

Unit Course Assessment Report - Four Column

Guam Community College Construction Technology Certificate

Mission Statement: The Construction Trades Department of the Guam Community College is committed to providing quality learning opportunities in occupational, career technical, and continuing education reflective of our community and industry needs in the areas of Construction and related Careers.

Vision Statement: The Construction Trades Department of the Guam Community College will continue meeting the educational, career and technical training needs of the Construction Industry. Its excellence will continue to be recognized because of its service to students, employers, employees and the community at large.

Course SLO Description	Means of Assessment & Criteria (Written in %) / Tasks	Data Collection Status/Summary of Results	Use of Summary Result & Implementation Status
<p>Construction Technology Certificate - CT100 - Introduction to Construction Trades - 2011-2012 Catalog SLO#1 - SLO#1 FA11: SP: Upon successful completion of this course, students will be able to describe basic knowledge and skills needed in various construction trades areas. (Created By Construction Technology Certificate)</p> <p>Assessment Cycle Domain Type: SLO-Cognitive outcomes</p> <p>Start Date: 08/14/2011</p> <p>End Date: 10/14/2013</p> <p>Course Outcome Status: Currently being assessed</p> <p>Capstone Course/CTE Related Course: Yes</p> <p>Type of Industry National Certification: Contren National Certifictae</p>	<p>Artifact/Instrument/Rubric/Method/Tool Description: students must show knowledge by passing tests</p> <p>Type of Artifact/Instrument/Rubric/Method/Tool: Lab/Skills Test</p> <p>Criterion (Written in %): students must pass with 80%</p>		
<p>Construction Technology Certificate - CT140 (formerly SP153) - Industrial Safety - 2011-2012 Catalog SLO#1 - SLO#1 FA11: SP12: Upon successful completion of this course, students will be able to identify accident prevention practices within the construction trades industry. (Created By Construction Technology Certificate)</p> <p>Assessment Cycle Domain Type: SLO-Cognitive outcomes</p>	<p>Artifact/Instrument/Rubric/Method/Tool Description: Students must show knowledge by passing various test/tasks</p> <p>Type of Artifact/Instrument/Rubric/Method/Tool: Lab/Skills Test</p> <p>Criterion (Written in %): students must pass with 100%</p>		

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Start Date: 08/14/2011 End Date: 10/14/2013 Course Outcome Status: Currently being assessed Capstone Course/CTE Related Course: Yes Type of Industry National Certification: Basic Safety Certificate			
Construction Technology Certificate - CT152 - Fundamentals of Plumbing - 2011-2012 Catalog SLO#1 - SLO#1 FA11-SP12: Upon successful completion of this course, students will be able to demonstrate understanding of the basic science concepts and core principles related to plumbing and piping. (Created By Construction Technology Certificate) Assessment Cycle Domain Type: SLO-Cognitive outcomes	Artifact/Instrument/Rubric/Method/Tool Description: student must show knowledge by performing tasks and tests Type of Artifact/Instrument/Rubric/Method/Tool: Lab/Skills Test Criterion (Written in %): student must pass with 100% Related Documents: BHI Plumbing Syllabus.pdf		
Start Date: 08/14/2011 End Date: 10/14/2013 Course Outcome Status: Currently being assessed Capstone Course/CTE Related Course: Yes Type of Industry National Certification: Journeyman			
Construction Technology Certificate - CT153 (formerly CT053) - Introduction to Carpentry - 2011-2012 Catalog SLO#1 - SLO#1 FA11-SP12: Upon successful completion of this course, students will be able to identify commonly used tools, supplies, and equipment in the carpentry profession. (Created By Construction Technology Certificate)	Artifact/Instrument/Rubric/Method/Tool Description: student must show knowledge by identifying tools, supplies, and equipment Type of Artifact/Instrument/Rubric/Method/Tool: Lab/Skills Test Criterion (Written in %): student will pass with 100%		

