

COURSE INFORMATION	Location: MTH 112 Class Times: T 14:00-15:15, R 15:00-16:15 Instructor: Dr. Karl Frinkle Office: MTH 112 Office Hours: MWF 10:00-10:50, 13:00-13:50, or by appt. Office Phone: (580)745-2028 E-mail: kfrinkle@se.edu Website: http://homepages.se.edu/kfrinkle
TEXTS	<ul style="list-style-type: none">• <i>Introduction to Logic and to the Methodology of Deductive Sciences</i>, by A. Tarski• <i>Metalogic: An Introduction to the Metatheory of Standard First Order Logic</i>, by G. Hunter• <i>Satan, Cantor and Infinity: Mind-Boggling Puzzles</i>, by R. Smullyan
COURSE OVERVIEW	In this course, we will cover the Chapters 8-10 of <i>Introduction to Logic and to the Methodology of Deductive Sciences</i> , which focuses on axiomatic systems. The course will then focus on formal systems, undecidability and completeness arguments from the first three parts of <i>Metalogic: An Introduction to the Metatheory of Standard First Order Logic</i> .
COURSE OUTLINE	As an independent study, the course will mainly consist of readings, discussions, and solving problems from the texts.
GRADES	Your final grade will be based upon the following item <ul style="list-style-type: none">• 100% - Meeting Preparedness - being prepared for each meeting to ensure proper progress throughout the semester
COURSE MODIFICATION	I reserve the right to change any policies as I see fit to ensure that you are indeed receiving the best possible education that I can give you in the subject matter at hand. If I feel a certain aspect of the course does not appear to be effective in its method, I will attempt to change it (for the better I hope).
CODE OF CONDUCT	It is also expected that everyone will behave in a kind and courteous manner towards fellow students and the instructor. The student handbook can be found at the following URL: http://www.se.edu/dept/student-life/files/handbooks/2015-2016-Student-Handbook.pdf
ACADEMIC CALENDAR	All important SE calendar dates can be found at the following URL: http://www.se.edu/dept/registrar/calendar/
COUNSELING CENTER	Any student experiencing mental or emotional issues who desires free, confidential, clinical counseling is encouraged to contact the SE Counseling Center at (580) 745-2988 to schedule an appointment during normal working hours Monday-Friday, 8:00AM to 5:00PM. For after-hours mental health emergencies, please call SE Campus Police at (580) 745-2911 or the Mental Health Crisis Hotline at 1-(800)522-1090.

DISABILITY
ACCOMMODATIONS

Any student needing special accommodations due to a disability should contact the Office of Compliance and Safety, Administration Building, Suite 311 or call (580) 745-3090 (TDD# 7452704). It is the responsibility of each student who anticipates or experiences barriers to their academic experience to make an official request for disability related accommodations in a timely manner.

EQUITY AND NON-
DISCRIMINATION
STATEMENT

Southeastern Oklahoma State University, in compliance with all applicable federal and state laws and regulations, does not discriminate on the basis of race, color, religion, national origin, sex, age, disability, sexual orientation, gender identity, or status as a veteran in any of its policies, practices, procedures, or programs. This includes, but is not limited to: admissions, employment, financial aid, and educational services. Inquiries regarding non-discrimination and equity policies may be directed to: Michael Davis, Director of Compliance and Safety & Title IX Coordinator, (580) 745-3090, or mdavis@se.edu.