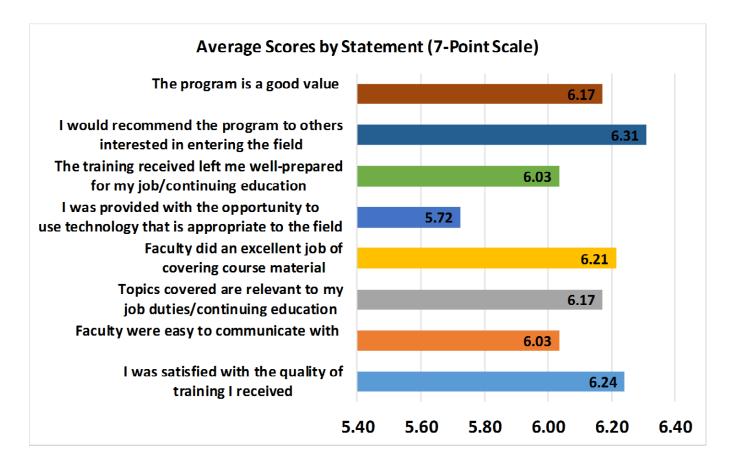


# Sustainability, Health & Safety Program-specific Questions

Question	🔼 Average 🔀 Distribution 🔼
I was satisfied with the quality of	
training I received	6.24
Faculty were easy to communicate with	
	6.03
Topics covered are relevant to my	
job duties/continuing education	6.17
Faculty did an excellent job of	_
covering course material	6.21
I was provided with the opportunity to	_1-
use technology that is appropriate to the field	5.72
The training received left me well-prepared	
for my job/continuing education	6.03
I would recommend the program to others	_
interested in entering the field	6.31
The program is a good value	
	6.17

Open-ended question responses are available in Section 3.



### Data Tables for: Sustainability, Health & Safety

Sustainability, Health & Safety - Employment

Employment Status								
	Empl	Employed		ployed				
2014-15	4	67%	2	33%				
2013-14	1	50%	1	50%				
2012-13	8	80%	2	20%				
2011-12	6	67%	3	33%				
2010-11	2	67%	1	33%				
Total	21	70%	9	30%				

Hours Work	ed per Week A	And Full	Time / P	art Time	e Status		
	Avg Hours	Min	Max	Fu	ull Time	Par	t Time
2014-15	45.00	40	60	4	100%	0	0%
2013-14	40.00	40	40	1	100%	0	0%
2012-13	33.38	16	60	4	50%	4	50%
2011-12	40.00	20	50	3	75%	1	25%
2010-11	52.50	50	55	2	100%	0	0%
Tot	al 39.58	16	60	14	74%	5	26%

Calculated Hou	5% Trimmed			
	Avg Wage	Min	Max	Avg Wage
2014-15	\$17.55	\$14.42	\$19.23	\$17.63
2013-14	\$32.00	\$32.00	\$32.00	
2012-13	\$19.88	\$12.02	\$28.48	\$19.84
2011-12	\$24.53	\$16.00	\$35.19	\$24.41
2010-11	\$23.03	\$18.18	\$27.88	
Total	\$21.42	\$12.02	\$35.19	\$21.18

Independent Contractor / Self Employed								
		Yes						
2014-15	0	0%	4	100%				
2013-14	0	0%	1	100%				
2012-13	0	0%	8	100%				
2011-12	0	0%	6	100%				
2010-11	0	0%	2	100%				
Total	0	0%	21	100%				

Salary Change from Prior to Award								
	Incre	ease	No Cl	nange	Dec	crease		
2014-15	3	75%	1	25%	0	0%		
2013-14	1	100%	0	0%	0	0%		
2012-13	6	75%	0	0%	2	25%		
2011-12	4	80%	1	20%	0	0%		
2010-11	1	50%	0	0%	1	50%		
Total	15	75%	2	10%	3	15%		

Job Location								
	MHCC	MHCC District		rtland	In	State	Out of State	
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%
2011-12	1	17%	4	67%	1	17%	0	0%
2010-11	0	0%	0	0%	0	0%	2	100%
Tota	al 1	5%	12	57%	5	24%	3	14%

