

**WAYNE COMMUNITY COLLEGE**  
**Syllabus for DBA 110-40, Database Concepts**  
**Spring 2012, Online**

**Instructor:** Titus Barik

Office: NA  
Phone: (251) 454-1579  
E-mail: [tbarik@staff.waynecc.edu](mailto:tbarik@staff.waynecc.edu)  
Web Page: <http://blackboard.waynecc.edu>  
Office Hours: By Appointment  
Instant Messaging: TBarik (AIM), titusbarik (Yahoo)

I prefer that you post questions to the forums, so that other students have an opportunity to answer your question. For particularly tricky problems that require direct interaction, you are always welcome to instant message me whenever I am online. If I do not answer, it means that I am not available to assist you at that time.

If you do need to send e-mail, such as for private issues or grade concerns, it should be done through your official [waynecc.edu](mailto:waynecc.edu) address. Ensure that your junk mail filters are updated so that they do not accidentally reject e-mail from [waynecc.edu](mailto:waynecc.edu). Also, please put "DBA 110" as part of the subject line when composing e-mail.

**Course Description:**

**Class Hours 2, Lab Hours 3, Clinical/Work Experience Hours 0; Semester Hours 3**

This course introduces database design and creation using a DBMS product. Emphasis is placed on data dictionaries, normalization, data integrity, data modeling, and creation of simple tables, queries, reports, and forms. Upon completion, students should be able to design and implement normalized database structures by creating simple database tables, queries, reports, and forms.

**Prerequisite(s):** CIS 070 or CTS 080, CIS 110 or CIS 111 or CIS 115, and MAT 060

**Co-requisite(s):** None

## **Required Textbook:**

New Perspectives on Microsoft Office Access 2010 (Comprehensive), by Adamski/Finnegan, Course Technology, ISBN-10 0-538-79847-5. **Access to SAM 2010 Assessment, Training, and Projects is required.**

## **Other Required Materials/Software**

Personal Computer capable of running Microsoft Access 2010. A high-speed Internet connection is strongly recommended. A free trial of Access 2010 is available for 60-days from Microsoft, but this does not cover the entire semester. You may need other Microsoft Office products, such as Microsoft Excel, for a few of the assignments.

## **Program Learning Outcomes**

While program learning outcomes are being updated, a general overview of the A.A.S. Office Systems Technology Department degrees may be found in the WCC College Catalog, which is available in both hardcopy as well as electronic format online.

## **Course Learning Outcomes**

Upon completion of this course students will be able to:

- Use correct database terminology.
- Build a database file.
- Enter and view data using forms.
- Navigate between database records.
- Update a database file.
- Use tables with the database.
- Validate data for the database.

- Create database queries.
- Create forms for the database.
- Create meaningful reports from the database.

## Learning/Teaching Methods

The teaching methods utilized during this course include: assigned readings, lectures, student discussions, labs, case materials, Internet assignments, collaborative projects, and presentation of supplemental information.

## Course Requirements

It is a remarkable but true fact: I do *not* give a comprehensive midterm or final exam. However, students find my assignments to be extremely challenging. As a result, your grade is largely determined by your ability to apply concepts in the course through programming and design projects.

Assignments	50% of grade
Quizzes (Moodle)	10% of grade
Exams (SAM)	10% of grade
Midterm Project	15% of grade
Final Project	15% of grade

Many assignments and readings are exploratory in nature and are not assigned directly from the textbook. They may also be assigned from other textbooks. Please be aware that missing two consecutive weeks of assignments *may* result in the student being dropped from the course.

## Grading Policy/Criteria:

Grades are assigned on a nominal seven-point scale:

A	93 - 100
B	85 - 92
C	77 - 84
D	70 - 76
F	Below 70

With the exception of officially excused absences, late assignments are not accepted. Please make sure that you have allocated adequate time to complete all assignments.

### **Academic Integrity Statement**

See the WCC General Catalog<sup>1</sup>. Any student caught violating the WCC Code of Student Academic Integrity Policy, (i.e., cheating, plagiarizing, or other dishonorable acts), in academic work is subject to disciplinary action. Cheating will not be tolerated. Cheating will result in an automatic “F” for the course. In the Business and Computer Technology Division cheating is defined as:

1. Using another student’s diskette to complete an assignment.
2. Allowing another student to use your diskette, or information from your diskette, to complete an assignment.
3. Keying or printing an assignment and giving it to another student.
4. Using unauthorized books, materials, or another person’s assistance while working on any graded assignment.
5. Taking an online test for another student.

### **Students with Disabilities:**

WCC is committed to seeing that students with disabilities have equal access to and participation in all programs of study. For further explanation, please note the Students with Disabilities policy in the WCC General Catalog or in the Student Handbook<sup>2</sup>. Students with disabilities can contact the Disability Coordinator, Ms. Deana Holland, in the Student Development Office, Room WLC 114, or call 919-735-5151 x6729 or via e-mail at [dbholland@waynecc.edu](mailto:dbholland@waynecc.edu).

---

<sup>1</sup><http://www.waynecc.edu/pdf/catalog.pdf>

<sup>2</sup><http://www.waynecc.edu/pdf/student-handbook.pdf>

## **Non-Discriminatory Statement**

Wayne Community College is committed to a policy of providing educational opportunities to all students regardless of economic or social status, beliefs, sexual orientation, national origin, or physical or mental disability. WCC's non-discriminatory statement may be found in the WCC Catalog.

## **Student Attendance Policy**

The College believes students demonstrate responsibility for and commitment to their educational goals through regular attendance; therefore, students must attend 80% of the total hours of any class to receive a passing grade. Instructors will excuse no absences under this policy.

WCC attendance policy allows no more than 20% of scheduled class hours as absences. Three tardies count as one unexcused absence. Students will be counted tardy if they enter class anytime after the scheduled class hour.

## **Course Outline and Calendar**

For a full course outline with due dates, please view the course information and course documents sections of the online Blackboard class. We will cover most of the chapters in the required course textbook, at roughly one chapter per week.