

Table of Contents

Survey Response Rate.....	2
Historic Preservation and Restoration Technology	3
Historic Preservation and Restoration Technology- AS & CT.....	3
Construction Technology.....	4
Construction Technology- AS	4
Residential Construction I.....	4
CADD/CAM Design and Manufacturing - AS & CA	5
Manufacturing Technology– AS.....	5
CADD/CAM Design Manufacturing - AS & CA.....	5
Drafting Technology and Architecture	6
Drafting Technology - Architecture – AS & CT	6
Drafting Technology - Civil Design – AS & CT	6
Drafting Technology - Mechanical Design – AS & CT	6
To what extent do you agree that CR prepared you with the following general skills?.....	7
Continuing Education or training elsewhere.....	9
Availability of jobs in your field of study.....	9
Current employment status	10
Job before coming to the College of the Redwoods	11
Job After coming to College of the Redwoods.....	12

Survey Response Rate

Area	Response Rate	Responded	Mailed	Bounced
Welding Technology	0%	0	2	0
<i>Welding Technology – Certificate</i>		0		
Historic Preserve and Restore Tech.	52%	17	33	2
<i>HPRT - AS</i>		8		
<i>HPRT- Certificate.</i>		5		
<i>Blank (Did not indicate a completion area)</i>		4		
Construction Technology	53%	8	15	0
<i>Construction Technology - AS</i>		7		
<i>Residential Construction I - Certificate</i>		1		
<i>Residential Construction II - Certificate</i>		0		
Manufacturing Technology	20%	4	20	2
<i>MT – AS</i>		1		
<i>MT - CADD/CAM - AS</i>		3		
<i>MT - CADD/CAM - Certificate</i>		0		
<i>MT – Certificate</i>		0		
Drafting Technology	77%	20	26	0
<i>DT - Architecture - AS</i>		11		
<i>DT - Architecture - Certificate</i>		1		
<i>DT - Civil Design - AS</i>		4		
<i>DT - Civil Design - Certificate</i>		2		
<i>DT - Mechanical Design - AS</i>		2		
<i>DT - Mechanical Design - Certificate</i>		0		

Historic Preservation and Restoration Technology

Area	Response Rate	Responded	Mailed	Bounced
Historic Preserve and Restore Tech.	52%	17	33	2
<i>HPRT - AS</i>		8		
<i>HPRT- Certificate.</i>		5		
<i>Blank (Did not indicate a completion area)</i>		4		

Historic Preservation and Restoration Technology- AS & CT

	Strongly agree	Somewhat agree
Accurately describe unique construction conditions found in historic buildings.	84.6% (11)	15.4% (2)
Communicate properly in the field of HPRT using industry standard language through oral, written, and visual techniques.	84.6% (11)	15.4% (2)
Demonstrate knowledge of hands-on skills using proper tools and processes to conserve historic resources.	100% (13)	
Identify tools, techniques, and safety requirements used in hands-on restoration carpentry.	92.3% (12)	7.7% (1)

Construction Technology

Area	Response Rate	Responded	Mailed	Bounced
Construction Technology	53%	8	15	0
<i>Construction Technology - AS</i>		7		
<i>Residential Construction I - Certificate</i>		1		
<i>Residential Construction II - Certificate</i>		0		

Construction Technology- AS

	Strongly agree	Somewhat agree
Understanding of the concepts of Residential Construction	85.7% (6)	14.3% (1)
Demonstrate the procedures, techniques, and processes in residential construction	100% (7)	
Identify tools, materials, and processes used in residential carpentry	100% (7)	

Residential Construction I

	Strongly agree
Understanding of the concepts of Residential Construction	100% (1)
Demonstrate the procedures, techniques, and processes in residential construction	100% (1)
Identify tools, materials, and processes used in residential carpentry	100% (1)

CADD/CAM Design and Manufacturing - AS & CA

Area	Response Rate	Responded	Mailed	Bounced
Manufacturing Technology	20%	4	20	2
<i>MT – AS</i>		<i>1</i>		
<i>MT - CADD/CAM - AS</i>		<i>3</i>		
<i>MT - CADD/CAM - Certificate</i>		<i>0</i>		
<i>MT – Certificate</i>		<i>0</i>		