Course SLO Description	Means of Assessment & Criteria (Written in %) / Tasks	Data Collection Status/Summary of Results	Use of Summary Result & Implementation Status
Assessment Cycle Domain Type: SLO-Cognitive outcomes Start Date: 08/14/2011 End Date: 10/14/2013 Course Outcome Status: Currently being assessed Capstone Course/CTE Related Course: Yes Type of Industry National Certification: Journeyman	Related Documents: BHI Carpentry Syllabus.pdf		
Construction Technology Certificate - CT154A - Masonry Level I - 2011-2012 Catalog SLO#1 - SLO#1 FA11-SP12: Upon successful completion of this course, students will be able to demonstrate the knowledge and skills needed to properly construct a concrete structure. (Created By Construction Technology Certificate) Assessment Cycle Domain Type: SLO-Cognitive outcomes Start Date: 08/14/2011 End Date: 10/14/2013 Course Outcome Status: Currently being assessed Capstone Course/CTE Related Course: Yes Type of Industry National Certification: Journeyman	Artifact/Instrument/Rubric/Method/Tool Description: Students will be able to erect a concrete structure with reinforcements Type of Artifact/Instrument/Rubric/Method/Tool: Lab/Skills Test Criterion (Written in %): student must pass with 100%		
Construction Technology Certificate - CT154A - Masonry Level I - 2011-2012 Catalog SLO#2 - SLO#2 FA11-SP12: Upon successful completion of this course, students will be able to properly complete the laying of blocks for walls and columns. (Created By Construction Technology Certificate)	Artifact/Instrument/Rubric/Method/Tool Description: Students will be able to construct block and brick walls and columns according to specs Type of Artifact/Instrument/Rubric/Method/Tool: Lab/Skills Test Criterion (Written in %):		

Course SLO Description	Means of Assessment & Criteria (Written in %) / Tasks	Data Collection Status/Summary of Results	Use of Summary Result & Implementation Status
Assessment Cycle Domain Type: SLO-Cognitive outcomes Start Date: 08/14/2011 End Date: 10/14/2013 Course Outcome Status: Currently being assessed Capstone Course/CTE Related Course: Yes Type of Industry National Certification: Journeyman	students must pass with 100%		
Construction Technology Certificate - CT154A - Masonry Level I - 2011-2012 Catalog SLO#3 - SLO#3 FA11-SP12: Upon successful completion of this course, students will be able to demonstrate the correct use of tools, supplies, and equipment needed in the construction of a masonry project. (Created By Construction Technology Certificate)	Artifact/Instrument/Rubric/Method/Tool Description: Students will show knowledge and competency of all tools, supplies and equipment used in the Masonry field Type of Artifact/Instrument/Rubric/Method/Tool: Lab/Skills Test Criterion (Written in %): student must pass with 100%		
Assessment Cycle Domain Type: SLO-Cognitive outcomes Start Date: 08/14/2011 End Date: 10/14/2013 Course Outcome Status: Currently being assessed Capstone Course/CTE Related Course: Yes Type of Industry National Certification: Journeyman			
Construction Technology Certificate - CT165D - Electricity Level IV - 2011-2012 Catalog SLO#1 - SLO#1 FA11-SP12: Upon successful completion of this course, students will be able to demonstrate use and care of various hand and power tools used by professional electricians adhering to all industry safety standards. (Created By	Artifact/Instrument/Rubric/Method/Tool Description: students must demonstrate knowledge and proficiency with all tools and equipment pertinent to their trade Type of Artifact/Instrument/Rubric/Method/Tool:		

