

Abbreviated Summer Syllabus

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I: General Course Structure

- Assignments, Quizzes, and Exams listed will take place on the listed day
 - All files that will need to be downloaded, completed, and uploaded (use a scanner or CamScanner)
- Assignments will be available from the beginning of the term, but need to be submitted by the listed dates
 - Assignments will be completed in randomly assigned groups
- Quizzes will become available on the dates, and when the file is accessed, you will have a time limit (one hour)
- Exam 1 will become available on the date, and when the file is accessed, you will have a time limit (two hours)
- Exam 2 will be taken in-person, or you will have arranged to have it taken through ProctorTrack

	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1 (July 8th)		<u>Lecture 1:</u> -Introduction -Syllabus -Problems	<u>Lecture 2:</u> -Arguments -Simple transcriptions -Truth table rules	<u>Lecture 3:</u> -Complex transcriptions	(Quiz 1)
Week 2 (July 15th)	<u>Lecture 4:</u> -Truth tables and arguments	<u>Lecture 5:</u> -Truth trees (Ass. 1)	(Quiz 2)	<u>Lecture 6:</u> -Complex truth trees	<u>Lecture 7:</u> -Natural deduction (Ass. 2)
Week 3 (July 22nd)	<u>Lecture 8:</u> -Complex natural deduction (Quiz 3)	(Ass. 3)	Review Session 1 (Feedback)	<u>Exam 1</u>	<u>Lecture 9:</u> -Predicate transcription
Week 4 (July 29th)	(Quiz 4)		<u>Lecture 10:</u> -Predicate trees	(Ass. 4)	
Week 5 (August 5th)	<u>Lecture 11:</u> -Predicate natural deduction		<u>Lecture 12:</u> -Complex predicate natural deduction	(Quiz 5)	(Ass. 5)
Week 6 (August 12th)		Review Session 2	(Extra Credit)		<u>Exam 2</u>

II: Course Materials

- Paul Teller, *A Modern Formal Logic Primer*, Prentice Hall, 1989
 - Accessible at <http://tellerprimer.ucdavis.edu/pdf/>
 - I will be uploading or sharing with you the relevant documents.
 - If you would like to have a hard copy of the book for use, you can purchase one through Amazon (though there may be limited copies, given its free accessibility)

III: Outline of Corresponding Readings and Exercises

Connectives and Transcription (Vol. I) Chpt. 1-1, 1-2	None
Connectives and Transcription (Vol. I) Chpt. 1-3, 1-4, 1-5, 1-6, 4-4, 4-5	Ex. 1-4, 1-5, 1-6, 4-6
Truth Tables and Validity (Vol. I) Chpt. 2-1, 2-2, 2-3, 4-1, 4-2	Ex. 2-2, 4-8
Truth Trees for Propositional Logic (Vol. I) Chpt. 8-1, 8-2, 8-3, 8-4, 8-5,	Ex. 4-2, 4-5
Truth Trees for Propositional Logic (Vol. I) Chpt. 9-1, 9-2	Ex. 8-1, 8-3, 8-4
Natural Deduction for Propositional Logic (Vol. I) Chpt. 5-1, 5-2, 5-3	Ex. 9-2
Natural Deduction for Propositional Logic (Vol. I) Chpt. 6-1, 7-1, 7-2, 7-3, 7-4	Ex. 5-1
Review	Ex. 6-1, 6-3, 7-1
Predicate Syntax and Transcription (Vol. 2) Chpt. 1-1, 1-2, 1-3, 4-2, 4-3	Review
Truth Trees for Predicate Logic (Vol. 2) Chpt. 7-1, 7-2, 7-3, 7-4, 8-1, 8-2	Ex. 1-4, 1-5, 4-4, 4-7
Natural Deduction for Predicate Logic (Vol. 2) Chpt. 5-2, 5-3, 5-4, 5-5, 5-6	Ex. 7-1, 7-3, 7-4, 8-8
Natural Deduction for Predicate Logic (Vol. 2) Chpt. 6-1, 6-2	Ex. 5-1, 5-2, 5-5, 5-7
Review	Ex. 6-2, 6-7

III: Grading

- Assignments (20%)
 - Total of 5 assignments graded
 - 10 points each
- Quizzes (20%)
 - Total of 5 quizzes graded
 - 10 Points each
- Exams (60%)
 - Total of 2 exams taken
 - First exam is worth 50 points
 - Second exam is worth 100 points
- Total (100%)
 - 250 Points

Your grade will be determined by the following grading scale:

Grade	A	B+	B	C+	C	D	F
Percentage	100% - 90%	89% - 87%	86% - 80%	79% - 77%	76% - 70%	69% - 60%	59% - 0%
Points	225-250	217-224	200-216	192-199	175-191	150-174	0-150

IV: Additional Resources

Just In Case Web App

<http://codu.co/cee05e>

Access helpful mental health information and resources for yourself or a friend in a mental health crisis on your smartphone or tablet and easily contact CAPS or RUPD.

Counseling, ADAP & Psychiatric Services (CAPS)

(848) 932-7884 / 17 Senior Street, New Brunswick, NJ 08901/ rhscaps.rutgers.edu/

CAPS is a University mental health support service that includes counseling, alcohol and other drug assistance, and psychiatric services staffed by a team of professional within Rutgers Health services to support students' efforts to succeed at Rutgers University. CAPS offers a variety of services that include: individual therapy, group therapy and workshops, crisis intervention, referral to specialists in the community and consultation and collaboration with campus partners.

Violence Prevention & Victim Assistance (VPVA)

(848) 932-1181 / 3 Bartlett Street, New Brunswick, NJ 08901 / vpva.rutgers.edu/

The Office for Violence Prevention and Victim Assistance provides confidential crisis intervention, counseling and advocacy for victims of sexual and relationship violence and stalking to students, staff and faculty. To reach staff during office hours when the university is open or to reach an advocate after hours, call 848-932-1181.

Disability Services

(848) 445-6800 / Lucy Stone Hall, Suite A145, Livingston Campus, 54 Joyce Kilmer Avenue, Piscataway, NJ 08854 / <https://ods.rutgers.edu/>

The Office of Disability Services works with students with a documented disability to determine the eligibility of reasonable accommodations, facilitates and coordinates those accommodations when applicable, and lastly engages with the Rutgers community at large to provide and connect students to appropriate resources.