



## COURSE OUTLINE

### Section 1:

**Course Title:** Technology Project Preparation

**Course Code:** RSRC-2001

**Course Description:** Students develop a project proposal in preparation for the technology project. System specifications are established. Depth and appropriateness of the project as well as project time-lines and costs are determined.

**Grade Scheme:** ☐ Pass/Fail ☒ Percentage Minimum Pass Mark: 60%

**Course Value:** Outcome hours OR 1 Credit(s) 15 Class Hours

**Pre-requisites:** COMM-1000 Technical Communications  
BUSI-1500 Project Management  
Approval by learning manager.

**Co-requisites:** NONE

### Section 2:

#### Learning Outcomes and Competencies

##### 1. Develop a project proposal.

- 1.1 Conduct a literature review to identify a practical application problem.
- 1.2 Identify alternative sources suitable for choosing practical application problems.
- 1.3 Develop and clearly state project objectives.
- 1.4 Determine system specifications required to solve the application problem.
- 1.5 Compare and contrast a number of potential solutions.
- 1.6 Explain the criteria used to select the most suitable solution.
- 1.7 Write a project proposal using specified format requirements.

##### 2. Apply project management techniques.

- 2.1 Create a work breakdown schedule (WBS) of activities required to complete the project.
- 2.2 Create a Gantt chart using the WBS and determine length and scheduling of activities.

2.3 Estimate total project costs.

### Section 3:

**Assessment Categories:** Proposal 80%  
 Gantt Chart 20%

**Research Component?** ☐ Yes ☒ No

### Section 4:

(For administrative use only)

**Is this course new?** ☒ Yes ☐ No

**Is this course replacing an existing course(s)?** ☐ Yes ☒ No

**If this course is replacing another, please record the name and code of the old course:**

**Course equivalents:** NONE

Note: See Quality Procedure [A01](#) for more details.

**Catalog Year of Original Course Implementation:** 2015

**Catalog Year of Current Version Implementation:** 2015

**Revision level:** 1      **Version:** 3      **Date:** June/2016      **Authorized by:** MLGJ

**Accreditation and or Supporting Documents:** CCTT National Technology Benchmarks: General Program Criteria

**Additional Information:** None

**Subject matter expert(s):** Program technology instructors

**Approved by:** (Program Manager)

Paul Murnaghan

Date Approved: 2016-06-30

**Approved by:** (Curriculum Consultant)

Mary Lou Griffin-Jenkins

Date Approved: 2016-06-30