

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

Portland Community College  
Health Science  
12/1/2016

Health Sciences Cluster

2016

Skills-to-Course Matrix

**Instructions:** 1) 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, and are assessed in each course. Note: You only need to use the optional Focus Area tabs below if you are using those skill sets for multiple options in a Program of Study or if you want to use another set of industry validated standards.

Cluster Knowledge and Skills (CTE standards)

| CCTC | Code Number | KS Statement                                                                                                                                                          | BI 122 | MA 112 | MA 117 | MA 118 | HE 113 | MA 180 | MA 123 | MA 124 | MLT 100 | MP 201 | MA 131 | MA 120 | MA 122 | MA 270 | MA 132 |
|------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|
|      |             |                                                                                                                                                                       | TSA?   | TSA?   | TSA?   | TSA?   | TSA?   | TSA?   | TSA?   | TSA?   | TSA?    | TSA?   | TSA?   | TSA?   | TSA?   | TSA?   | TSA?   |
| HL 1 | HL01        | Determine academic subject matter, in addition to high school graduation requirements, necessary for pursuing a health science career.                                |        |        |        |        |        |        |        |        |         |        | X      |        | X      |        |        |
| HL 2 | HL02        | Explain the healthcare worker's role within their department, their organization, and the overall healthcare system.                                                  |        | X      |        |        |        |        | X      | X      |         |        |        | X      | X      | X      |        |
| HL 3 | HL03        | Identify existing and potential hazards to clients, co-workers, visitors, and self in the healthcare workplace.                                                       |        |        |        |        |        |        | X      |        |         |        |        |        |        | X      |        |
| HL 4 | HL04        | Evaluate the roles and responsibilities of individual members as part of the healthcare team and explain their role in promoting the delivery of quality health care. |        | X      |        | X      |        |        | X      | X      |         |        |        |        | X      | X      |        |
| HL 5 | HL05        | Analyze the legal and ethical responsibilities, limitations and implications of actions within the healthcare workplace.                                              |        | X      | X      | X      |        |        |        |        |         |        |        | X      |        | X      |        |
| HL 6 | HL06        | Evaluate accepted ethical practices with respect to cultural, social and ethnic differences within the healthcare workplace.                                          |        |        | X      | X      |        |        |        | X      |         |        |        | X      |        | X      |        |

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| BI 122 | MA 112 | MA 117 | MA 118 | HE 113 | MA 180 | MA 123 | MA 124 | MLT 100 | MP 201 | MA 131 | MA 120 | MA 122 | MA 270 | MA 132 |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|

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| BI 122 | MA 112 | MA 117 | MA 118 | HE 113 | MA 180 | MA 123 | MA 124 | MLT 100 | MP 201 | MA 131 | MA 120 | MA 122 | MA 270 | MA 132 |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|

| CCTC     | Code Number | KS Statement                                                                                                                                                                    | TSA? | TSA? | TSA? | TSA? | TSA? | TSA? | TSA? | TSA? | TSA? | TSA? | TSA? | TSA? | TSA? | TSA? |
|----------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| HL-DIA 1 | HLDG01      | Communicate key diagnostic information to healthcare workers and patients in an accurate and timely manner.                                                                     | X    |      | X    | X    | X    | X    | X    | X    |      | X    | X    | X    | X    |      |
| HL-DIA 2 | HLDG02      | Assess and report patient's/client's health status in order to monitor and document patient progress.                                                                           |      | X    | X    | X    | X    | X    | X    |      | X    |      |      | X    |      |      |
| HL-DIA 3 | HLDG03      | Demonstrate the principles of body mechanics for positioning, transferring and transporting of patients/clients, and perform them without injury to the patient/client or self. |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| HL-DIA 4 | HLDG04      | Explain procedures and goals to the patient/client accurately and effectively, using strategies to respond to questions and concerns.                                           |      | X    | X    | X    | X    | X    | X    |      | X    |      |      | X    |      |      |
| HL-DIA 5 | HLDG05      | Select, demonstrate and interpret diagnostic procedures.                                                                                                                        |      |      |      |      |      | X    | X    |      | X    |      |      | X    |      |      |





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Support Services Focus Area

2016

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Focus Area Knowledge and Skills (CTE standards)

| CCTC     | Code Number | KS Statement                                                                                                                                 | BI 122 | MA 112 | MA 117 | MA 118 | HE 113 | MA 180 | MA 123 | MA 124 | MLT 100 | MP 201 | MA 131 | MA 120 | MA 122 | MA 270 | MA 132 |
|----------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|
|          |             |                                                                                                                                              | TSA?   | TSA?   | TSA?   | TSA?   | TSA?   | TSA?   | TSA?   | TSA?   | TSA?    | TSA?   | TSA?   | TSA?   | TSA?   | TSA?   | TSA?   |
| HL-SUP 1 | HLSS01      | Describe, differentiate and safely perform the responsibilities of healthcare support services roles.                                        |        | X      |        |        |        |        | X      |        | X       |        |        |        |        | X      |        |
| HL-SUP 2 | HLSS02      | Demonstrate work practices that maintain a clean and healthy healthcare facility to reduce or eliminate pathogenic organisms.                |        |        |        |        |        |        | X      |        | X       |        | X      | X      |        | X      |        |
| HL-SUP 3 | HLSS03      | Follow established internal and external guidelines in order to provide high-quality, effective support services in the healthcare facility. |        |        | X      | X      |        | X      | X      |        | X       |        | X      |        |        | X      |        |
| HL-SUP 4 | HLSS04      | Maximize available resources for proper care and use of healthcare equipment and materials.                                                  |        |        |        |        |        |        | X      |        | X       |        |        | X      |        | X      |        |
| HL-SUP 5 | HLSS05      | Implement healthcare facility standards in order to maintain high-quality healthcare facilities.                                             |        |        |        |        |        |        | X      |        |         |        |        |        |        | X      |        |

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Therapeutic Services Focus Area

2016

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|----------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|
|          |             |                                                                                                                                                         | TSA?   | TSA?   | TSA?   | TSA?   | TSA?   | TSA?   | TSA?   | TSA?   | TSA?    | TSA?   | TSA?   | TSA?   | TSA?   | TSA?   | TSA?   |
| HL-THR 1 | HLTS01      | Utilize communication strategies to answer patient/client questions and concerns on planned procedures and goals.                                       |        | X      | X      | X      | X      | X      | X      | X      | X       |        | X      |        | X      | X      |        |
| HL-THR 2 | HLTS02      | Communicate patient/client information among healthcare team members to facilitate a team approach to patient care.                                     |        | X      |        | X      | X      | X      | X      | X      |         |        | X      |        | X      | X      |        |
| HL-THR 3 | HLTS03      | Utilize processes for assessing, monitoring and reporting patient's/clients' health status to the treatment team within protocol and scope of practice. |        |        |        | X      | X      |        | X      | X      |         |        | X      |        |        | X      |        |
| HL-THR 4 | HLTS04      | Evaluate patient/client needs, strengths and problems in order to determine if treatment goals are being met.                                           |        |        |        |        |        |        | X      | X      |         |        | X      |        |        | X      |        |