# Checklist of CID6303 deliverables to turn in for a grade that assesses your learning. “Learn to mastery”

You are the master; you are the project manager. You set your schedule and track your milestones with this checklist (e.g. assignments and tests). See \\WTclass\CIDM6303\Lessons\ for instructions, links, and details on the assignments and tests. \\WTclass…\ means the resource is located at \\WTclass\CIDM6303\Lessons\ under the appropriate topic folder.

# Data Science for Business

1. Assignment on Datacamp.com Data Science for Business.
2. Test at \\Wtclass...\Data Science for Business\Test: Data Science for Business

# SQL Modules

1. Assignment on Datacamp.com Intermediate SQL Queries course
2. Test at \\Wtclass...\SQL Modules\Test: Intermediate SQL Queries
3. Assignment on Datacamp.com Joining Data in SQL
4. Test at \\Wtclass...\SQL Modules\Test: Joining Data in SQL
5. Assignment on SQL DDL and DML
6. Test at\\Wtclass...\SQL Modules\Test: SQL DDL and DML

# Web Development (HTML & CSS)

1. Assignment on FreeCodeCamp.com “Responsive Web Design Certification: HTML and CSS”
2. Assignment on FreeCodeCamp.com “Responsive Web Design Certification: Intermediate CSS”

# Ethics in Data Science and Software Engineering

1. Assignment on Ethics. See \\Wtclass...\Ethics\

# Networking and IT

1. Google Connect and Protect: Networks and Network Security certificate. See \\Wtclass...\Network and IT\

# Python Data Fundamentals Skills Track Certificate:

1. Introduction to Python
2. Intermediate Python
3. Project on Investigating Netflix Movies
4. Introduction to Functions in Python
5. Python Toolbox
6. Python Programming Skills Assessment

Choose One of the Following Two Skills Track Certifications:

Dr. Humpherys highly encourages MSCISBA majors to select the Python Programming Skills certificate, as it will be valuable to prepare for CIDM6325 Ecommerce and Web Development, CIDM6330 Software Engineering and Systems Development, and CIDM6395 Capstone courses. MBA, MSFE, and MAcc majors may benefit more from the Finance Fundamentals in Python certificate. Choose either.

# Python Programming Skills Track Certificate:

1. Content Managers
2. Decorators
3. More on Decorators
4. Software Engineering Principles in Python
5. Introduction to Testing in Python
6. Introduction to Object Oriented Programming in Python
7. Performing a Code Review (optional)

Or

# Finance Fundamentals in Python Skills Track Certificate:

1. Introduction to Python for Finance
2. Intermediate Python for Finance
3. Introduction to Financial Concepts in Python
4. Manipulating Time Series Data in Python
5. Importing and Managing Financial Data in Python
6. Introduction to Portfolio Analysis in Python

# Projects (All students):

1. Project 1: Build a website
2. Project 2: Python fundamentals in Google Colab
3. Project 3: Python intermediate