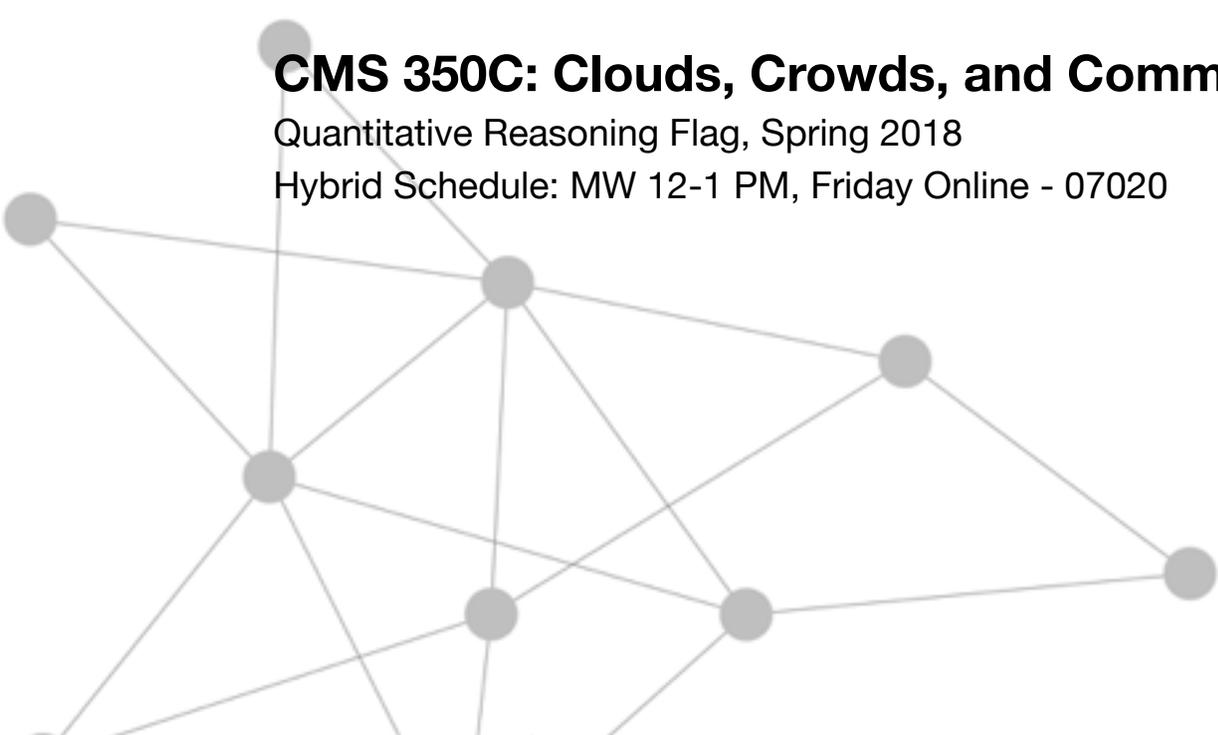


# CMS 350C: Clouds, Crowds, and Community

Quantitative Reasoning Flag, Spring 2018

Hybrid Schedule: MW 12-1 PM, Friday Online - 07020



## What sorts of questions will this class tackle?

- + How do I cultivate my own network to help me achieve my goals and enrich my community?
- + How do ideas spread in organizations and communities?
- + Why is everyone in the movies just six degrees away from Kevin Bacon?
- + How can I make sense of the web of relationships that influence me and the people around me?
- + How can I visualize those relationships to understand and communicate about them?

## What's the format of the class?

We'll meet in person on Monday and Wednesdays and online on Fridays. The class centers on lab assignments that ask you to analyze and visualize network data. We'll use most of those Fridays to workshop the lab assignments, and our in-person classes will focus on understanding the ideas behind the labs by discussing scholarly articles. The hybrid portion of the course is asynchronous, meaning that you will have work to complete at some point between face-to-face meetings but the timing will typically be at your discretion. In other words, the class does not meet online at a set time on Fridays. Instead, the hybrid portion of the course is self-directed and self-paced.

## How do I learn more?

Look for a tentative syllabus at [www.macromorphic.com/teaching](http://www.macromorphic.com/teaching) or email Dr. Barbour at [barbourjosh@utexas.edu](mailto:barbourjosh@utexas.edu)

## CMS 350C: Crowds, Clouds, and Community: Network

### Analytic Approaches to Organizational Communication

This course explores the use of social network theory and analysis to understand the connectivity and complexity of teams, families, organizations, and communities. We will study the formation of systems of interaction broadly conceived. We will consider examples of network analytic approaches to theorize, visualize, analyze, and understand, for example, criminal networks, professional service firms, government contracting, social media platforms, virtual worlds, interorganizational dynamics, post disaster recovery, and ad hoc organizational forms.