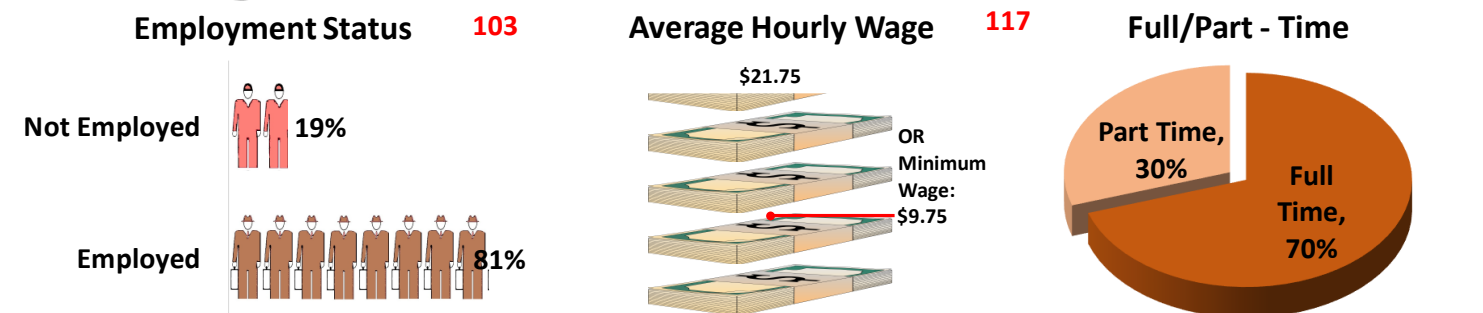
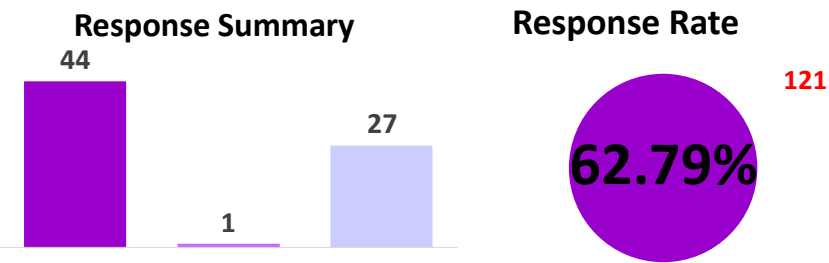
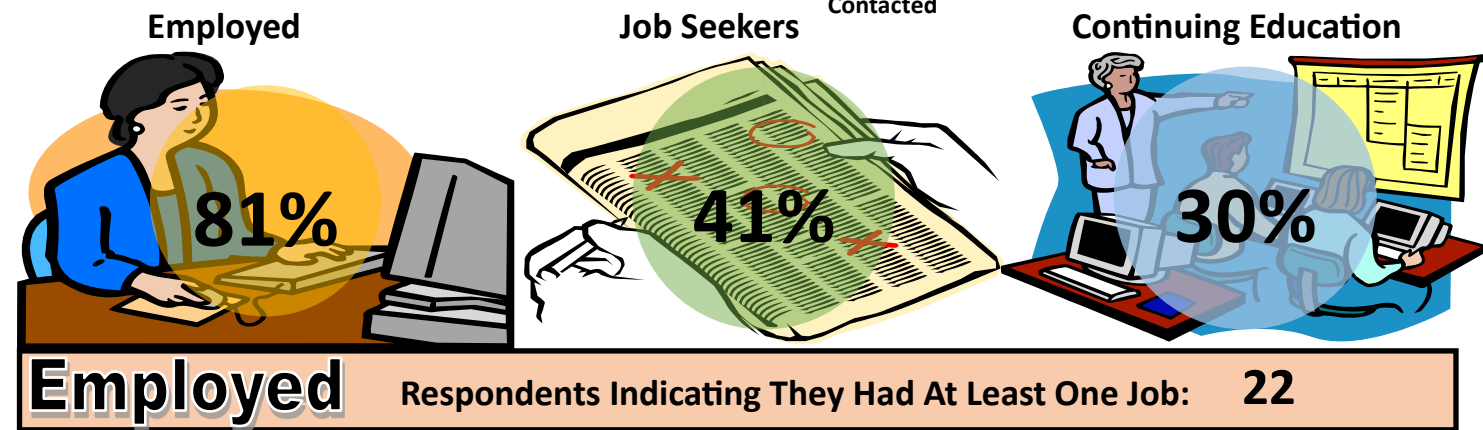
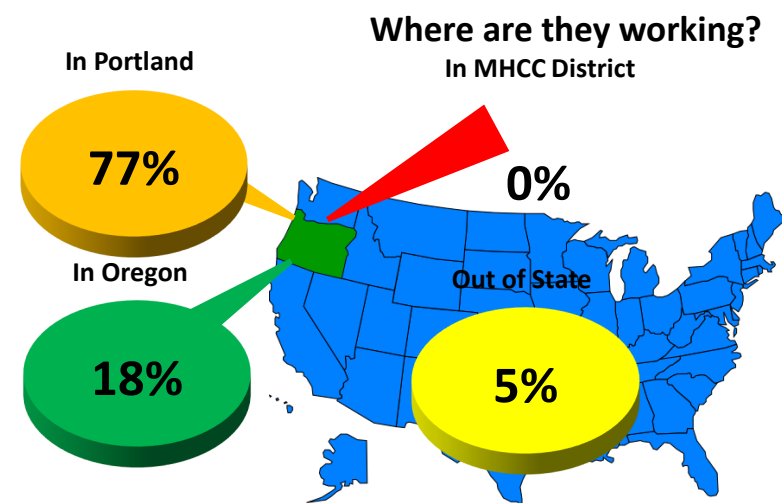
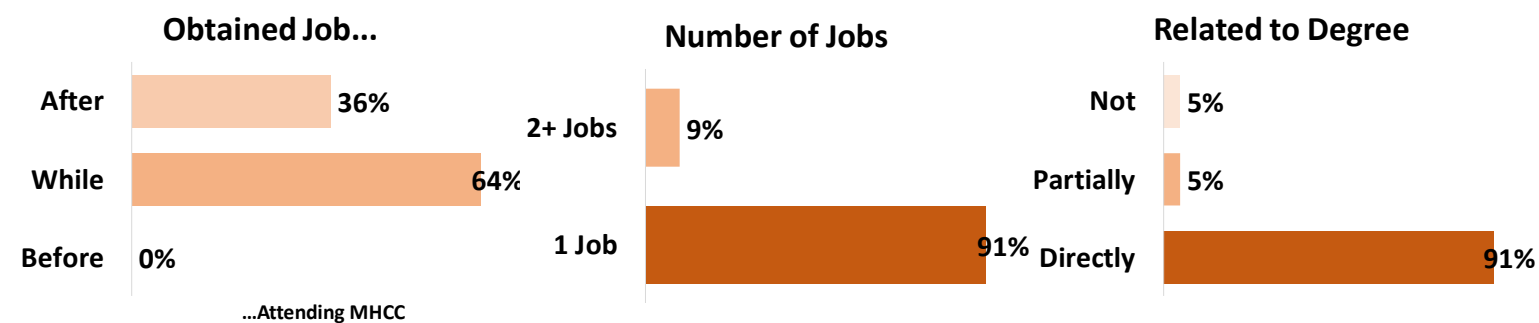
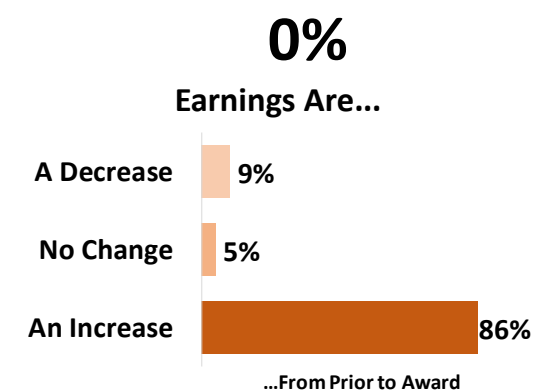