Time Position Obtained (Relative to Award)									
	Before		During			After			
2014-15	0	0%	2	50%	2	50%			
2013-14	0	0%	0	0%	1	100%			
2012-13	0	0%	4	50%	4	50%			
2011-12	0	0%	3	50%	3	50%			
2010-11	0	0%	0	0%	2	100%			
Total	0	0%	9	43%	12	57%			

Number Of Jobs									
	-	l Job		2 Jobs		3 Jobs		4+ Jobs	
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%	
2011-12	5	83%	1	17%	0	0%	0	0%	
2010-11	2	100%	0	0%	0	0%	0	0%	
Total	19	90%	2	10%	0	0%	0	0%	

Related	l to Degr	ee					
		Dire	ectly	Pa	Partially		Not
2014-15	5	3	75%	0	0%	1	25%
2013-14	4	1	100%	0	0%	0	0%
2012-13	3	7	88%	1	13%	0	0%
2011-12	2	6	100%	0	0%	0	0%
2010-13	1	1	50%	1	50%	0	0%
	Total	18	86%	2	10%	1	5%

#### Sustainability, Health & Safety - Job Seekers

Jastanias	ility, rice	300 300	(CI )		
Seeking	Employ				
		Ye	S	No	
2014-15		1	17%	5	83%
2013-14		2	100%	0	0%
2012-13		5	50%	5	50%
2011-12		3	33%	6	67%
2010-11		1	33%	2	67%
	Total	12	40%	18	60%

Seeking	Seeking Full Time / Part Time								
		Full T	ime	Part	Time		Either		
2014-15	5	0	0%	0	0%	1	100%		
2013-14	1	2	100%	0	0%	0	0%		
2012-13	3	2	40%	0	0%	3	60%		
2011-12	2	2	67%	0	0%	1	33%		
2010-11	L	0	0%	0	0%	1	100%		
	Total	6	50%	0	0%	6	50%		

Seeking V	Vork Re	lated	to Degr	ree			
		Rela	ated	Not Re	elated		Either
2014-15		0	0%	0	0%	1	100%
2013-14		1	50%	0	0%	1	50%
2012-13		3	60%	0	0%	2	40%
2011-12		3	100%	0	0%	0	0%
2010-11		0	0%	0	0%	1	100%
	Total	7	58%	0	0%	5	42%

Job Seeking	Location							
	MHCC	District	Ро	rtland	In	State	Out o	f State
2014-15	0	0%	1	100%	0	0%	0	0%
2013-14	0	0%	2	100%	0	0%	0	0%
2012-13	1	8%	4	33%	4	33%	3	25%
2011-12	2	33%	3	50%	1	17%	0	0%
2010-11	1	25%	1	25%	1	25%	1	25%
Тс	tal 4	16%	11	44%	6	24%	4	16%

Job Plac	ement S	ervice	!S						
		Not	Aware	Not A	Aware	A۱	ware	Awar	e Not
		Mo	ore Info	Not Ne	eeded	Į	Jsed		Used
2014-15	5	6	100%	0	0%	0	0%	0	0%
2013-14	1	2	100%	0	0%	0	0%	0	0%
2012-13	3	7	78%	0	0%	1	11%	1	11%
2011-12	2	0	0%	0	0%	2	67%	1	33%
2010-11	L	1	100%	0	0%	0	0%	0	0%
	Total	16	76%	0	0%	3	14%	2	10%

#### Sustainability, Health & Safety - Education

Continuing Educ	cation S	tatus						
	Cont	tinuing	Арр	olying	Future	e Plans	Fin	ished
2014-15	3	50%	0	0%	2	33%	1	17%
2013-14	0	0%	0	0%	1	50%	1	50%
2012-13	2	20%	1	10%	4	40%	3	30%
2011-12	2	22%	1	11%	3	33%	3	33%
2010-11	0	0%	0	0%	2	67%	1	33%
Total	7	23%	2	7%	12	40%	9	30%

