Spring 2010: Introduction to Social Network Analysis 08-201

Instructors: Kathleen M. Carley, Jana Diesner, Terrill Frantz

Details: www.networksatcmu.info

• interdisciplinary, undergraduate course
  • Monday & Wednesday, 01:30 – 02:20

Learning objectives:
• Put Social Network Analysis (SNA) projects into practice
• Approach SNA with theoretic, methodological, computational rigor

Demand for solid expertise in SNA is growing in research and business.

Topics:
• Models of network evolution and network topologies
• Network visualization
• Subgroups, Cliques, and Clustering
• Diffusion processes
• Social capital
• Prestige and power
• Data collection
• Networks of words
• Criminal networks
• Online communities
• Network simulations

Ethics and privacy regulations for network research and data collection

Yay Networkz!

CASOS - Center for Computational Analysis of Social and Organizational Systems

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