

Candidate Throughput & Instructor Utilization in the SF Pipeline

How can the Special Warfare Center and School improve throughput without overtaxing instructors or sacrificing quality?



Methodology

Developed a **discrete event simulation** to design, test, and evaluate proposed changes to the SWCS course schedule

Results

- Alternative schedules can improve throughput, wait times, and instructor utilization
- Recommended courses of action are sensitive to student backlog, arrival rates, and instructor manning levels