Manufacturing Technology- AS

	Strongly agree
Set-up and operate manual machine tools including milling machines, lathes, precision grinders, Electrical Discharge Machines, and support equipment including drill presses, grinders, and saws	100% (1)
Set-up and operate Computer Aided Manufacturing systems and Computer Numerical Control machine tools including machining centers, turning centers, and rapid prototyping machines	100% (1)
Produce machine parts from engineering drawings within dimensional tolerances	100% (1)
Determine the best way to manufacture a given part and produce it utilizing the available tools and equipment	100% (1)

CADD/CAM Design Manufacturing - AS & CA

	Strongly agree	Somewhat agree
Set-up and operate manual machine tools including milling machines, lathes, precision grinders, and support equipment including drill presses, grinders, and saws	67% (2)	33% (1)
Set-up and operate Computer Aided Manufacturing systems and Computer Numerical Control machine tools	67% (2)	33% (1)
Produce machine parts from engineering drawings within dimensional tolerances	67% (2)	33% (1)
Determine the best way to design and manufacture a given part and produce it utilizing the available tools and equipment	67% (2)	33% (1)
Produce industry standard design documentation using Computer Aided Drafting and technical sketching	100% (3)	

Drafting Technology and Architecture

Area	Response Rate	Responded	Mailed	Bounced
Drafting Technology	77%	20	26	0
<i>DT - Architecture - AS</i>		11		
<i>DT - Architecture - Certificate</i>		1		
<i>DT - Civil Design - AS</i>		4		
<i>DT - Civil Design - Certificate</i>		2		
<i>DT - Mechanical Design - AS</i>		2		
<i>DT - Mechanical Design - Certificate</i>		0		

Drafting Technology - Architecture - AS & CT

	Strongly agree	Somewhat agree
Produce industry standard design documentation using Computer Aided Drafting and technical sketching.	90.9% (10)	9.1% (1)
Develop complete architectural working drawings and digital design renderings with consideration for aesthetics, cost, methods of construction, building codes, and common industrial practices.	63.6% (7)	36.4% (4)
Use common business communication tools such as the internet, MS Office, written reports, and oral presentations.	81.8% (9)	18.2% (2)

Drafting Technology - Civil Design - AS & CT

	Strongly agree	Somewhat agree
Produce industry standard design documentation using Computer Aided Drafting and technical sketching.	83.3% (5)	16.7% (1)
Develop maps and technical documentation related to transportation, hydrology, and utilities including profiles and cross sections, land subdivisions, site and grading plans, and basic earthwork calculations using survey data.	66.7% (4)	33.3% (2)
Use surveying instrumentation and GIS/GPS systems.	66.7% (4)	33.3% (2)
Use common business communication tools such as the internet, MS Office, written reports, and oral presentations.	83.3% (5)	16.7% (1)

Drafting Technology - Mechanical Design - AS & CT

	Strongly agree
Produce industry standard design documentation using Computer Aided Drafting and technical sketching.	100% (2)
Develop complete mechanical working drawings, 3D models, and digital design renderings with consideration for common design and manufacturing practices and industry standards.	100% (2)

Use common business communication tools such as the internet, MS Office, written reports, and oral presentations.

100% (2)

To what extent do you agree that CR prepared you with the following general skills?

- Reading and writing

	Count	Strongly agree	Somewhat agree	Neutral	Somewhat disagree	Strongly disagree
Construction Technology	8	13%	75%	13%		
Drafting Technology	19	37%	42%	21%		
Historic Preserv. & Restore. Technology	14	57%	29%	7%	7%	
Manufacturing Technology	4	50%	50%			

- Written communication

	Count	Strongly agree	Somewhat agree	Neutral	Somewhat disagree	Strongly disagree
Construction Technology	8	25%	75%			
Drafting Technology	19	37%	42%	21%		
Historic Preserv. & Restore. Technology	14	43%	50%	7%		
Manufacturing Technology	4	75%	25%			

- Verbal communication

	Count	Strongly agree	Somewhat agree	Neutral	Somewhat disagree	Strongly disagree
Construction Technology	8	38%	50%	13%		
Drafting Technology	19	47%	32%	21%		
Historic Preserv. & Restore. Technology	14	57%	29%	14%		
Manufacturing Technology	4	50%	50%			

