Lesson 01: Course Introduction

CS 393: Database Systems

# Lesson Overview

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| **Topic** | **Timing** | **Key Ideas** |
| Course Standards | ~30 minutes | DAAW, Expectations, AI, Classroom standards, Syllabus |
| Databases | ~20 minutes | Databases, Entities, Attributes, Tables, Schema, DBMS, Servers |
| Practicals | ~30 minutes | VSCode, MySQL, Python, Draw.io |

## Required Readings

* DS 1.1 – 1.4, 1.6
* [Database Tutorial for Beginners - YouTube](https://www.youtube.com/watch?v=wR0jg0eQsZA)

## Supplementary Reading

* DD Chapters 1 – 3
* [Database Lesson #1 of 8 - Introduction to Databases - YouTube](https://www.youtube.com/watch?v=4Z9KEBexzcM&t=100s)

# Lesson Objectives & Assessment

* Course Introduction
  + Set Expectations
  + Familiarize with tools
* Intro to Databases
  + Define database and related key terms
  + Compare and contrast databases with other storage systems
  + Discuss advantages and disadvantages of databases
* VS Code / MySQL demo

# Lesson Plan

## Timeline

## Comments