



**Articulation Agreement**  
between  
**Northwestern State University**  
and  
**Louisiana Delta Community College**

This agreement between Louisiana Delta Community College (LDCC) and Northwestern State University (NSU) is intended to create a mutually beneficial path of credit flow between the aforementioned institutions. This agreement addresses the articulation of the Certification for Manufacturing (C4M) curriculum developed by the Louisiana Economic Development Department and offered by LDCC.

Students who complete the C4M curriculum at LDCC and earn certification shall receive 7 (seven) hours of credit from NSU. This agreement assumes that the student meets all other conditions required by NSU for granting transfer credit. While the determination of the applicability of the transfer credit toward fulfilling the degree requirements rests with the appropriate academic department, the following is noted: for students transferring from LDCC, the C4M certification will be applicable to 7 (seven) hours of credit in NSU's Associates or Bachelors of Science in Engineering Technology program. The specific articulation of competencies is outlined below.

As part of NSU's commitment to the advancement of workforce initiatives, the University will award 7 (seven) hours credit to students who have successfully completed the C4M modules and been awarded the C4M certificate. Specifically, credit will be awarded for 1) IET 1020: Engineering Tools and Dimensional Analysis, 2) IET 1800: Occupational Safety and Health, and 3) EET1311: Electronic Fabrication Laboratory. The Department Head of Engineering Technology will be responsible for ensuring that credit for the proper course work is awarded and will work with the Registrar to appropriately document this credit.

This agreement will become effective upon the execution of signatures by the responsible authority for each institution. Both LDCC and NSU agree to provide written notice of at least one full academic year in advance of a desire to terminate this agreement. C4M certifications earned by students while this agreement is in effect will be honored as per the agreement for a period of two years from the completion date of the program. Each institution will notify the other of any contemplated curricular changes that would affect the future of this agreement.

  
\_\_\_\_\_  
Date

Dr. Chris Maggio, President  
Northwestern State University

  
\_\_\_\_\_  
Date

Dennis Epps, Acting Chancellor  
Louisiana Delta Community College

## Appendix

Students who receive C4M Students having a C4M certificate through DCC who enroll at NSU will be given 7 (seven) credit hours towards the Associates or Bachelors of Science Degrees in Engineering Technology. The credit will be given for the following courses:

**IET1020. ENGINEERING TOOLS AND DIMENSIONAL ANALYSIS. (3-2-2).** Principles and practices of measurement technology; use of tools; dimensional analysis; and the use of all the above in applications of technology.

Supported by the following C4M course at LDCC:

***IMFG1020: Tools and Equipment Used in Manufacturing. (4, 2, 2)***

This course provides an introduction to math, measurements, schematics, drawings, and prints used in manufacturing. It also facilitates the application of these skills to safely and correctly use hand tools, power tools, hydraulic systems, and pneumatic systems.

**IET1800. OCCUPATIONAL SAFETY AND HEALTH. (3-3-0).** Principles and practices of accident prevention and safety program operation in industrial facilities and school laboratories; effective safety organization, management and supervision; teacher, administrator and management liabilities; Occupational Safety and Health Act (OSHA).

Supported by the following C4M course at LDCC:

***IMFG1010: Introduction to Manufacturing. (3, 2, 1)***

An overview of the functional and structural compositions of manufacturing; including processes, plant safety, and quality in the manufacturing environment. Presents the personal and interpersonal skills required to be part of a high performance team in a manufacturing environment. Topics include team building, effective communication skills, and ethics in the workplace. Knowing how to use a tape measure is important part of daily activities in a Manufacturing plant. In this course you will know how to consistently measure with a ruler, tape measure and precision measurement devices.

**EET 1311. ELECTRONIC FABRICATION LABORATORY. (1-0-2).** Fabrication techniques for analog and digital circuits. Device symbols and markings, soldering, antistatic techniques, measurement, testing and troubleshooting.

Supported by the following C4M course at LDCC:

***IMFG1040: Introduction to Fabrication, Process Technology and Machining. (4, 2, 2)***

An introduction to fabrication, process technology, and machining careers. Provides hands-on experience in each area.