



**Lampang College of Commerce and Technology, Thailand  
International Studies Program  
Course Details**

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<b>Course Code</b>	<b>3204-2104</b>
<b>Course Title</b>	<b>Database Programming (Visual Basic)</b>
<b>Level</b>	<b>IEP 2</b>
<b>Instructor</b>	<b>Aj. Anjan Mahanta (anjan@lcct.ac.th)</b>
<b>Course Objectives</b>	The student will learn how to write database programs in Visual Basic programming language. They would learn to design database applications in business related areas. They will develop a group project.

**Course Outline**

1. Review on Visual Basic
2. Database Basics
3. Overview of SQL
4. The ActiveX Data Object Model
5. The ADO Data Control
6. The ADO Data Environment
7. Working with ADO Code
8. Data Reporting
9. Using SQL
10. Internet Applications

**Grade Criteria**

<b>Sub-Test</b>	<b>Quiz</b>	<b>Mid-Term</b>	<b>Project</b>	<b>Attendance</b>	<b>Homeroom</b>
20%	10%	20%	30%	10%	10%

**Books & References**

1. The Complete Reference Visual Basic 6 by Noel Jerke
2. Advanced VB 6 Projects by Ivan Bayross
3. Programming Microsoft Visual Basic 6 by Francesco Balena

**Internet Resources**

1. [www.vbtutor.net](http://www.vbtutor.net)
2. [www.programmingtutorials.com/vb6.aspx](http://www.programmingtutorials.com/vb6.aspx)
3. [www.tutorialized.com/tutorials/Visual-Basic/1](http://www.tutorialized.com/tutorials/Visual-Basic/1)