



Instructions for Building a Curriculum Map

Office of Institutional Effectiveness and Student Success

2019

First...a few definitions.

A **Curriculum Map** depicts the relationship between courses and Student Learning Outcomes/Core Learning Outcomes.

The map indicates which SLOs/CLOs are addressed by a particular course. It also indicates the degree of mastery a student is expected to gain throughout the class (introducing, practicing, and mastering).

SLO= Student Learning Outcome

CLO= Core Learning Outcome

First...a few definitions.

CE – Civic Engagement

CT – Critical Thinking

PR – Professional Readiness

QL – Quantitative Literacy

SL – Scientific Literacy

WC – Written Communication

CLO Assessment Schedule:

CLO	17-18	18-19	19-20	20-21	21-22	22-23
Civic Engagement		X			X	
Critical Thinking	X			X		
Professional Readiness			X			X
Quantitative Literacy	X			X		
Scientific Literacy			X			X
Written Communication		X			X	

PART ONE: Fill out basic information

NOVA Northern Virginia Community College		Curriculum Map: Student Learning Outcomes and Core Learning Outcomes					
		Program/Discipline: Welding					
		Submitted by: Sami Smith					
		Date: March 22, 2019					
		Courses Fulfilling SLOs/CLOs:					
Student Learning Outcomes Core Learning Outcomes	WEL 120	WEL 121	WEL 122	WEL 126	WEL 130	Wel 150	WEL 160
After each SLO, please identify [in bold] any CLO assessed by the SLO	Intro to Welding	Arc Welding	Welding II (Electric Arc)	Pipe Welding I	Inert Gas Welding	Welding Drawing and Interp.	Semi-Automatic Welding
1. Perform technical work related to welding applying OSHA safety and industry standards in a work environment. PR QR		I/P/M Hands-on performance	I/P/M Hands-on performance	I/P/M Hands-on performance	I/P/M Hands-on performance		I/P/M Hands-on performance
2. Apply physics, chemistry, and basic electrical principles/power source knowledge to solve typical problems and make decisions involving welding related tasks as well as when they write and specify welding procedure. SL WC		I/P Written job plan	M Written job plan	I/P Written job plan	I Written job plan		I/P Written job plan
3. Fabricate a project and estimate the cost of the welding consumables and metal. QL PR		I/P Hands-on performance and written estimate	P/M Hands-on performance and written estimate	I/P Written job plan scored	I/P Hands-on performance and written estimate		I/P Hands-on performance and written estimate

1

- Please include:
- Name of your Program/Discipline
 - Name of the person submitting the report
 - Date

PART ONE (cont'd)

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Write the Course Numbers here.

2

Write the Course Name as shown (this is a new step).

Note: only courses supporting SLOs or CLOs need to be included in the map.


3

PART ONE (cont'd)

4 Insert the SLOs in this column.

If an SLO assesses one or more CLO, add the CLOs in **bold** at the end of the SLO description (within the same cell, as shown).

Including CLOs is a new step in the curriculum map.

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NOTE: Each SLO/CLO will have a row; each course will have a column

PART 2: Inputting information relating to the SLOs and CLOs

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Describe the level to which the outcome is addressed:

I = Introduced
P = Practiced
M = Mastered

Note: SLOs can be addressed at more than one level in a course **AND** in more than one course.

PART 2 (cont'd)

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Indicate the method of assessment you plan to use for measuring the SLO (and possibly CLO).

Examples: standardized tests, certificate exams, locally developed tests/embedded test questions, essays/papers, lab work, etc.

By inputting the level to which the outcome is addressed and the planned method of assessment, *you are indicating which courses your program / discipline can assess the SLO* (and subsequent CLO if applicable).

If an SLO is not addressed by at least one course, the outcome and its place in the program should be reexamined.

PART 2 (cont'd)

3

Add any CLOs that are **not** being assessed by an SLO to the bottom rows of the template.

Fill in the information the same way you have done for the SLOs.

Other CLOs assessed in the discipline/program.* CLO:								
Other CLOs assessed in the discipline/program.* CLO:								

4

If one or more CLOs are not being assessed by the required curriculum, please explain the reasons why in this box, (e.g. “CT and QR are evaluated on the same schedule. We evaluate CT and not QR, so there is no need to cover QR.”).

*If your program/discipline does NOT address a CLO anywhere, please indicate why below. Additionally, you might consider how your program/discipline might include the missing CLO/s in your curriculum.

**Core Learning Outcomes (CLO) are as follows: Civic Engagement=CE, Critical Thinking=CT, Quantitative Reasoning=QR, Scientific Reasoning=SR, Professional Readiness=PR, Written Communication=WC