

1106-VE-2760 **Amanda Hattaway*** (hattawaya@wit.edu), Department of Applied Math, 550 Huntington Avenue, Boston, MA 02115, and **James McCusker, Gloria Ma** and **Stephen Chomyszak**.
Teaching MATLAB Programing to First Year Engineering Students. Preliminary report.

At Wentworth Institute of Technology, several engineering first year undergraduate student majors take an introductory engineering course in which they are exposed to “laboratory” modules of MATLAB, Solidworks, Innovation in Design, and Manufacturing. In the past, this course was only offered to students in the electrical and mechanical engineering disciplines, and it was only taught by engineering faculty from these two disciplines. In contrast, now, the majority of our engineering students take this course and the faculty teaching team consists of both engineering and math professors. In our presentation, we will report on and share: 1) the materials we developed for MATLAB; 2) collaboration tools that the faculty instruction team and the students used and 3) preliminary results on the impact of this course on our first- and second-year math courses and 4) the impact of this course on our students and faculty. (Received September 16, 2014)