

North Carolina Career and Technical Education

Adapted CTE Course Blueprint

Business, Finance, and Information Technology Education

CS11 Project Management I

Field Test, Summer 2017

Course Description: This course will introduce students to the principles, concepts, and software applications used in the management of projects. Through project-based learning, students will understand how to use the framework of initiating, planning, executing, monitoring and controlling, and closing a project in authentic situations. The core concepts of scope, time, cost, and integration will be examined during this course.	Hours of Instruction:	135-180
	Recommended Maximum Enrollment:	30
	Prerequisite:	None
	Career Cluster(s):	Foundational: AG, AC, AR, BM, HL, HT, HU, IT, MN, MK, ST, TD Enhancement: FN, GV Completer: None
Aligned Credential or Certification: None	Work-Based Learning	Mentorship, school-based enterprise, service learning, and job shadowing

ES # Ind. #	Unit Titles/Essential Standards and Objective Statements (The Learner will be able to:)	Course Weight	RBT Designation	Local Use
Total Course Weight		100%		90
1.00	Understand the Framework of Project Management	20%	B2	18
1.01	Structure of Project Management			
1.02	Project Management Stakeholders			
1.03	Project Management's Role in the Corporate Environment			
1.04	Project Life Cycles and Phases			
2.00	Understand Project Integration	20%	B2	18
2.01	Develop a project charter			
2.02	Develop a project management plan			
2.03	Manage, monitor and control project work			
2.04	Perform Integrated Change Control			
2.05	Close Project			
3.00	Understand Scope Management	20%	B2	18
3.01	Collect requirements			
3.02	Define scope			
3.03	Create Work Breakdown Structure			
3.04	Validate and control scope			
4.00	Understand Time Management	20%	B2	18
4.01	Define and sequence activities			
4.02	Estimate Activity Resources and Durations			
4.03	Develop and Control Schedules			
5.00	Understand Cost Management	20%	B2	18
5.01	Estimate costs and determine a budget			
5.02	Control costs			

Most Current Version: Summer 2017

Career and Technical Student Organizations (CTSO) are an integral part of this curriculum. CTOS are strategies used to teach course content, develop leadership, citizenship, responsibility, and proficiencies related to workplace needs.

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This blueprint has been reviewed by business and industry representatives for technical content and appropriateness for the industry.