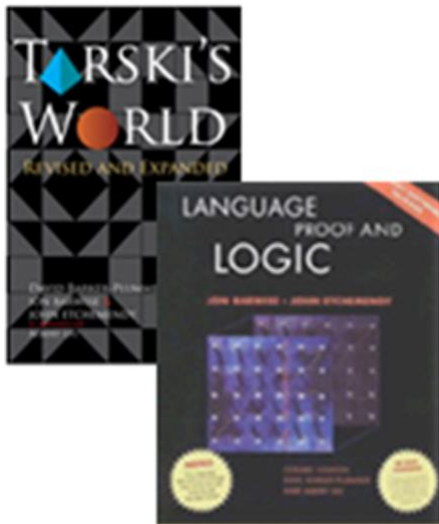


# A Course in First Order Logic

SCIR 297HC  
Summer 2021






Prof. Z. Dong

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STEM Scholars Program

<b>Dates</b>	June 1 – August 13, 2021
<b>Text</b>	<u>Language, Proof and Logic</u> by David Barker-Plummer, Jon Barwise, John Etchemendy
<b>Format</b>	Independent study course, students will <ul style="list-style-type: none"> <li>Follow the <u>Language, Proof and Logic online course</u> from Stanford taught by Prof. John Etchemendy and Prof. Dave Barker-Plummer</li> <li>Watch lecture videos and read the textbook</li> <li>Have weekly (virtual) meetings with Prof. Dong and other students to discuss course topics and work on exercises</li> </ul>
<b>Eligibility</b>	Honors Program eligibility requirements: <ul style="list-style-type: none"> <li>Completion of at least 12 credits in transfer-level courses with a GPA of 3.4 or above</li> <li>Grade of A or B in ENGL101 or ENGL101/011</li> </ul> Mathematics pre-requisite: <ul style="list-style-type: none"> <li>MATH 181 Calculus I</li> </ul>
<b>CRN</b>	47103 (Summer I)
<b>Credits*</b>	2 (counts towards honors credits)

\*SCIR 297 courses transfer at the discretion of the receiving institution.

Who should take this course?	
<i>Mathematics students</i> who want to explore the area of mathematical logic.	
<i>Philosophy students</i> who want to understand mathematical logic and its connections to logic in philosophy.	
<i>Computer science students</i> who want to build a more solid foundation in mathematical logic and proof writing.	

**Interested students should contact Prof. Dong for more information.**

Email: [zhou.dong@montgomerycollege.edu](mailto:zhou.dong@montgomerycollege.edu), or  
[Click here to make a virtual meeting appointment](#)