

**Computer Programming for Business
Internship Learning Objectives**

Student Intern: _____ Internship Site: _____

Working with your supervisor, choose from the following learning objectives OR submit others, which are specific to the position or internship assignment:

Design the logical steps to a problem incorporating structured program design calculations, comparisons, table handlings, modifications, and read, write and move commands.

Write structured programming code that includes:

- Calculations, Accumulations and Comparisons
- Table Handling
- Data file Creation
- Data Updating (add change delete)
- One and Two Dimensional Arrays
- Calling subprograms
- Other: _____

Visual Basic.NET:

- Code and execute programs using a Visual Basic. NET
- Maintain databases using Visual Basic. NET
- Integrate Visual Basic.NET with the Web
- Other: _____

COBOL Programming:

- Code and execute COBOL programs for report generation
- Code and execute COBOL programs for data creation and updates
- Other: _____

RPG and AS/400:

- Code and execute RPG/400 programs for report generation
- Code and execute RPG/400 programs for data creation and updates
- Design programs using procedural files and logical structure operation with calling of subprograms.
- Code and execute programs using interactive programming and sub files
- Other: _____

AS/400 Operations and Utilities:

- Complete operator tasks on an AS/400
- Create CL on an AS/400 for screen processes and batch processes
- Develop data entry screens with the help of a Screen Design Aid (SDA)
- Maintain data using Data File Utilities (DFU)

- Create objects for user applications such as Profiles, Libraries, Job Descriptions
 Other: _____

- Database Handling:
- Develop and maintain a database system using SQL, DDL and/or DML commands.
 - Develop and/or maintain a data base system using ORACLE
 - Develop and maintain a data base system with Access
 - Use VBA with Access to maintain a data base system
 - Other: _____

- Systems Work:
- Design the following (circle): Database User Interface Reports Screen
Output
- DFD's ERD's CASE
- Experience with a CASE tool - Tool Name: _____
- For Design
 - For Scheduling
- Experience with UML
- Other: _____

To receive Credit at the end of the semester, I agree to submit the following:

1. Final Summary Portfolio
 - Written overview (minimum of 2-3 pages typed) of your internship experience including challenges you faced and how you overcame them, results of your work, reaction to your performance from other team members, description of business relationships with co-workers, and how your work benefited the company.
 - Descriptions, samples and examples of the projects and tasks completed during your internship based on your list of learning objectives.
2. Supervisor Evaluation Form (provided to the supervisor by the Internship Coordinator).

Student Signature

Date