MATH 208W – INTRODUCTION TO OPERATIONS RESEARCH

Large-scale mathematical models for industry

• Understand and build the mathematical models that underlie modern analytics
• Analyze and solve models using software packages
• Models include allocation, scheduling, routing and planning problems
• These models are used in supply chain management, finance, transportation, manufacturing and health care
Our Operations Research courses feature award-winning team projects. Past topics include:

A Queueing Network Model For Refugee Language Courses In Vancouver (Math 402W)

Water Distribution in Metro Vancouver (Math 208W)

Selecting Optimal Locations of Food Trucks: A Case Study for the City of Vancouver (Math 402W)

The Bike Share Program (Math 208W)

Selecting Optimal Tolling Levels: A Case Study for the Fraser River in the Greater Vancouver Area (Math 402W)

Staff Scheduling Problem for Blenz Coffee (Math 208W)

These projects are published in the ORSU publication Analytics Now, and available on-line.
Offered in Surrey in Spring 2018

- Mo 2:30PM - 4:20PM
- We 2:30PM - 3:20PM

Prerequisite: MATH 150 or 151 or 154 or 157.

Writing/Quantitative

Instructor: Tamon Stephen