

CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA
College of Engineering

ETT 101 Intro to ET
Spring 2013

Essay 5

The purpose of this assignment is for you to practice both creative thinking and critical thinking. Imagine that you are on a team whose purpose is to invent a technology for improving the teaching/learning process. Use one or more creative thinking techniques discussed in class (evolution, reapplication, synthesis, changing direction, revolution) to propose a technology that might improve the teaching/learning process.

Your essay must satisfy the following requirements:

1. The length of your essay must be at least 600 words [50pts].
2. Go around the circle of the elements of critical thinking and answer the following questions:
 - What is the purpose of this technology? [3pts]
 - What assumptions do you make? [3pts]
 - What concepts are involved? Here you need to show that your technology takes into account knowledge about the learning process (any of the following: elaborative rehearsal, retrieval versus exposure, identifying and learning fundamental concepts, improving intellectual skills, etc.) [10pts]
 - Elaborate on information. [20pts – see below]
 - For conclusion and consequences (you can combine these two), contrast and compare teaching/learning activities affected by your technology as of now and when using this technology. [10pts]
3. *Information:*
 - Describe the proposed technology using SEE-I [10pts]
 - Explain which particular creative techniques you used to come up with this technology [5pts]
 - What specific teaching/learning activities does this technology target? [5pts]

The remaining 4pts will be given for the overall quality of the work.

Due: Sunday, 5/12/2013, by 9:00am.

Naming: Your essay must be in Word document: essay5LastFirst.doc (where Last and First are your last and first names).

Delivery: by e-mail to eyharris@csupomona.edu

Please note that late assignments will not receive any credit.