CSCI 403
Database Management

1 – Introduction

Introductions
Instructor:
Christopher Painter-Wakefield
aka Dr. Painter-Wakefield, Professor Painter-Wakefield, or CPW
Personal pronouns: he, him
Office Hours:
• Wednesdays 3:00-5:00 pm
• Thursdays 1:00-3:00 pm
• By appointment
• Whenever my office door is open
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What This Semester Is About
Learning objectives:
• Database structure and design
• Modern relational database model
• Entity-Relationship diagrams
• SQL for manipulating data and structure of relational databases
• Foundations of relational database theory
• Relational algebra
• Normal forms and normalization
• Using databases in applications (e.g., via Java, Python)

Course Information
All course info is on the web at:
https://cs-courses.mines.edu/csci403/fall2018

Lecture notes and assignments will be added regularly, so please check the site frequently!

We will also use Piazza for much of our communications (rather than Canvas), so it is important that you are on Piazza. It is linked from the course website.

What is data? What is a database?
Discussion time!

Up Next
• Next lecture:
• Please skim chapters 1 – 2 in your textbook