

Homework Instructions

- Download the homework pdf document from my website at www.ucb-access.org
Click on Advanced under MS Access Series (left side)
Click on Homework (right side)

The screenshot shows the website interface. At the top left is the UC Berkeley Extension logo. The main heading is "Database Courses" with a sub-heading "(Microsoft Access, Oracle, SQL Server)". Below this is the instructor's name "Instructor: Michael Kremer, Ph. D." and navigation links "Contact | About | Instructor | Sitemap".

The "Site Navigation" menu on the left includes: Home, Courses, Course Dates, MS Access Series (with sub-items: Beginning, Intermediate, **Advanced**), Managing Data(bases) using SQL, Building Database Systems, For Students (with sub-items: Register, Login, Testimonials, Course/Instructor Evaluation, Resources).

The main content area is titled "Advanced Microsoft Access" and includes a breadcrumb trail: "Advanced Microsoft Access Home" > "Syllabus" > **Homework** > "In-Class Practice" > "Downloads".

The "Homework" page content includes:

This course introduces Visual Basic for Applications (VBA) syntax, the programming interface (VB Editor), the event-driven programming model in MS Access, and data access technologies (DAO/ADO).
On successful completion you will be able to apply these new skills:

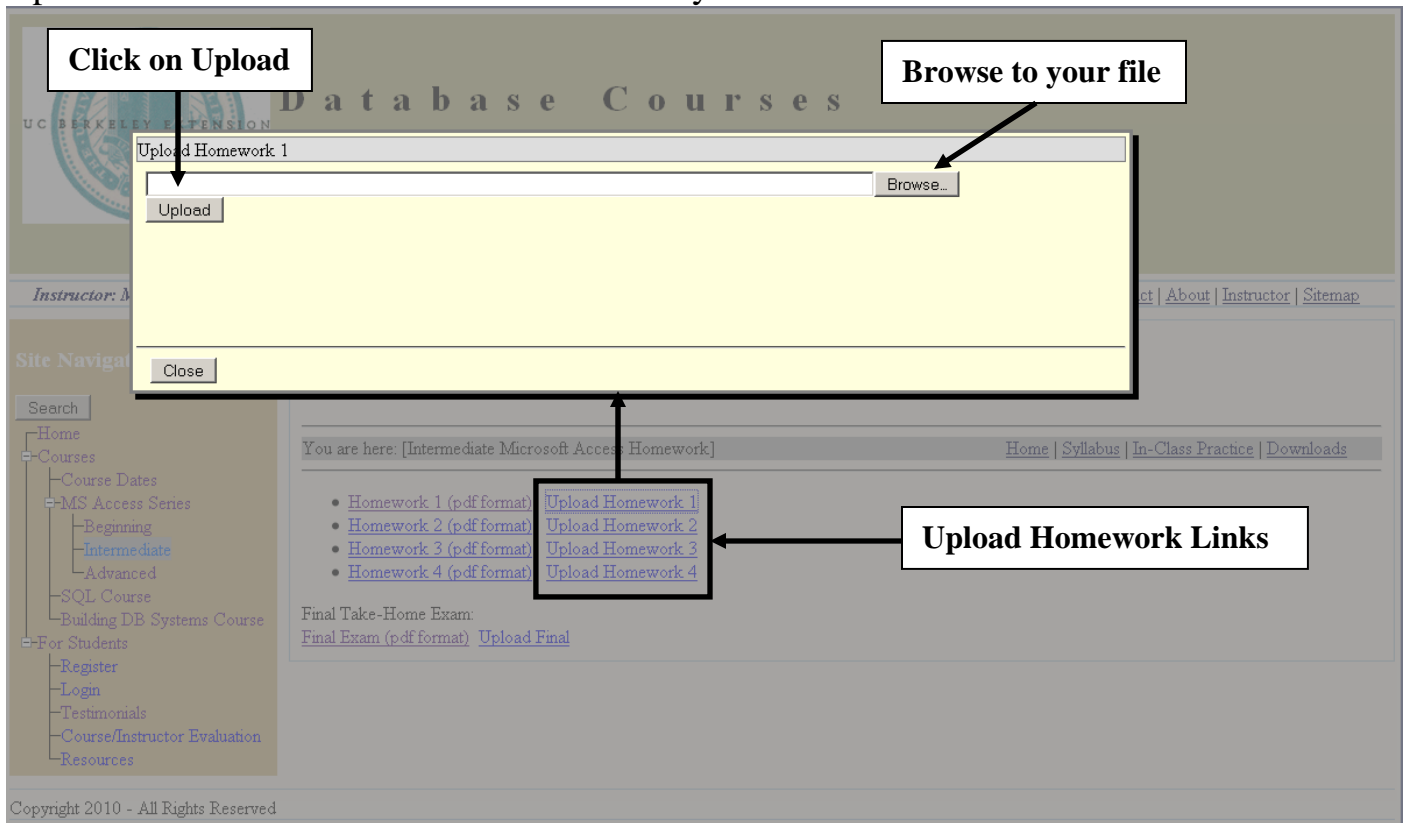
- Navigate comfortably in the VBA environment (VB Editor).
- Create basic programming units (sub and function routines).
- Apply basic VBA programming elements such as variables (declaring, scope, lifetime) and controlling executions (If-Else-End if, Do/While/Until loops, Select Case).
- Implement dynamic coding using the MS Access object model and hierarchy.
- Identify and use form, report, and control events to link program units to your application.
- Bulletproof your application using sophisticated error handling routines.
- Use data access technologies (DAO/ADO) to automate database tasks and denormalize data structures.

Prerequisites: Successful completion of Intermediate Microsoft Access, or a strong background in MS Access using all main objects except modules. Previous programming experience is helpful but not required.

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- Make a copy of the initial database file so that you only have the tables in the database and name it using the following format.
hw{number}_{your full name}.{extension}
number = homework number
your full name = lastName_firstName
extension = file extension
- Create all objects needed for your homework problems in this database. Make sure to adhere to the naming convention.
- Make sure the save intermittently.
- Compact the database, navigate to the Office button, click on Manage, then on Compact Database.

6. In order to reduce the file size, you may also zip up the database. Use the same naming convention for the zip file (see 2 above).
7. Upload the file to the homework section on my website:



8. Click on the appropriate Upload Homework link (1,2,3, or 4)
9. The Upload Homework dialog box is displayed. Click on Browse to select the homework file.
10. Now click on Upload. Depending on the file size this may take some time. At the end, the confirmation is displayed below the Upload button.
11. Homework is due at noon the day before the next class meeting (see Course Agenda).