[Advanced Manufacturing Partnerships in Education (AMPed NH)](http://ampednh.com/%22%20%5Co%20%22Go%20to%20AMPedNH.com%2C%20the%20AMPed%20NH%20Project%20Website) is a New Hampshire initiative created to educate and train eager, motivated people for high-wage, high-skill jobs in the advanced manufacturing industry. Thanks to the Trade Adjustment Assistance Community College and Career Training Grant (TAACCCT) through the US Department of Labor, the [Community College System of NH (CCSNH)](http://www.ccsnh.edu/about-ccsnh) can further enhance the state’s advanced manufacturing sector by providing necessary degree, certificate and training programs to New Hampshire residents. To learn more about the AMPed NH TAACCCT project, please visit <http://ampednh.com/about>.

AMPed NH is a consortium of the seven New Hampshire community colleges: Great Bay Community College (lead applicant), Lakes Region Community College, Manchester Community College, Nashua Community College, NHTI – Concord’s Community College, River Valley Community College, and White Mountains Community College. To learn more about the CCSNH, please visit <http://www.ccsnh.edu/about-ccsnh>.

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| --- | --- |
| College | White Mountains Community College |
| Creator | John Holt |
| Course | BWLD 229 Intro to CAD/CNC |
| Course Description | An introduction to the basic concepts and practices of producing drawings with computer aided drafting (CAD) software and converting those drawings for use on Computer Numerically Controlled (CNC) equipment. Covers designing and generating drawings, using CAD software, the process of translating drawings for use on CNC equipment as well as the operation and use of CNC in the Welding industry. Students should be familiar with basic metallurgy pertaining to the plasma cutting of metals and safety in the welding shop. |
| Program  | * [Advanced Welding Technology Degree](http://www.wmcc.edu/academics/degree-programs/welding-technology-degree)
 |
| Inventory of Materials in ZIP file: | * Course Outline
* Labs
* Syllabus
 |

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