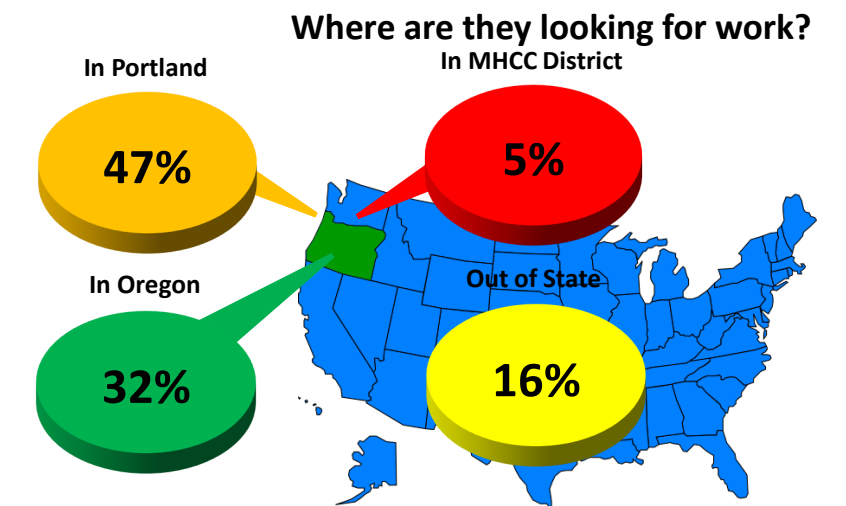
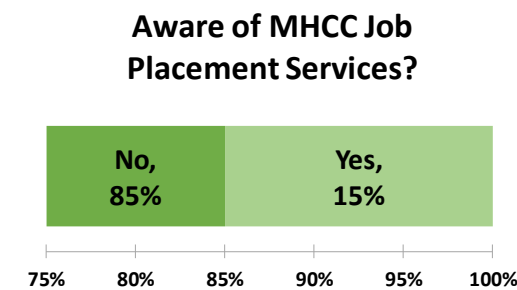
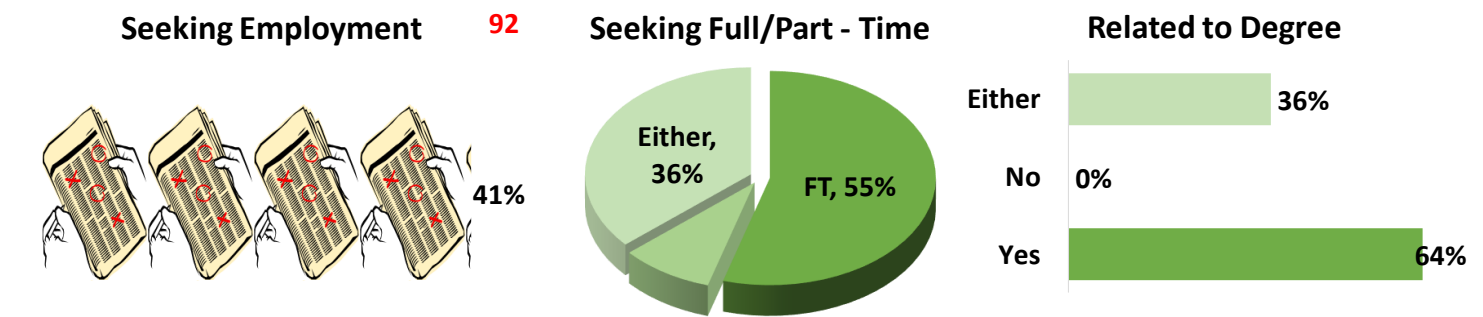
At a Glance...



