



BAKER COLLEGE
STUDENT LEARNING OUTCOMES

CIS 2310 Advanced RPG IV
3 Semester Hours

Student Learning Outcomes & Enabling Objectives

1. Demonstrate an understanding of the background and characteristics of the RPG programming language.
 - a. Define the logic cycle.
 - b. Explore the background and history of the RPG programming language.
 - c. Explore the characteristics of the RPG programming language, with a focus on advanced features.
 2. Create well-designed and documented programs using a top-down, structured approach.
 - a. Explore a top-down, structured approach to programming.
 - b. Explain the importance of a well-design and documented program.
 - c. Describe Agile programming with RPG
 3. Use DDS in RPG programming regarding files.
 - a. Define physical and logical files.
 - b. Define display files.
 4. Create programs using advanced RPG techniques.
 - a. Determine the appropriate tools to use in various RPG applications.
 - b. Develop numerous applications using the following processes:
 - i. Iteration.
 - ii. Sequential file access.
 - iii. Random file access.
 - iv. File maintenance.
 - v. Table handling.
 - vi. Array processing.
 - vii. Interactive processing.
 5. Demonstrate the ability to work with a team to design, code, test, document, implement, and present an RPG IV program that integrates the concepts and tasks learned in the course.
 - a. Demonstrate the ability to code and implement an RPG IV program
 - b. Define project development life cycle
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These SLOs are approved for experiential credit.

Effective: Fall 2017