

1135-O5-1446 **Katherine Thompson*** (kthompson0721@gmail.com). *Number Theory Courses at Davidson College and Carnegie Mellon University: A Comparison.*

There are many exciting, yet challenging, aspects to teaching an undergraduate number theory course. It can be marketed as a co-requisite of (or even alternate to) “Intro to Proof”. It can be treated as a special topic for students with abstract or analysis. Regardless, number theory is a course where the culture of the students and the university can be highlighted, and where various innovative pedagogical techniques can be employed. This talk will highlight the similarities between two number theory courses which (on the surface) seem like they would be drastically different: a 200-level IBL-style taught at Davidson College, and a 400-level lecture-based course taught at Carnegie Mellon. (Received September 22, 2017)