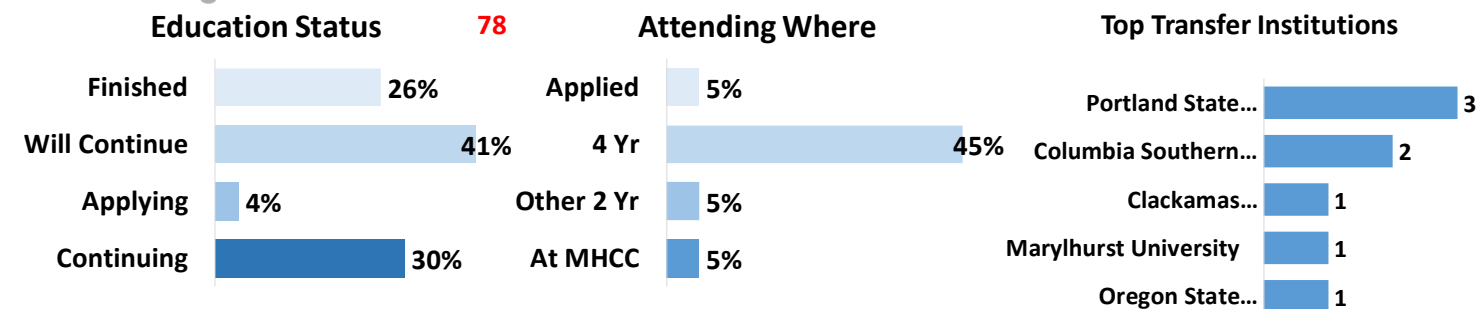
Percent Self Employed / Independent Contractor:



