2019-2020 Curriculum Map: Student Learning Outcomes and Core Learning Outcomes

Program/Discipline:

Submitted by:

Date:

|  |  |  |
| --- | --- | --- |
| **Student Learning Outcomes** | **CLO Alignment with SLOs\*** | **Courses Fulfilling SLOs/CLOs:** |
| [COURSE #] | [COURSE #] | [COURSE #] | [COURSE #] | [COURSE #] | [COURSE #] | [COURSE #] | [COURSE #] |
| [COURSE NAME] | [COURSE NAME] | [COURSE NAME] | [COURSE NAME] | [COURSE NAME] | [COURSE NAME] | [COURSE NAME] | [COURSE NAME] |
| 1) |  |  |  |  |  |  |  |  |  |
| 2) |  |  |  |  |  |  |  |  |  |
| 3) |  |  |  |  |  |  |  |  |  |
| 4) |  |  |  |  |  |  |  |  |  |
| 5) |  |  |  |  |  |  |  |  |  |
| 6) |  |  |  |  |  |  |  |  |  |
| 7) |  |  |  |  |  |  |  |  |  |

**Core Learning Outcomes (CLOs) are as follows:**

Civic Engagement (CE)

Critical Thinking (CT)

Quantitative Literacy (QL)

Scientific Literacy (SL)

Professional Readiness (PR)

Written Communication (WC)

In remaining boxes (below “COURSE NAME”), indicate the SLO **Proficiency Level** (**I**ntroduced, **P**roficient, **M**astered) and **Direct Assessment Method** used (exam, lab assignment, etc.), as relevant.

\*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 mission CLO/s in your curriculum.

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Note: A sample of this template is on the next page.

**SAMPLE**

2019-2020 Curriculum Map: Student Learning Outcomes and Core Learning Outcomes

Program/Discipline: Welding

Submitted by: Sami Smith

Date: March 22, 2019

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| **Student Learning Outcomes** | **CLO Alignment with SLOs\*** | **Courses Fulfilling SLOs/CLOs:** |
| WEL 120 | WEL 121 | WEL 122 | WEL 126 | WEL 130 | Wel 150 | WEL 160 |
| 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 |
| 4. Select appropriate filler material for compatible admixing and dilution in the writing of welding procedure for various ferrous and non-ferrous metals. | SL, WC |   | I/P Hands-on performance and reasoning | P Hands-on performance and reasoning | I/P Hands-on performance and reasoning | P/M Hands-on performance and reasoning |   | I/P Hands-on performance and reasoning |
| 5. Read and correctly interpret basic welding fabrication drawings, sketches, symbols, and/or welding specifications. | CT |   | I/P Hands-on performance and reasoning | P/M Hands-on performance and reasoning | I/P Hands-on performance and reasoning | I/P Hands-on performance and reasoning |   | I/P Hands-on performance and reasoning |
| 6. Demonstrate proficiency of the welding subject through hands-on performance, written work, and in theory. | PR |   | I/P Hands-on performance and written work | P/M Hands-on performance and written work | P/M Hands-on performance and written work | I/P/M Hands-on performance and written work  |   | I/P/M Hands-on performance and written work  |
| N/A | CE | I/P/M Interview |  |  |  |  | I/P Essay |  |