Continuing Educ	ation	Where								
		MHCC	Other 2	2-Year	4	4- Year	Α	pplied	Not A	Applied
2014-15	1	20%	0	0%	2	40%	0	0%	2	40%
2013-14	0	0%	0	0%	0	0%	1	100%	0	0%
2012-13	0	0%	1	14%	3	43%	0	0%	3	43%
2011-12	0	0%	0	0%	1	17%	0	0%	5	83%
2010-11	0	0%	0	0%	2	100%	0	0%	0	0%
Total	1	5%	1	5%	8	38%	1	5%	10	48%

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

	h & Safety - Respo			
ociate of Applied Scier	nce - Environmental Sci	•	<b>*</b>	
Grad Year	Total Graduates	Total Contacted	Total Respondents	Response Rate
2012-13	1	1	0	0.00%
2012-13	3	3	3	100.00%
Total	4	4	3	75.00%
	nce - Sustainability, Hel		3	75.00%
ociate of Applied Sciel	Total	Total	Total	Response
Grad Year	Graduates	Contacted	Respondents	Rate
2014-15	8	8	6	75.00%
2013-14	6	6	2	33.33%
2012-13	15	14	10	71.43%
2011-12	12	12	8	66.67%
2010-11	3	3	2	66.67%
Total	44	43	28	65.12%
tificate - Sustainability	, Health, and Safety			
Grad Year	Total Graduates	Total Contacted	Total Respondents	Response Rate
2012-13	1	1	0	0.00%
2010-11	1	1	1	100.00%
Total	2	2	1	50.00%
ls for Sustainability, H	ealth & Safety			
Total	50	49	32	65.31%
e: Totals may not match	Program Total Data Table	s Students with mult	inle awards are counted	Lin each award earned

#### Sustainability, Health & Safety

Associate of Applied Science - Environmental Science Safety

Employm	ent																									
	Employ	ed	Nι	ımber o	f Jobs		Rela	ted to Degre	е		Job Loc	ation		Time P	osition Obta	ined	Independ	lent	Hours per V	Veek	Calcu	ulated Sal	lary	Salary	Change	
Grad										MHCC		In-		Before				tor	Avg. # Full-	# Part-	Avg.	Min.	Max.		No	
Year	Yes	No	1	2	3	4+	Directly	Partially	Not	District	Portland	State	State	Starting	Attending	Award	Yes	No	Hours Time	Time	Salary	Salary	Salary	Increase Cha	nge Decr	ease
2011-12	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(	0 0				0	0	0
	0.00% 10	00.00%																								
Totals	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(	0 0				0	0	0
	0.00% 10	00.00%																								

Job Seekin	ng															
	Seek	ing	Seek	ing FT/F	Т	Relat	ted to Degi	ee	Jo	ob Seeking	Location			Job Placeme	nt Services	
Grad	Employ	yment	Full-	Part-			Not		MHCC		In-	Out-of-	Not Aware	Not Aware	Aware	Aware
Year	Yes	No	Time	Time	Either	Related	Related	Either	District	Portland	State	State	More Info	Not Needed	Used	Not Used
2011-12	1	1	0	0	1	1	0	0	1	1	0	0	0	0	1	0
	50.00%	50.00%	0.00%	0.00%	100.00%	100.00%	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
Totals	1	1	0	0	1	1	0	0	1	1	0	0	0	0	1	0
	50.00%	50.00%	0.00%	0.00%	100.00%	100.00%	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%

Education	1								
	Сог	ntinuing Educ	ation Status		Со	ntinuing Edu	cation Wher	e	
Grad			Future		At	Other 2Yr	4Yr	Currently	Have Not
Year	Continuing	Applying	Plans	Finsihed	MHCC	College	University	Applying	Applied
2011-12	0	0	0	2	0	0	0	0	0
	0.00%	0.00%	0.00%	100.00%					
Totals	0	0	0	2	0	0	0	0	0
	0.00%	0.00%	0.00%	100.00%					

