

HUM 2510.03: Logic

Andrew Aberdein

Crawford S624 ☎ (321) 674 8368

Office Hours: Tuesday & Thursday, 12.30–3 pm

aberdein@fit.edu my.fit.edu/~aberdein

August 17, 2017

Class Time & Location

TUESDAY & THURSDAY, 5–6.15 pm, Crawford 609.

Course Objectives

- To become familiar with the principal systems of logical inference
- To improve critical thinking skills

Text

Required: MAGNUS & al. *For All X: The Florida Tech Fusion*, available as a pdf at <http://goo.gl/IF8rg>.

Grading

All exams will be held in regular classroom. As usual, $90\%+ = A$; $80-89\% = B$; $70-79\% = C$; $60-69\% = D$; $0-59\% = F$.

1. First Midterm Exam (Sixth Week);
 2. Second Midterm Exam (Twelfth Week);
 3. Cumulative Final Exam (**Tuesday 12th December, 6–8 pm**);
 4. Your five best (of at least ten) pop quiz grades;
- will each contribute one quarter to the overall grade.

Course Regulations

- Any form of academic dishonesty will result in **a grade of F for the course**. You are responsible for knowing all Florida Tech policies on academic dishonesty (see www.fit.edu/current/documents/plagiarism.pdf).

- Students are expected to attend **all** classes. Missed pop quizzes will score 0: make-up quizzes will not normally be provided.

- All personal electronic devices to be muted in class and **switched off completely** during exams.

Course Outline

WEEKS 1–2: Introductory

READ: *For All X*, Part I.

WEEKS 2–5: Traditional Logic

READ: *For All X*, Part II.

First Midterm Exam

STUDY: *For All X*, Part II.

WEEKS 6–11: Symbolic Logic, Propositions

READ: *For All X*, Part III.

Second Midterm Exam

STUDY: *For All X*, Part III.

WEEKS 12–13: Symbolic Logic, Quantifiers

READ: *For All X*, Part IV.

WEEK 14–15: Informal Logic

READ: Copi, Cohen & Flage: *Essentials*, Chp 2 (available as pdf at <http://goo.gl/IF8rg>).

Cumulative Final Exam

Title IX?

Title IX of the Educational Amendments Act of 1972 is the federal law prohibiting discrimination based on sex under any education program and/or activity operated by an institution receiving and/or benefiting from federal financial assistance. Behaviors that can be considered “sexual discrimination” include sexual assault, sexual harassment, stalking, relationship abuse (dating violence and domestic violence), sexual misconduct, and gender discrimination. You are encouraged to report these behaviors. **Reporting:** Florida Tech can better support students in trouble if we know about what is happening. Reporting also helps us to identify patterns that might arise – for example, if more than one complainant reports having been assaulted or harassed by the same individual.

Florida Tech is committed to providing a safe and positive learning experience. To report a violation of sexual misconduct or gender discrimination, please contact Security at 321-674-8111. * **Please note that as your professor, I am required to report any incidences to Security or to the Title IX Coordinator (321-674-8700).** *Confidential support for students is available by contacting the Student Counseling Center at 321-674-8050.*

Academic Accommodations: Florida Tech is committed to equal opportunity for persons w/disabilities in the participation of activities operated/sponsored by the university. Therefore, students w/documented disabilities are entitled to reasonable educational accommodations. The Office of Disability Services (ODS) supports students by assisting w/accommodations, providing recommended interventions, and engaging in case management services. It is the student’s responsibility to make a request to ODS before any accommodations can be approved/implemented. Also, students w/approved accommodations are encouraged to speak w/the course instructor to discuss any arrangements and/or concerns relating to their accommodations for the class. Office of Disability Services (ODS): Telephone: 321-674-8285 / Email: disabilityservices@fit.edu / Website: www.fit.edu/disability.