

[Advanced Manufacturing Partnerships in Education \(AMPed NH\)](#) 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 \(CCSNH\)](#) 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 | Manchester Community College (MCC) |
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| Course | AMT110 Manufacturing Processes |
| Course Description | Students will explore the manufacturing process not only as a sequence of material manipulation but also as a product of management. Current managerial philosophies and their effects on every phase of manufacturing will be examined. This information will be synthesized and applied to a manufacturing model, which will give students an opportunity to test their theories on managing a manufacturing facility with limited resources. Throughout the course, emphasis will be placed on effective workplace skills including teamwork, integrity, and dependability. Prerequisite: MATH090M with a grade of "C" or better. |
| Program | <ul style="list-style-type: none"> • Advanced Manufacturing Technologies, AS • Mechatronics Certificate • Robotics Certificate |
| Inventory of Materials in ZIP file: | <ul style="list-style-type: none"> • Syllabus • Course Outlines • Lecture Notes and Recorded Lectures • Lab Assignments • Assessments and Projects |



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