#### Sustainability, Health & Safety

Associate of Applied Science - Sustainability, Helath, and Safety

Employn	nent																									
	Emplo	oyed	N	lumber (	of Jobs		Rela	ted to Deg	ree		Job Loc	ation		Time P	osition Obt	ained	Independent	Hou	rs per We	eek	Calc	ulated Sa	alary	Sala	ary Chang	e
Grad										MHCC		In-	Out-of-	Before	While	After	Contractor	Avg.	# Full-	# Part-	Avg.	Min.	Max.		No	
Year	Yes	No	1	2	3	4+	Directly	Partially	Not	District	Portland	State	State	Starting	Attending	Award	Yes No		Time	Time	_		Salary	Increase	Change [	Decrease
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%	ó						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%	Ś						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%	ó						75.00%	0.00%	25.00%
2011-12	6	2	5	1	0	0	6	0	0	1	4	1	0	0	3	3	0 6	40.00	3	1	\$24.53	\$16.00	\$35.19	4	1	0
	75.00%	25.00%	83.33%	16.67%	0.00%	0.00%	100.00%	0.00%	0.00%	16.67%	66.67%	16.67%	0.00%	0.00%	50.00%	50.00%	0.00% 100.00%	ó						80.00%	20.00%	0.00%
2010-11	1	1	1	0	0	0	1	0	0	0	0	0	1	0	0	1	0 1	50.00	1	0	\$27.88	\$27.88	\$27.88	1	0	0
	50.00%	50.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%	0.00% 100.00%	ó						100.00%	0.00%	0.00%
Totals	20	8	18	2	0	0	18	1	1	1	12	5	2	0	9	11	0 20	38.72	13	5	\$21.61	\$12.02	\$35.19	15	2	2
	71.43%	28.57%	90.00%	10.00%	0.00%	0.00%	90.00%	5.00%	5.00%	5.00%	60.00%	25.00%	10.00%	0.00%	45.00%	55.00%	0.00% 100.00%							78.95%	10.53%	10.53%

Job Seekin	g															
	Seek	ing	Seel	king FT/	PT	Relat	ted to Deg	ree	J	ob Seeking	g Location			Job Placemei	nt Services	
Grad	Employ	ment	Full-	Part-			Not		MHCC		In-	Out-of-	Not Aware	Not Aware	Aware	Aware
Year	Yes	No	Time	Time	Either	Related	Related	Either	District	Portland	State	State	More Info	Not Needed	Used	Not Used
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%
2011-12	3	5	2	0	1	3	0	0	2	3	1	0	0	0	2	1
	37.50%	62.50%	66.67%	0.00%	33.33%	100.00%	0.00%	0.00%	33.33%	50.00%	16.67%	0.00%	0.00%	0.00%	66.67%	33.33%
2010-11	1	1	0	0	1	0	0	1	1	1	1	1	1	0	0	0
	50.00%	50.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%	25.00%	25.00%	25.00%	25.00%	100.00%	0.00%	0.00%	0.00%
Totals	12	16	6	0	6	7	0	5	4	11	6	4	16	0	3	2
	42.86%	57.14%	50.00%	0.00%	50.00%	58.33%	0.00%	41.67%	16.00%	44.00%	24.00%	16.00%	76.19%	0.00%	14.29%	9.52%

Education												
	Cor	ntinuing Educ	cation Status		Co	Continuing Education Where						
Grad			Future		At	Other 2Yr	4Yr	Currently	Have Not			
Year	Continuing	Applying	Plans	Finsihed	MHCC	College	University	Applying	Applied			
2014-15	3	0	2	1	1	0	2	0	2			
	50.00%	0.00%	33.33%	16.67%	20.00%	0.00%	40.00%	0.00%	40.00%			
2013-14	0	0	1	1	0	0	0	1	0			
	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	100.00%	0.00%			
2012-13	2	1	4	3	0	1	3	0	3			
	20.00%	10.00%	40.00%	30.00%	0.00%	14.29%	42.86%	0.00%	42.86%			
2011-12	2	1	3	2	0	0	1	0	5			
	25.00%	12.50%	37.50%	25.00%	0.00%	0.00%	16.67%	0.00%	83.33%			
2010-11	0	0	2	0	0	0	2	0	0			
	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%			
Totals	7	2	12	7	1	1	8	1	10			
	25.00%	7.14%	42.86%	25.00%	4.76%	4.76%	38.10%	4.76%	47.62%			

