.*

Exams: There will be two in-class mid-term exams and a comprehensive final exam. All exams are closed book exams. *No makeup exams without prior permission. Final exam is mandatory.*