



BROWARD COMMUNITY COLLEGE

COURSE OUTLINE

LAST REVIEW 2008-2009
(i.e. 2003-2004)

NEXT REVIEW: 2013-2014
(i.e. 2008-2009)

STATUS: A
(A, I, D)

COURSE TITLE: Project Management

COMMON COURSE NUMBER: CIS 1510C

CREDIT HOURS: 3

CONTACT HOUR BREAKDOWN

(per 16 week term)

CLOCK HOURS:
(Voc. Course ONLY)

Lecture: **40**

Lab: **8**

Clinic:

Other:

PREREQUISITE(S): CGS 1060C (with a grade of C, or higher) or Placement

COREQUISITE(S): None

PRE/COREQUISITE(S):

COURSE DESCRIPTION: *(750 characters, maximum)*

This course examines the organization, planning, and controlling of projects and provides practical knowledge on managing project scope, schedule and resources. Topics include project life cycle, work breakdown structure and Gantt charts, network diagrams, scheduling techniques, and resource allocation decisions. Concepts are applied through team projects and tutorials using project management software.

UNIT TITLES

- 1. Project Integration Management**
- 2. Project Scope Management**
- 3. Project Time Management**
- 4. Project Cost Management**
- 5. Project Quality Management**
- 6. Project Human Resource Management**
- 7. Project Communication Management**
- 8. Project Risk Management**
- 9. Project Procurement Management**



BROWARD COMMUNITY COLLEGE COURSE OUTLINE

ASSESSMENT:

Please provide a brief description (250 characters maximum) that details how students will be assessed on the course outcomes. (NOTE: If course is to be a general education course, assessment description is to reflect evaluation of **GENERAL EDUCATION Competencies and Skills** also (see below).

Evaluation instruments will include written and/or skills-based examinations and individual in-class and/or take-home assignments. Evaluation methods may also include group in-class and/or take-home assignments.

**** Complete the following only if course is seeking general education status ****

GENERAL EDUCATION Competencies and Skills *:

Please highlight in green font all Competencies/Skills from the list below that apply to this course. In the box to the right of the Competency/Skill, enter all specific learning outcome numbers (i.e. 1.1, 2.7, 5.12) that apply.

1. Read with critical comprehension	
2. Speak and listen effectively	
3. Write clearly and coherently	
4. Think creatively, logically, critically, and reflectively (analyze, synthesize, apply, and evaluate)	
5. Demonstrate and apply literacy in its various forms: (highlight in green ALL that apply) (1. technological, 2. informational, 3. mathematical, 4. scientific, 5. cultural, 6. historical, 7. aesthetic and/or 8. environmental)	
6. Apply problem solving techniques to real-world experiences	
7. Apply methods of scientific inquiry	
8. Demonstrate an understanding of the physical and biological environment and how it is impacted by human beings	
9. Demonstrate an understanding of and appreciation for human diversities and commonalities	
10. Collaborate with others to achieve common goals.	
11. Research, synthesize and produce original work	
12. Practice ethical behavior	
13. Demonstrate self-direction and self motivation	
14. Assume responsibility for and understand the impact of personal behaviors on self and society	
15. Contribute to the welfare of the community	

* General Education Competencies and Skills endorsed by '05-'06 General Education Task Force



Common Course Number: CIS 1510C

UNITS

Unit 1 Project Integration Management

General Outcome:

1.0 The student shall understand Project Integration Management.

Specific Learning Outcomes:

The students who have successfully completed this unit should be able to:

- 1.1 Develop a project plan
- 1.2 Understand how to execute a project plan
- 1.3 Integrate change control



Common Course Number: CIS 1510C

Unit 2 Project Scope Management

General Outcome:

2.0 The students should gain an understanding of Project Scope Management.

Specific Learning Outcomes:

The students who have successfully completed this unit should be able to:

- 2.1 Describe project initiation
- 2.2 Understand the concept of scope planning
- 2.3 Understand project scope definition
- 2.4 Understand scope verification
- 2.5 Understand scope change control



Common Course Number: CIS 1510C

Unit 3 Project Time Management

General Outcome:

3.0 The students should gain an understanding of project time management.

Specific Learning Outcomes:

The students who have successfully completed this unit should be able to:

- 3.1 Define project activities
- 3.2 Sequence activities
- 3.3 Estimate activity duration
- 3.4 Develop project schedules
- 3.5 Control a project schedules



Common Course Number: CIS 1510C

Unit 4 Project Cost Management

General Outcome:

- 4.0 The students should gain an understanding of the importance of project cost management.

Specific Learning Outcomes:

The students who have successfully completed this unit should be able to:

- 4.1 Plan for project resources
- 4.2 Estimate project costs
- 4.3 Budget for project costs
- 4.4 Control project costs



Common Course Number: CIS 1510C

Unit 5 Project Quality Management

General Outcome:

5.0 The students should gain an understanding of project quality management.

Specific Learning Outcomes:

The students who have successfully completed this unit should be able to:

- 5.1 Plan for project quality.
- 5.2 Understand quality assurance.
- 5.3 Control project quality.



Common Course Number: CIS 1510C

Unit 6 Project Human Resource Management

General Outcome:

6.0 The students should have an understanding of human resources management.

Specific Learning Outcomes:

The students who have successfully completed this unit should be able to:

- 6.1 Understand organizational planning
- 6.2 Implement staff acquisition.
- 6.3 Develop a team.



Common Course Number: CIS 1510C

Unit 7 Project Communications Management

General Outcome:

7.0 The students should be able to manage project communications.

Specific Learning Outcomes:

The students who have successfully completed this unit should be able to:

7.1 Plan project communications.

7.2 Distribute project information.

7.3 Report performance.

7.4 Administrate project closure communications.



Common Course Number: CIS 1510C

Unit 8 Project Risk Management

General Outcome:

8.0 The students should gain an understanding of project risk management.

Specific Learning Outcomes:

The students who have successfully completed this unit should be able to:

8.1 Create a risk management plan

8.2 Identify risk

8.3 Analyze risk

8.4 Monitor and control risk

8.5 Qualitatively analyze risk

8.6 Analyze risk quantitatively



Common Course Number: CIS 1510C

Unit 9 Project Procurement Management

General Outcome:

9.0 The students should gain knowledge of project resource procurement.

Specific Learning Outcomes:

The students who have successfully completed this unit should be able to:

- 9.1 Plan purchases and acquisitions
- 9.2 Plan for the use of contractors
- 9.3 Request vendor responses and select vendors
- 9.4 Administer a contract
- 9.5 Close out a contract