COP 4720 (Information & Database Systems II)

1. **Catalog Description** See UF course catalog.

2. **Pre-requisites and Co-requisites**
   COP 3530 and CIS 4301.

3. **Course Objectives**
   This course will provide a conceptual understanding of database management systems. We will focus on how data is stored and indexed and how queries are processed.

4. **Contribution of course to meeting the professional component** TBA

5. **Relationship of course to program outcomes** TBA

6. **Instructor** Tamer Kahveci
   a. Office location CSE 566
   b. Telephone 352-505 1554
   c. E-mail address tamer@cise
   d. Web site http://www.cise.ufl.edu/~tamer
   e. Office hours Monday/Wednesday 11:40 AM-12:30 PM

7. **Teaching Assistant** TBA

8. **Meeting Times** Monday/Wednesday/Friday 4th period (10:40 - 11:30 AM)

9. **Class/laboratory schedule** See 6 & 8

10. **Meeting Location** Computer Science Building, E119

11. **Material and Supply Fees** None

12. **Textbooks and Software Required**

13. **Recommended Reading** (see 12 above)

14. **Course Outline**
I am planning to cover the following topics.

- Data storage
- Data elements
- Index structures
- Query execution
- System failures
- Concurrency control

15. Attendance and Expectations

- I encourage class attendance.
- Please return your homeworks and assignment in time. Late returns will cause 20% deduction in your grade for that homework (etc) for each late day. Submissions after 5 days from the due date will not be graded.
- Please visit only during office hours. If you really need to meet me out of the office hours email me to make an appointment. If I postpone or cancel the office hour, I will post it in the announcements section and (try to) put a note on my office door.
- Please avoid any activities that will disturb the flow of the lectures: Silence your cell phones, pagers, etc.

16. Grading – methods of evaluation

Grading will be based on exams and assignment: Test 1 (20%), Test 2 (20%), Final (30%), all homeworks combined (30%). I will reward 90% and more class attendance with up to 2.5% bonus.

17. Grading Scale

I will not use curve to determine the letter grades. Roughly the boundaries will be:

- 90+  A- and above
- 80+  B and above
- 70+  C and above
- 60+  D and above
- 55- E

18. Make-up Exam Policy

I can do one make up per test for provable + reasonable excuses. Makeup is not possible for homeworks.

19. I quote the following directly from the standard syllabi for undergrad courses: “A C- will not be a qualifying grade for critical tracking courses. In order to graduate, students must have an overall GPA and an upper-division GPA of 2.0 or better (C or better). Note: a C- average is equivalent to a GPA of 1.67, and therefore, it does not satisfy this graduation requirement. For more
20. **Honesty Policy** – All students admitted to the University of Florida have signed a statement of academic honesty committing themselves to be honest in all academic work and understanding that failure to comply with this commitment will result in disciplinary action. This statement is a reminder to uphold your obligation as a UF student and to be honest in all work submitted and exams taken in this course and all others.

21. **Accommodation for Students with Disabilities** – Students Requesting classroom accommodation must first register with the Dean of Students Office. That office will provide the student with documentation that he/she must provide to the course instructor when requesting accommodation.

22. **UF Counseling Services** – Resources are available on-campus for students having personal problems or lacking clear career and academic goals. The resources include:
   - University Counseling Center, 301 Peabody Hall, 392-1575, Personal and Career Counseling.
   - SHCC mental Health, Student Health Care Center, 392-1171, Personal and Counseling.
   - Center for Sexual Assault/Abuse Recovery and Education (CARE), Student Health Care Center, 392-1161, sexual assault counseling.
   - Career Resource Center, Reitz Union, 392-1601, career development assistance and counseling.

23. **Software Use** – All faculty, staff and student of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate. We, the members of the University of Florida community, pledge to uphold ourselves and our peers to the highest standards of honesty and integrity.