Academic Lecture Comprehension
MIT Lecture Summary Instructions

Goal
The goal of Academic Lecture Comprehension is to be able to understand English lectures. In order to feel how much you have achieved toward this goal, you will watch one of the MIT Open Course Ware video lectures, which are real 35-to-50 minute lectures from science classes at MIT (Massachusetts Institute of Technology).

You do not need to understand the lecture completely, but you are able to understand important points of the lecture content through your careful listening/watching and note taking.

For details, follow your ALC teacher’s instructions.

The following are instructions for those of you who are going to watch one of the MIT Open Course Ware video lectures.

Procedure
1. Select the lecture that you are most interested in. There are five to choose from:
   Physics I (Newton’s Laws) (with transcript)
   8.01 Physics I, Fall 1999 Lecture #6 “Newton’s Laws” (50 minutes)
   http://ocw.mit.edu/OcwWeb/Physics/8-01Physics-I/Fall1999/VideoLectures/index.htm

   Chemistry (Discovery of Nucleus) (with transcript)
   5.111 Principles of Chemical Science, Fall 2005 Lecture #2 “Discovery of Nucleus” (35 minutes)
   http://ocw.mit.edu/OcwWeb/Chemistry/5-111Fall-2005/VideoLectures/index.htm

   Linear Algebra (The Geometry of Linear Equations) (with transcript)
   18.06 Linear Algebra, Spring 2005
   Lecture #1 “The Geometry of Linear Equations” (40 minutes)
   http://ocw.mit.edu/OcwWeb/Mathematics/18-06Spring-2005/VideoLectures/index.htm

   Differential Equations (Geometrical View of y’=f(x, y)) (with transcript)
   18.03 Differential Equations, Spring 2006
   Lecture #1 “The Geometrical View of y’=f(x, y)”
   http://ocw.mit.edu/OcwWeb/Mathematics/18-03Spring-2006/VideoLectures/index.htm

   Biology (Genetics I) (with transcript)
   7.012 Introduction to Biology, Fall 2004 Lecture #6 “Genetics I” (51 minutes)
   http://ocw.mit.edu/OcwWeb/Biology/7-012Fall-2004/VideoLectures/index.htm
2. Watch the lecture at home and take notes using what you have learned in class. (You can try several times if you want to. You can also read the transcript available at each lecture webpage.)

3. Use the notes to write a one-page summary of the lecture in English. (If you are not sure how to take notes and write a summary, see the examples provided on the ALC1 homepage at the CELESE website.)

4. Submit your notes and summary to your ALC teacher.