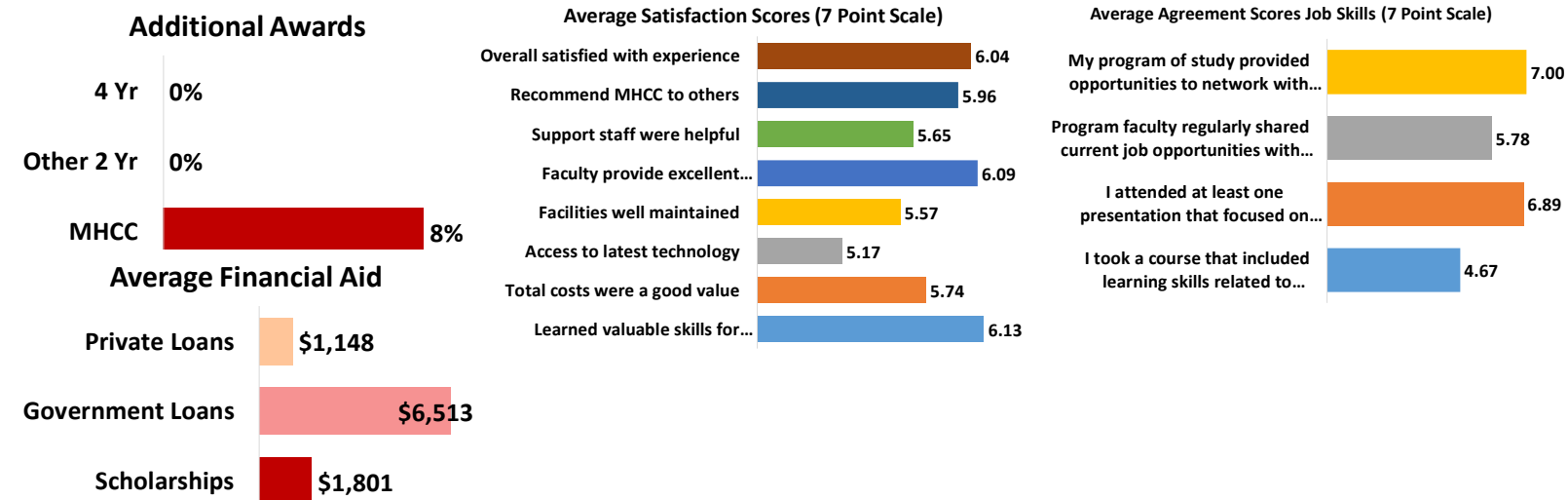
Job Seekers Respondents Indicating They Are Looking for Work: 11



