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

Date:

Vernonia High School Mt Hood Community College Natural Resources Program of Study 3/16/2015

Natural Resources Management Cluster

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. (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)	MR 101	TSA. ☑ MR212	∆ √? ¥.	\cdot \sigma^{\cdot \text{\cdot \cdot \cdo	☐ 128.		- 15ª. □
Code Number	KS Statement							
NRZ01.01	Acquire the specific academic knowledge and skills necessary to pursue a full range of career and post-secondary opportunities within natural resources management.	V	v					
NRZ02.01	Use oral and written communication skills in creating, expressing and interpreting natural resource management information and ideas including technical terminology.	V	V					
NRZ02.02	Communicate natural resource management technical information clearly and efficiently using templates, standard formats and technical instruments and tools.	V	V					
NRZ03.01	Solve natural resource problems using critical thinking skills (e.g., analyze, synthesize and evaluate, independently and in teams).	V	V					
NRZ03.02	Access relevant resources to identify public policies, issues and regulations impacting natural resource management.	V	V					
NRZ04.01	Use information technology tools to access, manage, integrate, create and communicate natural resource management information.	V	V					
NRZ05.01	Identify organizations in the natural resource management system and their roles.	V	V					
NRZ05.02	Identify how utilization and management of renewable natural resources establishes the quality of life for the world.	v	V					
NRZ06.01	Demonstrate the importance of health, safety and environmental management systems and their significance to natural resource management organization performance and regulatory compliance.	V	V					
NRZ06.02	Identify health goals, emergency procedures for safety and first-aid for the natural resources workplaces and occupations.							
NRZ06.03	Demonstrate appropriate health and safety emergency procedures for natural resource management occupations.	V	V					
NRZ07.01	Use leadership skills in collaborating with others to accomplish natural resource management organization goals and objectives.	v	V					
NRZ08.01	Know and demonstrate the importance of professional ethics and legal responsibilities in natural resource management careers.	v	V					
NRZ08.03	Compare and contrast issues that affect technical fields in an Oregon natural resource management industry (e.g., biotechnology, employment, safety, environmental quality).	V	V					
NRZ09.01	Know and demonstrate the importance of employability skills for careers in natural resources.	V	V					
NRZ10.01	Demonstrate knowledge and skills related to critical technological systems (e.g., design, operation and maintenance for use in natural resource businesses and industries).	v	V					
NRZ10.02	KSS Use tools, equipment, machinery and technology to work in areas related to natural resources.	v	V					
NR710.04	Forecast the influence of emerging technology on widespread natural resource markets.		[J]	П	П	П	П	

NRZ11.01	Use economic principles to manage natural resources and produce products.	☑	V				
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