HUM 2510.02: Logic

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Class Time & Location

TUESDAY & THURSDAY, 3.30–4.45 pm, Crawford 610.

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 https://is.gd/HUM2510

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 (Eleventh Week);
3. Cumulative Final Exam (Friday 3rd May, 10:30 am–12:30 pm)—the date of this exam has already been fixed and cannot be changed;
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 https://policy.fit.edu/policy/9267).
• 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 2–6: Traditional Logic
READ: For All X, Part II.

First Midterm Exam
STUDY: For All X, Part II.

WEEKS 7–11: 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 https://is.gd/HUM2510)

Cumulative Final Exam
**What is 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 Linda Jancheson, Title IX Coordinator at 321-674-7277 or ljancheson@fit.edu.

* Please note that as your professor, I am required to report any incidents to the Title IX Coordinator. 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 with disabilities in the participation of activities operated/sponsored by the university. Therefore, students with documented disabilities are entitled to reasonable educational accommodations. The Office of Disability Services (ODS) supports students by assisting with 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 with approved accommodations are encouraged to speak with 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.