COP2047 Canvas Course and Github Work Progress

Canvas Course

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Github

- Module 1
  - Measure for CLO-1
    - Examine evolution of python programming language cognitive-creative

      - 1.a. Describe computing history
      - 1.b. Explore evolution of the python programming language
      - 1.c. Examine python programs
      - 1.d. Describe processing programs
      - 1.e. Design algorithms
      - 1.f. Explore problem-solving techniques
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- Module 2
  - Measure for CLO-2
    - Identify language syntax linked core ability: think critically and solve problems cognitive-analyzing

      - 2.a. Identify data types
      - 2.b. Explain integer versus floating-point numbers
      - 2.c. List arithmetic operators
      - 2.d. Analyze arithmetic expressions
      - 2.e. Describe assignment operator
      - 2.f. Describe variables
      - 2.g. Explore shorthand operators
      - 2.h. Identify methods for documenting a program
      - 2.i. Examine a properly structured program
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- Module 3
  - Measure for CLO-3
    - Examine input/output methods cognitive-creating
      - 3.a. Use strings for terminal input and output
      - 3.b. Explore reading from standard input
      - 3.c. Explore writing to standard output
      - 3.d. Code a program that reads a file
      - 3.e. Code a program that writes a file
      - 3.f. Use file system library functions
- Module 4
  - Measure for CLO-4
    - Examine input/output methods cognitive-creating
      - 3.a. Use strings for terminal input and output
      - 3.b. Explore reading from standard input
      - 3.c. Explore writing to standard output
      - 3.d. Code a program that reads a file
      - 3.e. Code a program that writes a file
      - 3.f. Use file system library functions
- Module 5
  - Measure for CLO-5
    - Examine input/output methods cognitive-creating
      - 3.a. Use strings for terminal input and output
      - 3.b. Explore reading from standard input
      - 3.c. Explore writing to standard output
      - 3.d. Code a program that reads a file
      - 3.e. Code a program that writes a file
      - 3.f. Use file system library functions
- Module 6
  - Measure for CLO-6
    - Examine input/output methods cognitive-creating
      - 3.a. Use strings for terminal input and output
      - 3.b. Explore reading from standard input
      - 3.c. Explore writing to standard output
      - 3.d. Code a program that reads a file
      - 3.e. Code a program that writes a file
      - 3.f. Use file system library functions
- Module 7

- o Measure for CLO-7
  - ▪ Examine input/output methods cognitive-creating
    - 3.a. Use strings for terminal input and output
    - 3.b. Explore reading from standard input
    - 3.c. Explore writing to standard output
    - 3.d. Code a program that reads a file
    - 3.e. Code a program that writes a file
    - 3.f. Use file system library functions
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- Module 8
  - o Measure for CLO-8
    - ▪ Examine input/output methods cognitive-creating
      - 3.a. Use strings for terminal input and output
      - 3.b. Explore reading from standard input
      - 3.c. Explore writing to standard output
      - 3.d. Code a program that reads a file
      - 3.e. Code a program that writes a file
      - 3.f. Use file system library functions
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- Module 9
  - o Measure for CLO-9
    - ▪ Examine input/output methods cognitive-creating
      - 3.a. Use strings for terminal input and output
      - 3.b. Explore reading from standard input
      - 3.c. Explore writing to standard output
      - 3.d. Code a program that reads a file
      - 3.e. Code a program that writes a file
      - 3.f. Use file system library functions
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- Module 10
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- Module 11
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- Module 12
  - o Measure for PLO-2
    - ▪ Design, implement, and evaluate computer solutions utilizing structured and object-oriented programming methodologies, utilizing control structures, methods with the appropriate parameters, and data structures of the appropriate type.
    - ▪ Measure TBD **Final Project**

- misc