Continuing Education Respondents Indicating They Are Continuing Education: 8

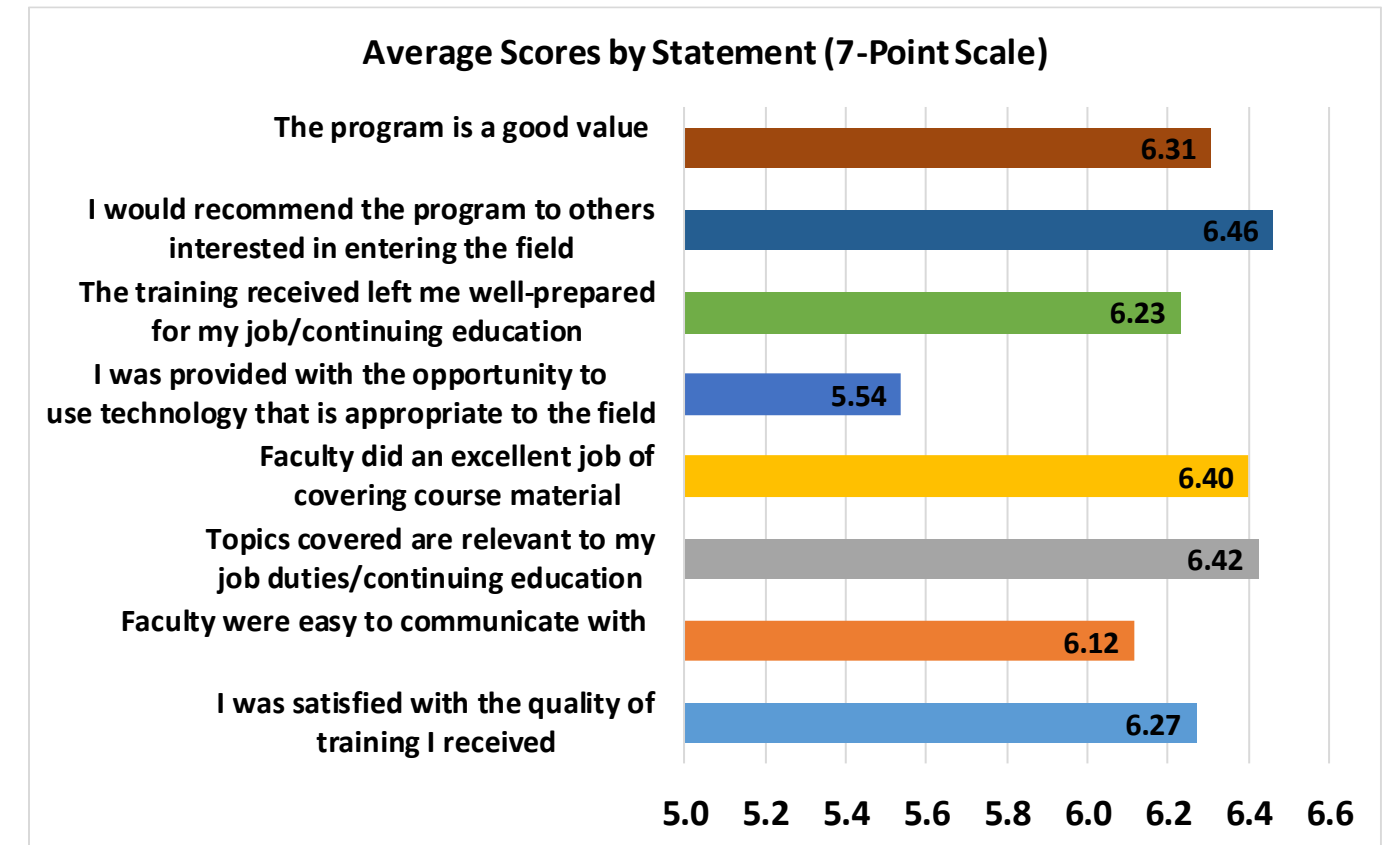


Other Information



Program-specific Questions

Question	Average	Distribution
I was satisfied with the quality of training I received	6.27	
Faculty were easy to communicate with	6.12	
Topics covered are relevant to my job duties/continuing education	6.42	
Faculty did an excellent job of covering course material	6.40	
I was provided with the opportunity to use technology that is appropriate to the field	5.54	
The training received left me well-prepared for my job/continuing education	6.23	
I would recommend the program to others interested in entering the field	6.46	
The program is a good value	6.31	



Data Tables for: Sustainability, Health & Safety

Sustainability, Health & Safety - Employment

Employment Status					Hours Worked per Week And Full Time / Part Time Status							Calculated Hourly Wages					Independent Contractor / Self Employed									
		Employed		Not Employed				Avg Hours	Min	Max	Full Time		Part Time				Avg Wage	Min	Max	5% Trimmed Avg Wage			Yes		No	
2016-17	6	100%	0	0%	2016-17	40.00	30	45	3	75%	1	25%	2016-17	\$26.63	\$18.59	\$30.77	\$26.85	2016-17	0	0%	6	100%				
2015-16	3	100%	0	0%	2015-16	33.33	20	40	2	67%	1	33%	2015-16	\$21.95	\$17.59	\$26.25		2015-16	0	0%	3	100%				
2014-15	4	67%	2	33%	2014-15	45.00	40	60	4	100%	0	0%	2014-15	\$17.55	\$14.42	\$19.23	\$17.63	2014-15	0	0%	4	100%				
2013-14	1	50%	1	50%	2013-14	40.00	40	40	1	100%	0	0%	2013-14	\$32.00	\$32.00	\$32.00		2013-14	0	0%	1	100%				
2012-13	8	80%	2	20%	2012-13	33.38	16	60	4	50%	4	50%	2012-13	\$19.88	\$12.02	\$28.48	\$19.84	2012-13	0	0%	8	100%				
Total	22	81%	5	19%	Total	37.35	16	60	14	70%	6	30%	Total	\$21.77	\$12.02	\$32.00	\$21.89	Total	0	0%	22	100%				

Salary Change from Prior to Award							
		Increase		No Change		Decrease	
2016-17	6	100%	0	0%	0	0%	
2015-16	3	100%	0	0%	0	0%	
2014-15	3	75%	1	25%	0	0%	
2013-14	1	100%	0	0%	0	0%	
2012-13	6	75%	0	0%	2	25%	
Total	19	86%	1	5%	2	9%	

Job Location									
		MHCC District		Portland		In State		Out of State	
2016-17	0	0%	6	100%	0	0%	0	0%	
2015-16	0	0%	3	100%	0	0%	0	0%	
2014-15	0	0%	2	50%	2	50%	0	0%	
2013-14	0	0%	1	100%	0	0%	0	0%	
2012-13	0	0%	5	63%	2	25%	1	13%	
Total	0	0%	17	77%	4	18%	1	5%	

Time Position Obtained (Relative to Award)							
		Before		During		After	
2016-17	0	0%	5	83%	1	17%	
2015-16	0	0%	3	###	0	0%	
2014-15	0	0%	2	50%	2	50%	
2013-14	0	0%	0	0%	1	100%	
2012-13	0	0%	4	50%	4	50%	
Total	0	0%	14	64%	8	36%	

Number Of Jobs									
		1 Job		2 Jobs		3 Jobs		4+ Jobs	
2016-17	5	83%	1	17%	0	0%	0	0%	
2015-16	3	100%	0	0%	0	0%	0	0%	
2014-15	3	75%	1	25%	0	0%	0	0%	
2013-14	1	100%	0	0%	0	0%	0	0%	
2012-13	8	100%	0	0%	0	0%	0	0%	
Total	20	91%	2	9%	0	0%	0	0%	

