

# SUPPLY CHAIN MANAGEMENT AND LOGISTICS, ASSOCIATE IN APPLIED SCIENCE



College(s): OH

Program Code: 0737

The Associate in Applied Science degree in Transportation, Distribution, and Logistics provides students with a direct experience working in a logistics environment, building skills critical to success including: operations/business development, receiving, shipping, and case analysis. The program prepares students for working from entry level to supervisory positions.

## Program Requirements

Code	Title	Hours
<b>General Education Coursework</b>		
ENGLISH 101	Composition	3
Any General Education Mathematics		3
PSYCH 201	General Psychology	3
ECON 201	Principles Of Economics I	3
Any Social and Behavioral Sciences Gen-Ed that satisfies HD		3
SPEECH 101	Fundamentals of Speech Communication	3
<b>Required Program Core</b>		
SCML 150	Intro To Transportation Administration	3
SCML 152	Intro To Business Logistics	3
SCML 154	Customer Service Operations	3
SCML 155	Warehouse Management	3
SCML 158	Purchasing	3
SCML 159	Inventory Management	3
SCML 160	Operations Management	3
SCML 180	E-Commerce/E-Procurement	3
SCML 181	Demand Planning & Forecasting	3

SCML 182	Global Logistics	3
CIS 120	Introduction to Computer Applications	3
<b>Program Electives</b>		
Select a minimum of 9 credit hours of program electives (p. 1)		9
<b>Total Hours</b>		<b>60</b>

At least one course must meet the Human Diversity (HD) requirement.

## Program Electives

Code	Title	Hours
BUSINES 111	Introduction To Business	3
BUSINES 180	Fundamentals Of Accounting	3
BUSINES 181	Financial Accounting	4
BUSINES 182	Managerial Accounting	4
BUSINES 211	Business Law I	3
BUSINES 231	Marketing	3
BUSINES 232	Fundamentals of International Business	3
BUSINES 237	Selling	3
BUSINES 269	Principles Of Management	3
BUSINES 274	Industrial Management	3
BUSINES 284	Business Communications	3
CIS 123	Microcomputer Spreadsheets	3
MATH 125	Introductory Statistics	4
ECON 202	Principles Of Economics II	3
SCML 151	Central Store: Applied Logistics	6

## Pathway

This is an **example course sequence** for students interested in Supply Chain Management & