

*LEARN TO  
PROGRAM WITH  
VISUAL BASIC  
DATABASES*

**TEACHER'S MANUAL**

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**The Puritans' Home School Curriculum**

**[www.puritans.net](http://www.puritans.net)**

# ***LEARN TO PROGRAM WITH VISUAL BASIC DATABASES COURSE INSTRUCTIONS***

## ***Purpose***

This course provides additional instruction in computer programming using John Smiley's book *Learn to Program Databases with Visual Basic 6*, as well as Mr. Smiley's book *Learn to Program with Visual Basic Examples*. These books are available at various internet bookstores.

## ***Prerequisite***

Before taking this course it is necessary that students have completed the introductory course in computer programming using John Smiley's book *Learn to Program with Visual Basic 6*. Both *Learn to Program with Visual Basic 6* and *Learn to Program Databases with Visual Basic 6* center around a China Shop project, with the latter book being a continuation of the project from the former book.

## ***Coursework***

This course consists of 2 parts:

- Working on the China Shop project as one reads through each chapter in the book *Learn to Program Databases with Visual Basic 6*. As the student completes and any China Shop project work associated with it, he should indicate completion on the Chapter Check-Off List for the Book *Learn to Program Databases w. Visual Basic 6* on the Course Check-Off List page.
- Doing a computer project from start to finish which incorporates an Access database (as taught in the book *Learn to Program Databases with Visual Basic 6*), as well as incorporating at least one element taught in each chapter of the book *Learn to Program with Visual Basic Examples*. This project should be mutually agreed upon by the student and teacher. Some possible projects include:
  - A program which tests a student on his foreign language coursework, or coursework in another subject
  - A program which provides a daily food schedule for a family, the ingredients for each meal, and a grocery list based upon ingredients requiredStudents should record a description of their project, as well as elements incorporated from the book *Learn to Program with Visual Basic Examples*, on the Course Check-Off List page.

## ***Grading***

Scores and grades for the course should be recorded by the teacher on the Course Check-Off List page. The teacher should assign each student with a score on how well the student completed the China Shop project, and the teacher should assign each student with a score on how well the student prepared his own project. For the determination of the overall course grade, the former has a 30% weighting, and the latter has a 70% weighting.

## ***LEARN TO PROGRAM WITH VISUAL BASIC DATABASES COURSE CHECK-OFF LIST***

Student Name: \_\_\_\_\_

Teacher Name: \_\_\_\_\_

### **Chapter Check-Off List for the Book *Learn to Program Databases w. Visual Basic 6***

Chapter #	CHAPTER READ AND CHINA SHOP PROJECT WORK PERFORMED (X)	SCORE (ON 100-POINT SCALE)
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
Total of Scores on 10 Chapters		
Average Chapter Score (Total of Scores/10)		

Description of Student-Selected Project using an Access Database and Incorporating Elements Learned from *Learn to Program with Visual Basic Examples* :

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### **Elements from *Learn to Program with Visual Basic Examples* Incorporated in Project**

Chapter #	DESCRIPTION OF ELEMENT INCORPORATED
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

**Course Grade Calculation Table**

<b>Course Components</b>	<b>Grade</b>	<b>Weight</b>	<b>Weighted Average</b>
Chapter Work in <i>Learn to Program Databases w. Visual Basic 6</i>		30%	
Student-Selected Computer Project		70%	
<i>Course Grade on 100-Point Scale</i>			

Letter Grade on Course, converted from the Course Grade on 100-Point Scale\* \_\_\_\_\_

\* Grading in this course should be done on a 100-point scale, with letter grades assigned as follows:

<b>Letter Grade</b>	<b>Score on 100-Point Scale</b>
A+	97 - 100
A	94 - 96
A-	90 - 93
B+	87 - 89
B	84 - 86
B-	80 - 83
C+	77 - 79
C	74 - 76
C-	70 - 73
D	60 - 69
F	0 - 59