

**Common Course Outline**  
**EBUS 120**  
**Technology Issues for Project Management**  
**1 Semester Hour**

**The Community College of Baltimore County**

**Description**

This course is designed to provide an overview of technical issues involved in managing a project for an e-business. Students will determine technology requirements for an e-business solution that matches the company's business objectives.

**Prerequisites:** CINS 101, EBUS 102, and EBUS 105 or permission of the program coordinator

**Overall Course Objectives**

Upon completion of this course the student will be able to:

1. Create a checklist of technologies required for the successful implementation of an e-business solution;
2. Evaluate and select the programming language appropriate for the project;
3. Develop interfaces to multiple systems;
4. Develop n-tier architecture;
5. Develop a plan for search engine hit optimization;
6. Identify security options that meet the business plan requirements;
7. Create the plan (formal document); and
8. Evaluate how well the plan meets the business requirements.

**Major Topics**

- I. Determining Technology Requirements
- II. Solutions for Technology Components
  - A. Programming Languages
  - B. Handling Multiple System Interfaces
  - C. N-tier Architecture Considerations
  - D. Search Engine Optimization
  - E. Security Options
- III. The Technology Plan
  - A. Creating
  - B. Defending

## **Course Requirements**

Grading/exams: Grading procedures will be determined by the faculty member, will be provided the first week of class and will include:

1. At least two tests
2. At least one project with supporting activities

Writing: The individual faculty member will determine specific writing assignments.

## **Other Course Information**

- This course is a required course for the Technology Track of the E-Business Program.
- This course is taught online.

Individual faculty members may include additional course objectives, major topics, and other course requirements to the minimum expectations stated in the Common Course Outline.

Date Revised: 12/01/02