

# GUIDED PATHWAY: LOGISTICS AND MANUFACTURING TECHNOLOGY A.A.S.

MANUFACTURING and INDUSTRIAL TECHNOLOGY CAREER PATH



For more information, visit the [Dallas College Logistics webpage](http://www.dcccd.edu/Logistics) [www.dcccd.edu/Logistics] and your academic advisor at the Cedar Valley and/or North Lake Campus.

This is an example course sequence for students interested in pursuing the Logistics and Manufacturing Technology associate degree. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn an Associate of Applied Science (A.A.S.) degree in Logistics and Manufacturing Technology. Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by Dallas College. See catalog for [official degree requirements](#).

The A.A.S. degree program in Logistics and Manufacturing Technology is an industry certification program designed to develop the skills and knowledge necessary to enter the growing fields of logistics, advanced manufacturing, transportation, and warehousing. A student must complete courses in ONE specialization (Supply Chain Management or Manufacturing and Quality Management) to be awarded the A.A.S. in Logistics and Manufacturing Technology. Courses that complete the degree also compete the [Logistics and Material Management Certificate](#) (LM), and the [Advanced-Level Logistics Professional Certificate](#) (LP) and are noted below.

Visit the [NTCCC Transfer Consortium](#) to view guided pathways created for students who complete an A.A.S. degree and the options for transfer to complete a Bachelor of Applied Arts and Science. Speak with an academic advisor at your campus to choose courses that will help you to transfer to a specific university.

Catalog Year	2020-2021	You may use this pathway if you entered Dallas College on or before this date.
Degree Type	Associate of Applied Science	
GPA Requirement	Student must earn a GPA of 2.0 or higher	
<a href="#">TSI</a>	Must be Complete	

## SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students. This is not an official degree plan. See catalog for [official degree requirements](#).

### AAS DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS

#### SEMESTER 1

Total Hours: 15

[ENGL 1301](#) – Composition I *This is a Core course. Must earn a grade of “C” or higher.*

[LMGT 1319](#) – Introduction to Business Logistics

[LMGT 1321](#) – Introduction to Materials Handling

[LMGT 1325](#) – Warehouse and Distribution Center Management

**CHOOSE ONE:** [MATH 1314](#) – College Algebra *This is a Core course. Must earn a grade of “C” or higher.*

[MATH 1342](#) – Elementary Statistical Methods *This is a Core course. Must earn a grade of “C” or higher.*

**OR** [MATH 1324](#) – Mathematics for Business and Social Sciences *This is a Core course. Must earn a grade of “C” or higher.*

#### SEMESTER 1 ACTION ITEMS

1. Meet with your advisor to confirm academic and career goals before the end of the semester.
2. Meet with a career advisor or coach to research your career options and opportunities for job shadowing.

#### SEMESTER 2

Total Hours: 15

[LMGT 2330](#) – International Logistics Management *(Course also applies to LM, LP)*

[LMGT 2334](#) – Principles of Traffic Management *(Course also applies to LM, LP)*

[IBUS 1300](#) – Global Logistics Management

**CHOOSE ONE:** [SPCH 1311](#) – Introduction to Speech Communication *This is a Core course.* **OR**

[SPCH 1315](#) – Public Speaking *This is a Core course.*

**CHOOSE ONE:** [LMGT 1393](#) – Special Topics in Logistics and Materials Management (*Course also applies to LM, LP*) **OR**

[LMGT 1340](#) – Contemporary Logistics Issues

**SEMESTER 2 ACTION ITEMS**

1. Meet with your advisor to request an official program of study audit and confirm or update your academic and career path and program of study.

**SEMESTER 3**

**Total Hours: 15**

**HUMANITIES/FINE ARTS ELECTIVE\*** *This is a Core course.*

**SPECIALIZATION** – Choose **3 courses** from Specialization 1 or 2\*\* (*LMGT 1341 and LMGT 1370 apply to LM and LP*)

**CHOOSE ONE:** [ECON 2301](#) – Principles of Macroeconomics *This is a Core course.* **OR**

[ECON 2302](#) – Principles of Microeconomics *This is a Core course.*

\*Humanities/Fine Arts Elective - must be selected from the AAS Core Options for Humanities/Fine Arts.

\* **Specialization 1:** ACCT 2301, BMGT 1327, BMGT 1301, BUSI 1301, LMGT 1323, LMGT 1341, LMGT 1345, LMGT 1370, or POFT 2312

**Specialization 2:** IBUS 1341, INMT 1311, LMGT 1345, LMGT 1349, MCHN 1319, MFGT 1302, or QCTC 1301

**SEMESTER 3 ACTION ITEMS**

1. Meet with a career advisor or coach for assistance in preparing for job search.
2. Meet with a faculty or career advisor regarding placement for the Cooperative Education/Practicum course in semester 4.

**SEMESTER 4**

**Total Hours: 15**

**SPECIALIZATION** – Choose **4 courses** from Specialization 1 or 2\* (*POFT 2312 applies to LP.*

*LMGT 1345 applies to LM*)

**BMGT 2384** – Cooperative Education-Operations Management and Supervision\*\* (*Course also applies to LP*)

**SEMESTER 4 ACTION ITEMS**

1. After reviewing your program of study, meet with your advisor to apply for the Logistics and Manufacturing Technology A.A.S.
2. Sign up for Commencement.
3. Join the [Alumni Network!](#)

\* **Specialization 1:** ACCT 2301, BMGT 1327, BMGT 1301, BUSI 1301, LMGT 1323, LMGT 1341, LMGT 1345, LMGT 1370, or POFT 2312

**Specialization 2:** IBUS 1341, INMT 1311, LMGT 1345, LMGT 1349, MCHN 1319, MFGT 1302, or QCTC 1301

\*\* *BMGT 2384 Cooperative Education-Operations Management and Supervision is an External Cooperative Learning Experience and serves as the capstone for the program. The course involves twenty hours per week of workplace experience and a one-hour lecture per week for sixteen weeks. This provides a total of 320-workplace experience hours and 16 lecture hours over a sixteen-week semester.*

**PATHWAY TOTAL: 60 SEMESTER CREDIT HOURS**