

Computer Science 690B: Research Methods in Computer Science II

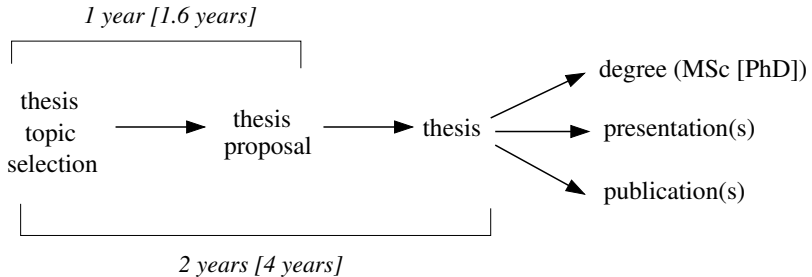
Introduction

YOUR THESIS IN PICTURES (AGAIN)

COURSE ORGANIZATION AND WORKLOAD

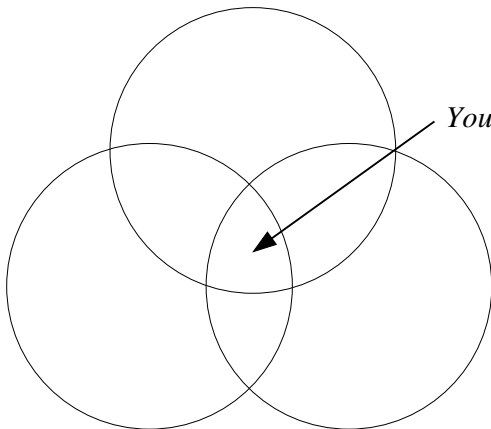
COURSE PHILOSOPHY

Your Thesis in Pictures I



Your Thesis in Pictures II

What You Can Do



You Should Be Here

What Hasn't Been Done

What's Worth Doing

Course Organization

- Starting Research: Selecting and Validating a Research Topic
- Doing (and Surviving) Research
- Presenting Research I: Conference Submission
- Presenting Research II: The Joy of Peer Review
- Presenting Research III: Conference Presentation, Attendance, and Beyond

Course Workload

- Evaluation scheme:

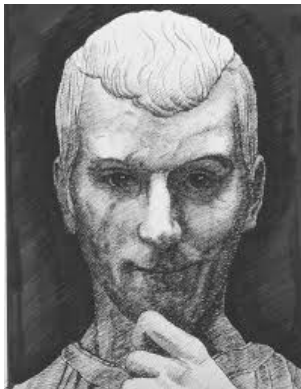
Assignments (2)	40%
In-class Presentation	20%
Course Project	40%

- Assignment #1 = Abstract I + annotated bibliography.
- Assignment #2 = Abstract II + literature review + conference paper peer review
- Course project will be **either** a stripped-down thesis proposal **or** a stripped-down research funding proposal (choice in consultation with instructor).
- Final mark = (40% 690A mark) + (60% 690B mark).

Course Philosophy: Paragons and Pragmatists



Mahatma Gandhi
(1869–1949)
What We Should Do



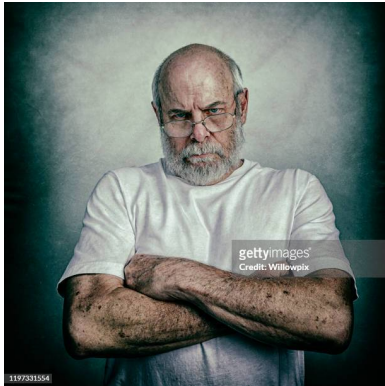
Niccolò Machiavelli
(1469–1527)
What We Actually Do

Course Philosophy: The Importance of Story

“It doesn’t have to be revolutionary
and it doesn’t have to be very difficult
but it *must* tell a story.”

— Juris Hartmanis
(1928–2022)

Course Philosophy: Getting Out Alive



Rick Power's Father
(????-????)

What We Do To Survive

Welcome to Research Boot Camp



“ARE YOU READY???”