

## Curriculum Review Committee Meeting Agenda

October 23, 2025 @ 3:45 pm via Zoom

### 1. New Course:

- CONS101 Introduction to Construction Technology
  - i. An in-depth study of safety standards and their critical role in the construction industry. Students will review essential safety procedures, practices, and regulations designed to protect workers on construction sites. Additionally, students will be introduced to hand tools and power tools used in the construction industry.
- CONS108 Construction material & Methods
  - i. Introduces students to fundamental construction techniques and materials used in residential and commercial buildings. Emphasis is placed on steel and wood frame structures, exploring common construction materials, components, and systems. Students will examine the construction process from site planning through project completion.
- CONS120 Construction Plans and Specifications
  - i. Focuses on reading and interpreting construction drawings for residential projects. Students will study architectural symbols and terminology commonly used in the industry.
- EE 220L Circuits Laboratory
  - i. This laboratory course introduces students to fundamental analysis methods and network theorems used to describe the operation of electric circuits. Topics include resistive, capacitive, and inductive circuits in DC and AC domains. Students will construct and analyze circuits, verify theoretical principles experimentally, and use circuit simulation software (Multisim) to support their findings. (Required for BME and EE majors)
- EMS 310 Integrated Advanced Patient Care for the EMS Provider
  - i. This course provides an integrated, evidence-based approach to advanced patient care for experienced EMS providers. Content includes advanced assessment and management principles drawn from AMLS, GEMS, PTEP, EPC, and neonatal resuscitation, with emphasis on complex medical, behavioral, pediatric, and neonatal emergencies. Students will strengthen clinical decision-making, communication, and teamwork skills through case-based learning and simulation. This course supports preparation for AMLS, GEMS, PTEP, and EPC certification exams and contributes toward the Community and Critical Care Paramedic Skills Certificate.
- EMS 320 Critical Care Paramedic
  - i. It is part of the skills certificate that is being changed from the community paramedic to the community and critical care paramedic skills certificate.

### 2. Change Course:

- INT 301
  - i. Change name from Integrative Research Methodology to Information Literacy and Research Skills
  - ii. Change pre-requisites from " Must have completed 40 or more credits and have completed Math 120 or Math 124 or Math 126 or Math 126E or higher or STAT 152 and earned a C- or higher in Eng 102 or Eng 333" to "Must have earned at least a C- in ENG 102 or ENG 333. Must have completed Math 116 or higher or STAT 152 or AMS 310".
  - iii. Change catalog description to "A course for students to develop an understanding of information literacy and general research skills. Skills are applied to writing and presenting credible research proposals and collegiate and professional projects based on reliable peer-reviewed materials. Prerequisite: Must have earned at least a C- in ENG 102 or ENG 333. Must have completed MATH 116 or higher or STAT 152 or AMS 310."
- EMS 300 Community Paramedicine
  - i. This course is changing what is required for the community paramedicine skills certificate. It is being expanded to contain critical care paramedic and community paramedicine for the skills certificate. It will make the skills certificate move from a single 10 credit course to 3 courses to create the skills certificate, with EMS 300 as one of the three courses at 4 credits.

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### 3. New Program:

- Technical Writing – Skills Certificate
  - i. This online technical writing skills certificate would prepare the entry level student and existing working individuals to increase their potential in the workforce for promotion and success. The skills certificate will provide communication and writing skills the individual may not have received in on-the-job training or a focused technical program. Sometimes the technical workforce receives entry level positions and are promoted due to their leaderships or technical skills, but struggle with appropriate communication in writing and presenting. This is the perfect pathway to equip these individuals the expertise to showcase their knowledge which is a “critical competency for success in today’s workforce” (City of Elko-Fire Department).
- Project Management
  - i. 90 degree BAS terminal degree course to allow for professional advancement. Strongly supported by industry. Pilot done by BYU Idaho and approved by Northwest.

### 4. Change Program: AS Engineering and Physical Science

- This is an addition of a 1 credit lab for circuits (EE220L).