

## ACIS Curriculum Overview 2020 - 2021

### Week 1: Sept 1-4, 2020

Profound Knowledge	David Larson
Design Thinking	Emilie Wagner (SU D-School)
Model Development	David Larson
Need-Driven Innovation: The Biodesign Approach	Paul Yock, Lyn Deyend, Ravi Pamnani (SU – Biodesign),
Project Management – Sessions 1&2	John Keppler, Dong Laing (SU IT)

### Week 2: Oct 13-16, 2020

Data Visualization Primer	Stephanie Evergreen (Consultant)
Causation/Cause and Effect	Dana Mackenzie (Consultant)
Evaluation and Implementation Sciences	Steven Asch
SPC	Lloyd Provost (Consultant)
Relational Database/Intermediate Comparative Statistics	Mohsen Bayati (SU-GSB)

### Week 3: Nov 10-13, 2020

Managing Human Systems	V. Ulstad (Consultant)
High Reliability Organizations	Sara Singer
Building Effective Teams	Sara Singer
Relational Coordination	Jody Gittell (Consultant)
Creating “teams of teams”	Jody Gittell (Consultant)
Building a Culture of Wellness	Tait Shanafelt
Presence: The importance of the human connection	Abraham Verghese

### Week 4: Feb 23-26, 2021

Project Management Session 3/4	John Keppler/Dong Liang (SU IT)
Improvement Methodologies/Theory of Constraints	Joe Duhig (Consultant)
Systems Approach to Safety	Lisa Schilling
Leadership in complex systems	Maureen Bisognano (Consultant)
Large organizational transformation	Jonathan Perlin (Consultant)
Complex adaptive systems	David Larson
Gartner Analytics Ascendancy Model	Joe Duhig (Consultant)
Measurement System Analysis	Joe Duhig (Consultant)

### Week 5: April 20-23, 2021

Introduction to Machine Learning and Artificial Intelligence	Nigam Shaw
Execution Framework	QI Team
Large scale change in complex healthcare organizations	Brent James
Collaborative Learning	Lisa Schilling/Lucy Savitz (Consultant)
Developing Visual Management and Daily Management Systems	John Shook (Consultant)/Terry Platchek