Related to Degree									
		Directly		Partially		Not			
2016-17	6	100%	0	0%	0	0%			
2015-16	3	100%	0	0%	0	0%			
2014-15	3	75%	0	0%	1	25%			
2013-14	1	100%	0	0%	0	0%			
2012-13	7	88%	1	13%	0	0%			
Total	20	91%	1	5%	1	5%			

Sustainability, Health & Safety - Job Seekers

Seeking Employment					Seeking Full Time / Part Time						Seeking Work Related to Degree								
		Yes		No				Full Time		Part Time				Related		Not Related		Either	
2016-17	2	33%	4	67%	2016-17	1	50%	1	50%	0	0%	2016-17	2	100%	0	0%	0	0%	
2015-16	1	33%	2	67%	2015-16	1	100%	0	0%	0	0%	2015-16	1	100%	0	0%	0	0%	
2014-15	1	17%	5	83%	2014-15	0	0%	0	0%	1	100%	2014-15	0	0%	0	0%	1	100%	
2013-14	2	100%	0	0%	2013-14	2	100%	0	0%	0	0%	2013-14	1	50%	0	0%	1	50%	
2012-13	5	50%	5	50%	2012-13	2	40%	0	0%	3	60%	2012-13	3	60%	0	0%	2	40%	
Total	11	41%	16	59%	Total	6	55%	1	9%	4	36%	Total	7	64%	0	0%	4	36%	

Job Seeking Location					Job Placement Services														
		MHCC District		Portland		In State		Out of State				Not Aware More Info		Not Aware Not Needed		Aware Used		Aware Not Used	
2016-17	0	0%	2	67%	1	33%	0	0%	2016-17	1	50%	0	0%	0	0%	1	50%		
2015-16	0	0%	0	0%	1	100%	0	0%	2015-16	0	0%	1	100%	0	0%	0	0%		
2014-15	0	0%	1	100%	0	0%	0	0%	2014-15	6	100%	0	0%	0	0%	0	0%		
2013-14	0	0%	2	100%	0	0%	0	0%	2013-14	2	100%	0	0%	0	0%	0	0%		
2012-13	1	8%	4	33%	4	33%	3	25%	2012-13	7	78%	0	0%	1	11%	1	11%		
Total	1	5%	9	47%	6	32%	3	16%	Total	16	80%	1	5%	1	5%	2	10%		

Sustainability, Health & Safety - Education

Continuing Education Status					Continuing Education Where																
		Continuing		Applying		Future Plans		Finished				MHCC		Other 2-Year		4- Year		Applied		Not Applied	
2016-17	2	33%	0	0%	3	50%	1	17%	2016-17	0	0%	0	0%	3	60%	0	0%	2	40%		
2015-16	1	33%	0	0%	1	33%	1	33%	2015-16	0	0%	0	0%	1	50%	0	0%	1	50%		
2014-15	3	50%	0	0%	2	33%	1	17%	2014-15	1	20%	0	0%	2	40%	0	0%	2	40%		
2013-14	0	0%	0	0%	1	50%	1	50%	2013-14	0	0%	0	0%	0	0%	1	100%	0	0%		
2012-13	2	20%	1	10%	4	40%	3	30%	2012-13	0	0%	1	14%	3	43%	0	0%	3	43%		
Total	8	30%	1	4%	11	41%	7	26%	Total	1	5%	1	5%	9	45%	1	5%	8	40%		

Transfer Institutions		
University	Attending	Applied
Clackamas Community College	1	0
Columbia Southern University	2	0
Marylhurst University	1	0
Oregon State University	1	0
Portland State University	3	1

Sustainability, Health & Safety - Response Rates by Degree

Associate of Applied Science - Environmental Science Safety				
Grad Year	Total Graduates	Total Contacted	Total Respondents	Response Rate
2012-13	1	1	0	0.00%
Total	1	1	0	0.00%

Associate of Applied Science - Sustainability, Helath, and Safety				
Grad Year	Total Graduates	Total Contacted	Total Respondents	Response Rate
2016-17	1	1	1	100.00%
2015-16	2	2	1	50.00%
2014-15	8	8	6	75.00%
2013-14	6	6	2	33.33%
2012-13	15	14	10	71.43%
Total	32	31	20	64.52%

Certificate - Sustainability, Health, and Safety				
Grad Year	Total Graduates	Total Contacted	Total Respondents	Response Rate
2012-13	1	1	0	0.00%
Total	1	1	0	0.00%

1 Year Certificate - Sustainability, Health, and Safety				
Grad Year	Total Graduates	Total Contacted	Total Respondents	Response Rate
2015-16	5	5	3	60.00%
Total	5	5	3	60.00%

Totals for Sustainability, Health & Safety				
Total	39	38	23	60.53%

Note: Totals may not match Program Total Data Tables. Students with multiple awards are counted in each award earned.

