

BINF 650 - CSI 695

Syllabus

J. M. Kinser

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Version 1.0

1 Information

Course: BINF 650 - CSI 695
Meeting: Wed 4:30pm - 7:10
Room: 304B Occoquan Hall
Text: provided by instructor
Instructor: Jason M. Kinser, D.Sc.
Office: Occoquan Hall 309 & Planetary Hall 113
Phone: 703 993 3785
Email: jkinser@gmu.edu
Office Hours: Wednesday 3:00pm - 4:00

2 Personal Items

If you are using your own computer then you will need the following software installed:

- MySQL Client
- MySQL Server is optional if you wish to host the database on your machine'
- MySQL Workbench is an optional interface
- Python 2.7 (you may used Python 3.4 but some of the codes in the text will not match the codes that you will have to write)
- mySQLdb for Python 2.7
- numpy, scipy for Python 2.7
- Web browser (like Firefox)
- Office software (MS-Office, Libreoffice, or equivalent)

3 Grading

The following table shows the grading scale.

Item	Percentage
Homeworks & Inclass participation	25%
Midterm	25%
Final	25%
Project	25%

3.1 Dropping Scores

No.

3.2 Exams

Exams will be in-class and comprehensive. They will include actual database interaction and programming.

3.3 Extra Credit

NONE.

4 Online Portals

- Blackboard: grades, assignments
- Piazza: questions and responses

5 Resources

Office of Academic Integrity <http://oai.gmu.edu>
Office of Disability Services <http://ods.gmu.edu>

6 Honor Code

<http://oai.gmu.edu/honor-code>

Violations of the Honor Code include but are not limited to:

- Copying work from other students (even if it is from other schools and other semesters).
- Copying work from other documents without citation.
- Copying exam answers.
- Having someone else do your work.

If there are any questions please ask me so we can clarify the situation. The main reason that people cheat is because they get behind. It would be much better to meet with me about the situation rather than attempting to cheat.

7 Tentative Schedule

This schedule is merely a guideline. It is highly likely some that some of the topics will be started in a previous week if time allots.

WEDNESDAY	
Sep 2nd Course management, Movies, Spreadsheets	1
9th DB Ideology, data sets	2
16th Installation, Creation, Connecting with languages	3
23rd Simple queries, Data types, sorting	4
30th Complicated queries, Joins	5
Oct 7th Views, triggers and keys	6
14th MIDTERM	7
21st MySQL programming, Python Primer	8
28th More Python, Object Oriented Programming	9
Nov 4th Object Oriented Database	10
11th GUI	11
18th CGI	12
25th NO CLASS Thanksgiving	13
Dec 2nd Presentations	14

WEDNESDAY	
9th Presentations	15
16th FINAL	16