Tech 101-A Self Awareness

Unit 1-3: Critical Thinking

STUDY GUIDE

1. Review course structure.


   (cut and paste the above link)


4. Read essay “Crime and Punishment” and apply the questions on p. 13 found on critical thinking pdf (“Critical Thinking Concepts and Tools”). Submit to your instructor.

5. Read document on critical reading found at: [http://writing.colostate.edu/guides/guide.cfm?guideid=31](http://writing.colostate.edu/guides/guide.cfm?guideid=31)


7. Read article on logging your work found at: [http://writingcommons.org/open-text/writing-processes/develop-effective-writing-habits/61-log-your-work](http://writingcommons.org/open-text/writing-processes/develop-effective-writing-habits/61-log-your-work).

8. Read article on reflective writing found at: [https://www.csuohio.edu/writing-center/reflection-papers](https://www.csuohio.edu/writing-center/reflection-papers)

9. Write a reflective journal on how logging your work and journal writing could benefit you while working in industry.

10. Read information on Bloom’s taxonomy found at: [http://www.nwlink.com/~donclark/hrd/bloom.html](http://www.nwlink.com/~donclark/hrd/bloom.html) and review articles on the following terms:

   a. Remembering
   b. Understanding
   c. Applying
   d. Analyzing
   e. Evaluating- see unit 3 test Taking for practice
   f. Creating—See Unit 4 project for application
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11. Read documents on problem solving strategies:

A. Review: Plan DO Check Act
   https://www.mindtools.com/pages/article/newPPM_89.htm

B. Review: 8 D problem solving (online or in lab)

   1. 1D establish a Team
   2. 2D Describe the problem
   3. 3D Containment
   4. 4D Find Root Cause
   5. 5D Determine Corrective Action
   6. 6D Validate Corrective Action
   7. 7D Prevent reoccurrence
   8. Congratulate team

12. Describe how you would implement the PLAN DO CHECK ACT OR THE 8 D PROBLEM SOLVING techniques to a workplace situation. Create a chart and submit to instructor.
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