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Construction Technology Certificate) Assessment Cycle Domain Type: SLO-Cognitive outcomes Start Date: 08/14/2011 End Date: 10/14/2013 Course Outcome Status: Currently being assessed Capstone Course/CTE Related Course: Yes Type of Industry National Certification: Journeyman	Lab/Skills Test Criterion (Written in %): student must pass with 100%		
Construction Technology Certificate - CT172 - Plumbing Installation and Design - 2011- 2012 Catalog SLO#1 - SLO#1 FA11: SP12: Upon successful completion of this course, students will be able to determine correct elevations required in setting up wastewater lines. (Created By Construction Technology Certificate) Assessment Cycle Domain Type: SLO-Cognitive outcomes Start Date: 08/14/2011 End Date: 10/14/2013 Course Outcome Status: Currently being assessed Capstone Course/CTE Related Course: Yes Type of Industry National Certification: Journeyman	Artifact/Instrument/Rubric/Method/Tool Description: student will be able to perform tasks and test as required for correct drainage Type of Artifact/Instrument/Rubric/Method/Tool: Lab/Skills Test Criterion (Written in %): student must pass with 100%		
Construction Technology Certificate - CT173 - Rough Framing and Exterior Finishing - 2011-2012 Catalog SLO#1 - SLO#1 FA11- SP12: Upon successful completion of this course, students will be able to demonstrate the knowledge and skills needed to properly construct a structure. (Created By	Artifact/Instrument/Rubric/Method/Tool Description: students will be able to erect a structure according to plan Type of Artifact/Instrument/Rubric/Method/Tool: Lab/Skills Test Criterion (Written in %):		

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<p>Construction Technology Certificate)</p> <p>Assessment Cycle Domain Type: SLO-Cognitive outcomes</p> <p>Start Date: 08/14/2011</p> <p>End Date: 10/14/2013</p> <p>Course Outcome Status: Currently being assessed</p> <p>Capstone Course/CTE Related Course: Yes</p> <p>Type of Industry National Certification: journeyman</p>	<p>student must pass with 100%</p>		
<p>Construction Technology Certificate - CT182 (reinstated Jan 2009) - Uniform Plumbing Code - 2011-2012 Catalog SLO#1 - SLO#1 FA11-SP12: Upon successful completion of this course, students will be able to demonstrate knowledge of laws and ordinances governing plumbing systems. (Created By Construction Technology Certificate)</p> <p>Assessment Cycle Domain Type: SLO-Cognitive outcomes</p> <p>Start Date: 08/14/2011</p> <p>End Date: 10/14/2013</p> <p>Course Outcome Status: Currently being assessed</p> <p>Capstone Course/CTE Related Course: Yes</p> <p>Type of Industry National Certification: Journeyman</p>	<p>Artifact/Instrument/Rubric/Method/Tool Description: students will be able to access information using the UPC</p> <p>Type of Artifact/Instrument/Rubric/Method/Tool: Standardized Test</p> <p>Criterion (Written in %): students must pass with 100%</p>		
<p>Construction Technology Certificate - CT183 - Finishing - 2011-2012 Catalog SLO#1 - SLO#1 FA11: SP12: Upon successful completion of this course, students will be able to dial in angles and make accurate cuts with a slide compound saw. (Created By Construction Technology</p>	<p>Artifact/Instrument/Rubric/Method/Tool Description: students will be able to perform various cuts and copes with SCMS</p> <p>Type of Artifact/Instrument/Rubric/Method/Tool: Lab/Skills Test</p>		

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Certificate) Assessment Cycle Domain Type: SLO-Cognitive outcomes Start Date: 08/14/2011 End Date: 10/14/2013 Course Outcome Status: Currently being assessed Capstone Course/CTE Related Course: Yes Type of Industry National Certification: Journeyman	Criterion (Written in %): student must pass with 100%		
Construction Technology Certificate - CT197 - Non-Ferrous Welding Level I - 2011-2012 Catalog SLO#1 - SLO#1 FA11: SP12: Upon successful completion of this course, students will be able to demonstrate skills needed to weld select non-ferrous material using oxyfuel, shielded metal arc welding (SMAW), gas tungsten arc welding (GTAW), and metal to inert gas (MIG) processes. (Created By Construction Technology Certificate) Assessment Cycle Domain Type: SLO-Cognitive outcomes Start Date: 08/14/2011 End Date: 10/14/2013 Course Outcome Status: Currently being assessed Capstone Course/CTE Related Course: Yes Type of Industry National Certification: Journeyman	Artifact/Instrument/Rubric/Method/Tool Description: Students will demonstrate knowledge and competency by performing tasks and test Type of Artifact/Instrument/Rubric/Method/Tool: Lab/Skills Test Criterion (Written in %): students must pass with 100%		
Construction Technology Certificate - CT197A - Shielded Metal Arc Welding I - 2011-2012 Catalog SLO#1 - SLO#1 FA11-SP12: Upon successful completion of this course,	Artifact/Instrument/Rubric/Method/Tool Description: Students will show knowledge and competency by performing tasks and tests Type of		