- Math

	Count	Strongly agree	Somewhat agree	Neutral	Somewhat disagree	Strongly disagree
Construction Technology	8	38%	63%	0%		
Drafting Technology	19	26%	47%	26%		
Historic Preserv. & Restore. Technology	14	50%	29%	21%		
Manufacturing Technology	4	50%	25%	25%		

- Problem solving

	Count	Strongly agree	Somewhat agree	Neutral	Somewhat disagree	Strongly disagree
Construction Technology	8	50%	50%			
Drafting Technology	19	58%	37%	5%		
Historic Preserv. & Restore. Technology	14	71%	29%			
Manufacturing Technology	4	50%	25%	25%		

- Evaluating data

	Count	Strongly agree	Somewhat agree	Neutral	Somewhat disagree	Strongly disagree
Construction Technology	8	38%	63%			
Drafting Technology	19	53%	32%	11%	5%	
Historic Preserv. & Restore. Technology	14	86%	14%			
Manufacturing Technology	4	25%	75%			

- Scientific reasoning

	Count	Strongly agree	Somewhat agree	Neutral	Somewhat disagree	Strongly disagree
Construction Technology	8	25%	63%	13%		
Drafting Technology	19	42%	42%	16%		
Historic Preserv. & Restore. Technology	14	43%	43%	7%	7%	
Manufacturing Technology	4	75%	0%	25%		

- Computing skills (Word, Excel,etc.)

	Count	Strongly agree	Somewhat agree	Neutral	Somewhat disagree	Strongly disagree
Construction Technology	8	38%	50%	13%		
Drafting Technology	19	42%	32%	21%	5%	
Historic Preserv. & Restore. Technology	14	71%	21%	7%		
Manufacturing Technology	4	50%	50%			

- Work skills (punctuality, time management, etc.)

	Count	Strongly agree	Somewhat agree	Neutral	Somewhat disagree	Strongly disagree
Construction Technology	8	25%	63%	13%		
Drafting Technology	19	58%	26%	16%		
Historic Preserv. & Restore. Technology	14	57%	29%	14%		
Manufacturing Technology	4	75%	25%			

- Being safety-minded in the Workplace

	Count	Strongly agree	Somewhat agree	Neutral	Somewhat disagree	Strongly disagree
Construction Technology	8	75%	13%	13%		
Drafting Technology	19	70%	25%	5%		
Historic Preserv. & Restore. Technology	14	93%	7%			
Manufacturing Technology	4	50%	50%			

- Ethical decision making

	Count	Strongly agree	Somewhat agree	Neutral	Somewhat disagree	Strongly disagree
Construction Technology	8	38%	50%	13%		
Drafting Technology	19	37%	42%	21%		
Historic Preserv. & Restore. Technology	14	64%	14%	21%		
Manufacturing Technology	4	25%	50%	0%	25%	

- Awareness of a diverse global community

	Count	Strongly agree	Somewhat agree	Neutral	Somewhat disagree	Strongly disagree
Construction Technology	8	38%	38%	25%		
Drafting Technology	19	42%	42%	11%	5%	
Historic Preserv. & Restore. Technology	14	50%	36%	14%		
Manufacturing Technology	4		75%	0%	25%	

Continuing Education or training elsewhere

Continue at a 2-year public a 4-year public, a technical training institute, or not at all

	Count	No	Community College	University	Tech School
Construction Technology	8	75%		25%	
Drafting Technology	19	68%	5%	26%	
Historic Preserv. & Restore. Technology	15	80%	13%		7%
Manufacturing Technology	4	50%	25%	25%	

Availability of jobs in your field of study

How would you rate the availability of jobs in your field of study?

	Count	Very Good	Good	Poor	Very Poor
Construction Technology	8		38%	50%	13%
Drafting Technology	20	5%	55%	35%	5%
Historic Preserv. & Restore. Technology	13	31%	31%	38%	
Manufacturing Technology	4		75%		25%

Current employment status

- What is your current employment status?