#### Sustainability, Health & Safety

Certificate - Sustainability, Health, and Safety

Employr	ment																							
	Emplo	yed	Ν	umber c	of Jobs		Rela	ted to Degr	ee		Job Loc	ation		Time Po	osition Obt	ained	Independent	Hour	s per W	eek	Calc	ulated Salary	Sal	ary Change
Grad										MHCC		In-	Out-of-	Before	While	After	Contractor	Avg.	# Full-	# Part-	Avg.	Min. Ma	ζ.	No
Year	Yes	No	1	2	3	4+	Directly	Partially	Not	District	Portland	State	State	Starting	Attending	Award	Yes No	Hours	Time	Time	Salary	Salary Salar	Increase	Change Decrease
2010-11	1	0	1	0	0	0	0	1	0	0	0	0	1	0	0	1	0 1	55.00	1	0	\$18.18	\$18.18 \$18.18	0	0 1
	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%	0.00% 100.00%						0.00%	0.00% 100.00%
Totals	1	0	1	0	0	0	0	1	0	0	0	0	1	0	0	1	0 1	55.00	1	0	\$18.18	\$18.18 \$18.18	0	0 1
	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%	0.00% 100.00%						0.00%	0.00% 100.00%

Job Seekin	ng																
	Seekin	g	Seel	king FT/F	т	Rela	ted to Deg	ree	Jol	Job Seeking Location			Job Placement Services				
Grad	Employn	nent	Full-	Part-			Not		MHCC		In-	Out-of-		Not Aware	Aware	Aware	
Year	Yes	No	Time	Time	Either	Related	Related	Either	District P	ortland	State	State	More Info	Not Needed	Used	Not Used	
2010-11	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.00% 100.00%																	
Totals	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0.00% 10	00.00%															

Education	า											
	Coi	ntinuing Educ	ation Status	;	Continuing Education Where							
Grad			Future		At	Other 2Yr	4Yr	Currently	Have Not			
Year	Continuing	Applying	Plans	Finsihed	MHCC	College	University	Applying	Applied			
2010-11	0	0	0	1	0	0	0	0	0			
	0.00%	0.00%	0.00%	100.00%								
Totals	0	0	0	1	0	0	0	0	0			
	0.00%	0.00%	0.00%	100.00%								

## Sustainability, Health & Safety List of Employers

Rureau	οf	Enviro	nmental	Services
Duicau	$\mathbf{v}$	LIIVIIO	rillicita	JUI VICUS

**EORM** 

Metro

Metro Regional Government

Metro South Hazardous Waste

Metro South Hazardous Waste Facility

Mt. Hood Community College

Northwest Resources

Portland construction solutions

Rosendin electric

Sapa Extrusions America inc

TEC Equipment, Inc.

**URS CORPORATION** 

Western States Fire Protection

#### Sustainability, Health & Safety: Question 1

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

- \* Emergency Response Planning
- \* All the regulatory courses were of more value to me now that I work in the field.

- \* IH, chemistry, and toxicology
- \* chem 100-223, Environmental Chemistry (chem 170), OSHA 20 hour general industry training, Environmental Regulation 1&2, Introduction course to RCRA

#### Sustainability, Health & Safety: Question 2

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

- \* Dr. Mohtasham needs to work with Kerry Cooley and contact the American Society of Safety Engineers Columbia-Willamette Chapter for funding to aid in purchasing Hazardous Material Protection suits for HAZWOPER certification. Grant money is available for this purpose this year. Contact Corinna Kupelwieser at 503-720-2509
- \* We should have more equipment that we can practice with (such as respirators, and other PPE to get familiar using).
- \* The core classes should include conflict management and public speaking.
- \* n/a

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 you current job/cont. education?

\* I would recommend heaving a second industrial hygiene class (very relevant to the field)

\* n/a