

BUILDING AND CONSTRUCTION DEPARTMENT

# PROGRAM REVIEW 09-10

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ONE COLLEGE WAY  
BLYTHE, CA 92225

Board Approved 1/25/11

# EXECUTIVE SUMMARY

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## BUILDING TRADES

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The committee encourages the building trades program to continue its efforts in fulfilling the goals of its 2-year plan, as noted in section 6 of this report.

The committee asks the building trades representative to provide an update by Fall 2011 on progress made in each of the goals outlined in its 2-year plan.

## PART 1: PURPOSE OF THIS PROGRAM

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The purpose of the Building Trades program is to provide students with the latest skills necessary to obtain employment in today's ever changing construction vocations. The Building Trades program develops opportunities for working trades personnel with certificate and degree programs.

## PART 2: DEMAND FOR THIS PROGRAM

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### Projections of Employment by Occupation, 2006 - 2016

**Occupations Matched to Top Code(s):**

095700 *Civil and Construction Management Technology*

**Geography:** Riverside-San Bernardino-Ontario MSA

**Counties:** Riverside County, San Bernardino County

Annual Job Openings by Occupation

SOC Code	Occupation Title (Link to Occupation Profile)	2006 Employment	Annual Job Openings <sup>1</sup>
471011	<a href="#">First-Line Sup/Mgrs of Construction Trades and Extraction Workers</a>	10,990	292
499042	<a href="#">Maintenance and Repair Workers, General</a>	11,920	206
499095	<a href="#">Manufactured Building and Mobile Home Installers</a>	160	3
	<b>Total</b>	23,070	501

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<sup>1</sup>Total Job Openings are the sum of new jobs from growth plus net replacements. Annual job openings are total job openings divided by the number of years in the projection period.

<sup>2</sup>This occupation has been suppressed due to confidentiality.

### PART 3: QUALITY OF THIS PROGRAM

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COMPLETIONS 2008-2009		
Certificate/Degree	Title	Completed
Certificate		0

COMPLETIONS 2009-2010		
Certificate/Degree	Title	Completed
Certificate	Building Technology	4

### PART 4: EXTERNAL ISSUES

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The approval of the solar generating plants near Blythe and Needles have created the need to add even more areas of instruction to the BCT program.

The building trade program faculty and staff continue to work with the local unified school district to facilitate the needs of the secondary students.

### PART 5: COST OF THIS PROGRAM

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SUMMER 2008-2009			
Course Code	Course Title	Credit	Enrollment
SPRING 2008-2009			
Course Code	Course Title	Credit	Enrollment
BCT 102 01	Advanced Framing Techniques	3	23
BCT 200 02	Cabinetry I	3	6
BCT 201 01	Cabinetry II	3	13
BCT 201 02	Cabinetry II	3	3

BCT 280 01	ST: Introduction to Tile Setting	3	12
BCT 280 02	ST: Residential Blueprint Reading	3	9
<b>FALL 2008-2009</b>			
<b>Course Code</b>	<b>Course Title</b>	<b>Credit</b>	<b>Enrollment</b>
BCT 100 01	Introduction to Building Trades	3	12
BCT 101 01	Rough Carpentry	3	13
BCT 112 01	Basic Electricity	3	11
BCT 113 01	Basic Plumbing	3	12
BCT 200 01	Cabinetry I	3	7
BCT 210 01	Interior Trim Carpentry	3	4
<b>SUMMER 2009-2010</b>			
<b>Course Code</b>	<b>Course Title</b>	<b>Credit</b>	<b>Enrollment</b>
<b>SPRING 2009-2010</b>			
<b>Course Code</b>	<b>Course Title</b>	<b>Credit</b>	<b>Enrollment</b>
BCT 100 01	Introduction to Building Trades	3	12
BCT 102 01	Advanced Framing Techniques	3	14
BCT 200 01	Cabinetry I	3	13
BCT 210 01	Interior Trim Carpentry	3	14
<b>FALL 2009-2010</b>			
<b>Course Code</b>	<b>Course Title</b>	<b>Credit</b>	<b>Enrollment</b>
BCT 100 01	Introduction to Building Trades	3	15
BCT 101 01	Rough Carpentry	3	18
BCT 110 01	Blueprint Reading	3	13
BCT 112 01	Basic Electricity	3	20
BCT 113 01	Basic Plumbing	3	17

<b>2008-2009</b>	<b>Salaries</b>	<b>Benefits</b>	<b>Supplies</b>	<b>Contracts</b>	<b>Capital</b>	<b>Total</b>	<b>FTEs</b>
BCT 12	\$64,071.16 \$ -	\$18,767.06 \$ -	\$ 8,754.11 \$24,841.28	\$592.23 \$ -	\$ - \$10,128.33	\$92,184.56 \$34,969.61	21 \$96,600
<b>2009-2010</b>	<b>Salaries</b>	<b>Benefits</b>	<b>Supplies</b>	<b>Contracts</b>	<b>Capital</b>	<b>Total</b>	<b>FTEs</b>
BCT	\$58,322.00 \$ -	\$21,125.66 \$ -	\$ 8,379.44 \$11,468.84	\$ - \$ -	\$ - \$ -	\$87,827.10 \$11,468.84	23 \$105,800

## **PART 6: TWO-YEAR PLAN**

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During the 2010-2011 academic year, the BCT faculty will evaluate the current certificate and degree program and make adjustments to best facilitate the need of a solar program (if warranted). During the year, recommendations will be made to the program's advisory committee as to the best way to move this program forward. The BCT program has been resurrected during the past couple of years and is making positive strides toward becoming a comprehensive program with valuable student learning outcomes.