Employment																											
Grad Year	Employed		Number of Jobs				Related to Degree			Job Location				Time Position Obtained			Independent Contractor		Hours per Week			Calculated Salary			Salary Change		
	Yes	No	1	2	3	4+	Directly	Partially	Not	MHCC District	Portland	In-State	Out-of-State	Before Starting	While Attending	After Award	Yes	No	Avg. Hours	# Full-Time	# Part-Time	Avg. Salary	Min. Salary	Max. Salary	Increase	No Change	Decrease
2016-17	1	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	1	45.00	1	0	\$30.77	\$30.77	\$30.77	1	0	0
	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%						100.00%	0.00%	0.00%
2015-16	1	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	1	40.00	1	0	\$26.25	\$26.25	\$26.25	1	0	0
	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%						100.00%	0.00%	0.00%
2014-15	4	2	3	1	0	0	3	0	1	0	2	2	0	0	2	2	0	4	45.00	4	0	\$17.55	\$14.42	\$19.23	3	1	0
	66.67%	33.33%	75.00%	25.00%	0.00%	0.00%	75.00%	0.00%	25.00%	0.00%	50.00%	50.00%	0.00%	0.00%	50.00%	50.00%	0.00%	100.00%						75.00%	25.00%	0.00%	
2013-14	1	1	1	0	0	0	1	0	0	0	1	0	0	0	0	1	0	1	40.00	1	0	\$32.00	\$32.00	\$32.00	1	0	0
	50.00%	50.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%						100.00%	0.00%	0.00%	
2012-13	8	2	8	0	0	0	7	1	0	0	5	2	1	0	4	4	0	8	33.38	4	4	\$19.88	\$12.02	\$28.48	6	0	2
	80.00%	20.00%	100.00%	0.00%	0.00%	0.00%	87.50%	12.50%	0.00%	0.00%	62.50%	25.00%	12.50%	0.00%	50.00%	50.00%	0.00%	100.00%						75.00%	0.00%	25.00%	
Totals	15	5	14	1	0	0	13	1	1	0	10	4	1	0	8	7	0	15	38.13	11	4	\$21.31	\$12.02	\$32.00	12	1	2
	75.00%	25.00%	93.33%	6.67%	0.00%	0.00%	86.67%	6.67%	6.67%	0.00%	66.67%	26.67%	6.67%	0.00%	53.33%	46.67%	0.00%	100.00%						80.00%	6.67%	13.33%	

Job Seeking																									
Grad Year	Seeking Employment		Seeking FT/PT			Related to Degree			Job Seeking Location				Job Placement Services												
	Yes	No	Full-Time	Part-Time	Either	Related	Not Related	Either	MHCC District	Portland	In-State	Out-of-State	Not Aware More Info	Not Aware Not Needed	Aware Used	Aware Not Used									
2016-17	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
	0.00%	100.00%																							
2015-16	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0										
	0.00%	100.00%																							
2014-15	1	5	0	0	1	0	0	1	0	1	0	0	6	0	0	0									
	16.67%	83.33%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%	0.00%	100.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%									
2013-14	2	0	2	0	0	1	0	1	0	2	0	0	2	0	0	0									
	100.00%	0.00%	100.00%	0.00%	0.00%	50.00%	0.00%	50.00%	0.00%	100.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%									
2012-13	5	5	2	0	3	3	0	2	1	4	4	3	7	0	1	1									
	50.00%	50.00%	40.00%	0.00%	60.00%	60.00%	0.00%	40.00%	8.33%	33.33%	33.33%	25.00%	77.78%	0.00%	11.11%	11.11%									
Totals	8	12	4	0	4	4	0	4	1	7	4	3	15	0	1	1									
	40.00%	60.00%	50.00%	0.00%	50.00%	50.00%	0.00%	50.00%	6.67%	46.67%	26.67%	20.00%	88.24%	0.00%	5.88%	5.88%									

Education																									
Grad Year	Continuing Education Status				Continuing Education Where																				
	Continuing	Applying	Future Plans	Finsihed	At MHCC	Other College	2Yr University	4Yr University	Currently Applying	Have Not Applied															
2016-17	0	0	1	0	0	0	1	0	0	0															
	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%															
2015-16	0	0	1	0	0	0	0	0	0	1															
	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%															
2014-15	3	0	2	1	1	0	2	0	0	2															
	50.00%	0.00%	33.33%	16.67%	20.00%	0.00%	40.00%	0.00%	0.00%	40.00%															
2013-14	0	0	1	1	0	0	0	1	0	0															
	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%															
2012-13	2	1	4	3	0	1	3	0	0	3															
	20.00%	10.00%	40.00%	30.00%	0.00%	14.29%	42.86%	0.00%	0.00%	42.86%															
Totals	5	1	9	5	1	1	6	1	0	6															
	25.00%	5.00%	45.00%	25.00%	6.67%	6.67%	40.00%	6.67%	0.00%	40.00%															

