The Mathematics Department at Indiana Wesleyan believes that our Senior Seminar students should demonstrate: (1) the ability to learn independently, (2) preparedness for their future career goals, (3) an understanding of various philosophical issues of mathematics and the role of mathematics in related disciplines, and (4) a personal worldview which coherently integrates mathematics, truth, ethics, and Christianity. Consequently, the course centers around: (1) an independent research project in mathematics or mathematics education culminating in a paper and symposium presentation, (2) a portfolio including a resume, cover letter, and graduate school and/or job application as well as a “scrapbook” of selected college assignments and registration for appropriate standardized tests, (3) class discussions and presentations centered around readings from mathematical ontology, mathematical epistemology, and the nature of the infinite, and (4) a personal philosophy paper and student-led panel discussions on the relationships between one’s personal life, beliefs, abilities, academic training, and professional goals. The presentation will describe the above activities and student reaction to them as well as the role of the course in program assessment. (Received September 22, 2011)