High School Name:
Community College Name:
CTE Program of Study Name:
Date:

Tualatin High School
Portland Community College
Health Sciences
2/8/2016

## **Health Sciences Cluster**

## **Skills-to-Course Matrix**

Instructions: 1) Click on Sample High School above and enter your High School Name above. 2) Enter the community college name. 3) Enter the Program of Study name. 4) Enter the date. 5) Click on Course 1, Course 2, etc. below and replace with your POS course names (or numbers). 6) Check those courses that trigger the TSA for this POS. 7) Finally, check those standards that are taught with intent and purpose in each course. (You only need to use the optional Focus Area tabs if you are using those skill sets for multiple options in a Progam of Study or if you want to use another set of industry validated standards.)

	Cluster Knowledge and Skills (CTE standards)	EFTION	75A? □ EF 111		75A? □ EET 260	Ter?	15k3. □ FEL 580¢	∠2603.
Code Number	KS Statement							
HSZ01.01	Healthcare professional will know the academic subject matter required for proficiency within their area. They will use this knowledge as needed in their role.	☑	☑	☑	☑	V	☑	
HSZ05.01	Healthcare professionals will understand how their role fits into their department, their organization and the overall healthcare environment. They will identify how key systems affect services they perform and quality of care.	✓	☑		☑	☑	☑	
HSZ06.01	Healthcare professionals will understand the existing and potential hazards to clients, co-workers, and self. They will prevent injury or illness through safe work practices and follow health and safety policies and procedures.			✓	✓	✓	☑	
HSZ07.01	Healthcare professionals will understand the roles and responsibilities of individual members as part of the healthcare team, including effective and sensitive interaction with all members of the healthcare team.			☑	☑	V	☑	
HSZ08.01	Understand the legal responsibilities, limitations, and implications of their actions within the healthcare delivery setting while performing their duties according to regulations, policies, laws, and legislated rights of clients.			☑			☑	
HSZ08.02	Healthcare professionals will understand accepted ethical practices with respect to cultural, social, and ethnic differences within the healthcare environment. They will perform quality healthcare delivery.	✓	Ø	V			v	
HSZ10.01	Healthcare professionals will apply technical skills required for all career specialties. They will demonstrate skills and knowledge as appropriate.		☑	V	☑	V	V	
HSZ10.02	Healthcare professionals will understand how employability skills enhance their employment opportunities and job satisfaction. They will demonstrate key employability skills and will maintain and upgrade skills, as needed.	✓	Ø		☑	V	☑	
HSZ10.03	Healthcare professionals will understand the fundamentals of wellness and the prevention of disease processes. They will practice preventive health behaviors among clients.			☑	☑	V	v	
HSZ10.04	Healthcare professionals will use information technology applications required within all career specialties. They will demonstrate use as appropriate to healthcare applications.	☑	☑		☑	☑	Ø	
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## **Health Research & Biosciences Focus Area**

## **Skills-to-Course Matrix**

<u>Instructions</u>: 1) Click on Sample High School above and enter your High School Name above. 2) Enter the community college name. 3) Enter the Program of Study name. 4) Enter the date. 5) Click on Course 1, Course 2, etc. below and replace with your POS course names (or numbers). 6) Check those courses that trigger the TSA for this POS. 7) Finally, check those standards that are taught with intent and purpose in each course.

	Focus Area Knowledge and Skills (CTE standards)	eft 101	75 <sup>83</sup> □ EF 111		75A <sup>3</sup> □ EET 260	15A <sup>3</sup> □ EF 261	15A?	<b>75</b> Å <sup>?</sup>
Code Numbe	er KS Statement							
HLPE01.01	Summarize how bioscience products improve the quality of life within legal and ethical parameters.			V	<b>☑</b>	<b>U</b>		
HLPE02.01	Apply the fundamentals of mathematical and statistical concepts to bioscience processes and techniques.	V	v		v		V	
HLPE02.02	Integrate the fundamentals of general, organic, and biological chemistry as they apply to bioscience processes and techniques.	v	v	v			v	
HLPE02.03	Integrate the fundamentals of cell biology, genetics, molecular biology, and microbiology as they apply to bioscience processes and techniques.	Ø	<b>I</b>	V				
HLPE03.01	Identify techniques used in biotechnology.	v	v	V	v	v	v	
HLPE03.02	Identify trends in the field of bioscience.	v	v		7	v	v	
HLPE04.01	Use of the principles of solution preparation, and measurement and calibration of instruments while maintaining a safe laboratory environment.	v	v		7	v	v	
HLPE04.02	Perform procedures using aseptic techniques and contamination control.			V	J	v	v	
HLPE05.01	Identify the processes for product design, production and regulatory compliance, and the individuals' role therein.	v	v	V	v	v	v	
HLPE06.01	Summarize and explain the larger ethical (affects society), moral (personal values) and legal issues related to bioscience research, product development and use in society.			V			v	
	- Joseph J.							