Sustainability, Health & Safety

1 Year Certificate - Sustainability, Health, and Safety

Employment

Grad Year	Employed		Number of Jobs				Related to Degree			Job Location				Time Position Obtained			Independent Contractor		Hours per Week			Calculated Salary			Salary Change		
	Yes	No	1	2	3	4+	Directly	Partially	Not	MHCC District	Portland	In-State	Out-of-State	Before Starting	While Attending	After Award	Yes	No	Avg. Hours	# Full-Time	# Part-Time	Avg. Salary	Min. Salary	Max. Salary	Increase	No Change	Decrease
2015-16	3	0	3	0	0	0	3	0	0	0	3	0	0	0	3	0	0	3	3	2	1	\$21.95	\$17.59	\$26.25	3	0	0
	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	0.00%	0.00%
Totals	3	0	3	0	0	0	3	0	0	0	3	0	0	0	3	0	0	3	33.33	2	1	\$21.95	\$17.59	\$26.25	3	0	0
	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	0.00%	0.00%

Job Seeking

Grad Year	Seeking Employment		Seeking FT/PT			Related to Degree			Job Seeking Location				Job Placement Services			
	Yes	No	Full-Time	Part-Time	Either	Related	Not Related	Either	MHCC District	Portland	In-State	Out-of-State	Not Aware More Info	Not Aware Not Needed	Aware Used	Aware Not Used
2015-16	1	2	1	0	0	1	0	0	0	0	1	0	0	1	0	0
	33.33%	66.67%	100.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%	0.00%	0.00%
Totals	1	2	1	0	0	1	0	0	0	0	1	0	0	1	0	
	33.33%	66.67%	100.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%	0.00%	

Education

Grad Year	Continuing Education Status				Continuing Education Where				
	Continuing	Applying	Future Plans	Finsihed	At MHCC	Other 2Yr College	4Yr University	Currently Applying	Have Not Applied
2015-16	1	0	1	1	0	0	1	0	1
	33.33%	0.00%	33.33%	33.33%	0.00%	0.00%	50.00%	0.00%	50.00%
Totals	1	0	1	1	0	0	1	0	1
	33.33%	0.00%	33.33%	33.33%	0.00%	0.00%	50.00%	0.00%	50.00%

Sustainability, Health & Safety

List of Employers

Bureau of Environmental Services

Metro

Metro Regional Government

Metro South Hazardous Waste

Metro South Hazardous Waste Facility

NFN Investments LLC

NFN Investments, LLC

Northwest Resources

Portland construction solutions

Portland General Electric

Sapa Extrusions America inc

TEC Equipment

TEC Equipment, Inc.

URS CORPORATION

Sustainability, Health & Safety: Question 1

Was there a specific course (or courses) that you considered more valuable than others?

- * All of the courses offer amazing instructors with a strong educational understanding and a practical understanding of their course materials. The classes set you up for success in your field by providing numerous networking opportunities and real introductions with working professionals in several industries.
- * Because my specialty is with safety the OSHA 30 class was extremely valuable.
- * The overall program is surprisingly comprehensive! Individuals considering this program should definitely have a background in biology and chemistry as this is a big focus area within the program. The program is full of competent and experienced faculty, professors and guest speakers and the program advisor is the most dedicated advisor and professor I have ever had.
- * Intro to Safety/IH classes taught by Kerry Cooley and the chemistry of hazardous materials class taught by Dr. Mohtasham were very valuable educational experiences.
- * All of the courses in the program were well needed for my success in the Sustainability, Health and Safety field.

Are there any new tools, applications, or standards the SHS Program should be teaching?

- * Having additional opportunities to use instruments and equipment, especially in the industrial hygiene course.
- * No. This program is well adverse in the skill sets necessary.
- * I believe the program covers everything.
- * Could veer more into construction safety given that there is so much construction in the Portland metro area and high demand for construction safety professionals.
- * I have received all of the proper tools, applications and standards from the Sustainability, Health and Safety Program.

Sustainability, Health & Safety: Question 3

Are there specific topics or subjects that the SHS Program did not cover (or provided too little detail) that would have been useful/beneficial in your current job/cont. education?

- * I personally would have enjoyed more emphasis on Safety but I believe there was more than adequate course emphasis. The degree has a variety of applicable industries so I believe focus was given to the correct areas.
- * Being able to connect into PSU's environmental science BS would have been helpful in furthering education.
- * I would have liked to see a more robust overview of the field of industrial hygiene. I think that everything pertinent was covered, I just wish we had more time to put our hands on some of the equipment and maybe do a field project or visit using IH techniques in a workplace.
- * No, the program was comprehensive and prepared me well for the working world.
- * All topics were covered in the Sustainability, Health and Safety Program, that were needed for me to be successful in the field.