

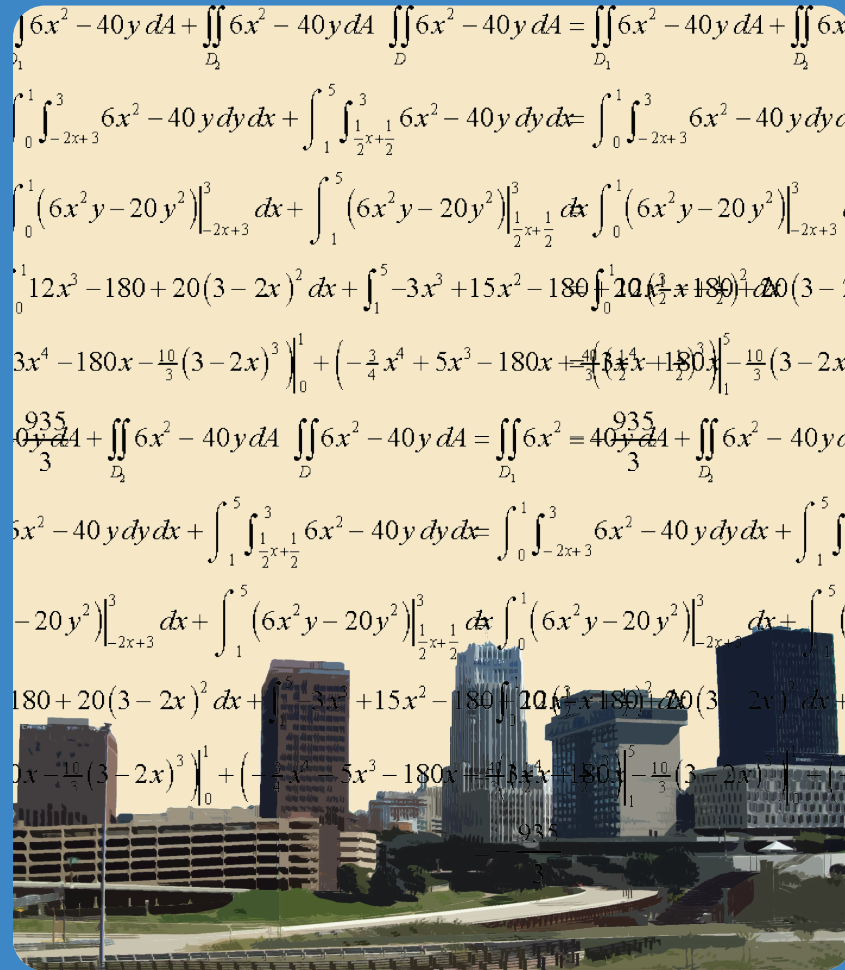
# SOLVING BIG MATHEMATICAL PROBLEMS

3450:489 T/TH- 1:15-2:30

In this unclass, students work in interdisciplinary teams to translate questions sourced from **BIG** (Business, Industrial and Government) partners into mathematical problems related to wireless communication (CISCO Systems) and food management problems (Reworks).

Students will interact closely with **BIG** partners, learn about the context of the questions, present their research finding to them, make recommendations as applicable, and submit a final research report summarizing their work. This unclass challenges students to apply knowledge and hone skills necessary to succeed in a career in **BIG**.

Dr. Malena Espanol (Math), with support from Dr. Shanon Donnelly (Geosciences), a faculty member from Electrical Engineering, and community partners



These are small, interdisciplinary, problem-centered, hands-on courses! All are 3 credit courses. Students may enroll under the course number listed or work with Dr. Behrman at EXL to seek Independent Study or other pathways to credit in another department. [behrman@uakron.edu](mailto:behrman@uakron.edu)

**EX [ L ] UNCLASS**  
**SPRING 2019**