	Count	Employed		Unemployed	
		related to CR training	not related to CR	actively seeking employment	NOT actively seeking
Construction Technology	8	63%	13%	0%	25%
Drafting Technology	20	35%	35%	25%	5%
Historic Preserv. & Restore. Technology	15	40%	20%	7%	33%
Manufacturing Technology	4	75%	25%	0%	0%

- State in which currently employed

	Count	CA	OR	CO	FL	MS	OH
Construction Technology	6	83%		17%			
Drafting Technology	14	86%			7%		7%
Historic Preserv. & Restore. Technology	9	78%	11%			11%	
Manufacturing Technology	4	100%					

-In what industry do you work?

	Construction Technology	Drafting Technology	Historic Pres. and Rest. Technology	Manufacturing Technology
Agriculture, Forestry, Fishing and Hunting		1		
Construction	4	4	2	1
Health Care and Social Assistance	1	1		
Information		1		
Management of Companies and Enterprises				1
Manufacturing			3	1
Other Services (except Public Administration)			1	
Professional, Scientific, and Tech. Services	1	3	2	
Public Administration		1		
Retail Trade		2	1	
Utilities		1		1

Before and After employment satisfaction

Before CR dissatisfied students assess their employment after CR

	BEFORE		AFTER	
	Somewhat dissatisfied	Very dissatisfied	Somewhat satisfied	Very satisfied
Construction Technology	1	1	2	
Drafting Technology	2	1	1	2
Historic Preserv. & Restore. Technology	2	1	1	2
Manufacturing Technology	1	1		2

Job before coming to the College of the Redwoods

Area		Average hours worked/week	Months worked per year	Annual salary	Hourly salary
Construction Technology	N	6	5	5	4
	Mean	28	10	\$26,800	\$12
	Std. Deviation	7	2	\$30,087	\$4
	Minimum	20	6	\$8,000	\$8
	Maximum	40	12	\$80,000	\$16
Drafting Technology	N	12	12	8	10
	Mean	34	18	\$33,438	\$16
	Std. Deviation	7	14	\$22,878	\$11
	Minimum	24	8	\$10,000	\$8
	Maximum	45	52	\$68,000	\$42
Historic Preservation and Restoration Technology	N	9	9	5	6
	Mean	34	12	\$72,000	\$13
	Std. Deviation	10	0	\$127,826	\$5
	Minimum	15	12	\$3,000	\$5
	Maximum	40	12	\$300,000	\$20
Manufacturing Technology	N	3	3	3	2
	Mean	28	9	\$10,621	\$16
	Std. Deviation	11	4	\$4,103	\$13
	Minimum	20	4	\$6,864	\$7
	Maximum	40	12	\$15,000	\$25
Total	N	30	29	21	22
	Mean	32	14	\$37,779	\$15
	Std. Deviation	8	10	\$63,835	\$9
	Minimum	15	4	\$3,000	\$5
	Maximum	45	52	\$300,000	\$42

Job After coming to College of the Redwoods

Area		Average hours worked/week	Months worked per year	Annual salary	Hourly salary
Construction Technology	N	6	6	5	4
	Mean	43	12	\$48,200	\$16
	Std. Deviation	8	0	\$27,689	\$4
	Minimum	40	12	\$23,000	\$12
	Maximum	60	12	\$80,000	\$22
Drafting Technology	N	13	13	9	12
	Mean	37	14	\$37,667	\$18
	Std. Deviation	10	9	\$12,619	\$8
	Minimum	10	10	\$17,000	\$12
	Maximum	50	45	\$60,000	\$42
Historic Preservation and Restoration Technology	N	8	8	5	5
	Mean	42	12	\$91,100	\$23
	Std. Deviation	12	0	\$119,101	\$3
	Minimum	20	12	\$3,500	\$19
	Maximum	60	12	\$300,000	\$25
Manufacturing Technology	N	3	3	3	3
	Mean	42	12	\$46,837	\$25
	Std. Deviation	12	0	\$27,268	\$13
	Minimum	32	12	\$15,360	\$10
	Maximum	55	12	\$63,250	\$32
Total	N	30	30	22	24
	Mean	40	13	\$53,455	\$20
	Std. Deviation	10	6	\$58,622	\$8
	Minimum	10	10	\$3,500	\$10
	Maximum	60	45	\$300,000	\$42