

**Kainan University**  
**Department of Applied English**  
**Spring Semester 2008 Course Syllabus**

Course Code No.	Course Title	Instructor	Subject	Level of Course
300019910,01	<b>Chinese:</b>	Brian Zamulinski	<input type="checkbox"/> required <input type="checkbox"/> elective	Year: Class(AorB):
	<b>English:</b> <b>Critical Thinking</b>	<b>e-mail/phone ext:</b> <b>brianz@mail.knu.edu.tw</b>	<b>Credits: 2</b>	
<b>Teaching Goals and Content</b>	The general aim of this course is to help you develop your ability to judge evidence. You will learn to distinguish cases in which the evidence leads to, or towards, the truth, and when it does not. The knowledge you acquire and the skills you develop in this course should help you in both academic and non-academic life. Specific Topics: Arguments, logic, fallacies, cognitive biases, memory, psychological marketing techniques, what is good research and what is not, and the nature of scientific theories.			
<b>Teaching Methods</b>	<b>Lectures, exercises, feedback, discussion</b>			
<b>Grading and Evaluation Criteria</b>	<b>Evaluation:</b> Attendance and participation 10% Midterm 40% Final 50%			
<b>Textbooks</b>	Eric Dayton, <i>Critical Thinking, Logic and Argument</i> , 2007.			

**Course Description (including outline and course schedule):**

- Week 1 Introduction to Critical Thinking
- Week 2 Arguments
- Week 3 Informal Fallacies I
- Week 4 Informal Fallacies II
- Week 5 Categorical Logic
- Week 6 Categorical Logic
- Week 7 Marketing Techniques (How Others Can Mislead Us)
- Week 8 Review
- Week 9 Midterm
- Week 10 Introduction to Sentence Logic and Truth Tables
- Week 11 Translating English into Sentence Logic
- Week 12 Memory and Cognitive Biases (Why Being Logical Isn't Enough)
- Week 13 Truth-trees, Other Ways of Evaluating Arguments, Beyond Sentence Logic
- Week 14 Justifying Medical Treatments (Induction)
- Week 15 What Makes a Good Scientific Theory (Abduction)
- Week 16 Justifying Critical Thinking (Handout)
- Week 17 Review
- Week 18 Final Examination

**Instructions:**

Teachers should fill out this form before the semester begins. After it has been verified by the curriculum committee, the original should be given to the office of curriculum planning and a copy to the head of the department to which the course belongs. In addition, the teacher should explain this syllabus to students at the beginning of a semester.

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*Brian Zamulinski*

signature of the convener of the curriculum committee

signature of the teacher