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<p>students will be able to demonstrate the knowledge and skills required for basic shielded metal arc welding including selection of metals and electrodes, the making of beads, fillet welds, and groove welds. (Created By Construction Technology Certificate)</p> <p>Assessment Cycle Domain Type: SLO-Cognitive outcomes</p> <p>Start Date: 08/14/2011</p> <p>End Date: 10/14/2013</p> <p>Course Outcome Status: Currently being assessed</p> <p>Capstone Course/CTE Related Course: Yes</p> <p>Type of Industry National Certification: Journeyman</p>	<p>Artifact/Instrument/Rubric/Method/Tool: Lab/Skills Test</p> <p>Criterion (Written in %): students must pass with 100%</p>		
<p>Construction Technology Certificate - CT197B - Shielded Metal Arc Welding II - 2011-2012 Catalog SLO#1 - SLO#1 FA11-SP12: Upon successful completion of this course, students will be able to demonstrate skills needed in intermediate level shielded metal arc welding. (Created By Construction Technology Certificate)</p> <p>Assessment Cycle Domain Type: SLO-Cognitive outcomes</p> <p>Start Date: 08/14/2011</p> <p>End Date: 10/14/2013</p> <p>Course Outcome Status: Currently being assessed</p> <p>Capstone Course/CTE Related Course: Yes</p> <p>Type of Industry National Certification: Journeyman</p>	<p>Artifact/Instrument/Rubric/Method/Tool Description: Students will show knowledge and competency by performing tasks and tests</p> <p>Type of Artifact/Instrument/Rubric/Method/Tool: Lab/Skills Test</p> <p>Criterion (Written in %): students must pass with 100%</p>		
Construction Technology Certificate - CT292			

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<p>- Construction Practicum - 2011-2012 Catalog SLO#1 - SLO#1 SP11-FA12: Upon successful completion of this course, students will be able to demonstrate proficiency in the operations of equipment and instruments needed for concentration area. (Created By Construction Technology Certificate)</p> <p>Assessment Cycle Domain Type: SLO-Cognitive outcomes</p> <p>Start Date: 08/14/2011</p> <p>End Date: 10/14/2013</p> <p>Course Outcome Status: Currently being assessed</p> <p>Capstone Course/CTE Related Course: Yes</p> <p>Type of Industry National Certification: journeyman</p>	<p>Artifact/Instrument/Rubric/Method/Tool Description: students will demonstrate knowledge and competency by performing given tasks</p> <p>Type of Artifact/Instrument/Rubric/Method/Tool: Lab/Skills Test</p> <p>Criterion (Written in %): students must pass with 100%</p>		
<p>Construction Technology Certificate - WA210 - Treatment Processes and Procedures - 2011-2012 Catalog SLO#1 - SLO#1 FA11: SP12: Upon successful completion of this course, students will be able to recognize and understand potable and waste water treatment processes, regulatory standards, and maintenance practices. (Created By Construction Technology Certificate)</p> <p>Assessment Cycle Domain Type: SLO-Cognitive outcomes</p> <p>Start Date: 08/14/2011</p> <p>End Date: 10/14/2013</p> <p>Course Outcome Status: Currently being assessed</p> <p>Capstone Course/CTE Related Course: Yes</p> <p>Type of Industry National Certification:</p>	<p>Artifact/Instrument/Rubric/Method/Tool Description: students will recognize industry standards for water systems</p> <p>Type of Artifact/Instrument/Rubric/Method/Tool: Faculty-developed tests</p> <p>Criterion (Written in %): students must pass with 100%</p>		

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Journeyman			