NEW for Spring 2022

PSYC 190

Current Issues Capstone:

Human-Systems Integration in Cyber, Health, and Transport

Current Issues Capstone (Psyc 190)
Spring 2022

In-Person Course
Spring 2021, TuThu
10:30AM - 11:45AM
Clark 303A

Why is cybersecurity so difficult?
What makes autonomous cars (un)safe?
How do we prevent medical errors?
What are my career options in Human-Systems Integration?

About the Course
In this capstone course, we will investigate how psychological research can be applied to large-scale systems of people and technology. We will focus on three important domains: cybersecurity, healthcare, and transportation. We will discover how they are similar and different from an applied research perspective.

We will consider how different psychological perspectives inform solutions to societal problems involving people and technology (which is a lot of them!).

Through the process, you will practice and develop your skills as a researcher by developing a proposal for a new study.

Consider this course if...
• You want to explore emerging technology, big problems, and how people and technology can work together to solve them
• You know what human factors and human-systems integration are and why they are in demand...or you want to find out!
• You want to learn proposal writing basics, useful for everything from scholarship and graduate applications to big grants

About the Instructor
David Schuster, Ph.D. (he/him/his) has been faculty at SJSU since 2013. He is PI at the VECTR Lab, has mentored over 60 students in research, published many papers, and successfully won large and small research grants. He is eagerly looking forward to teaching this new course.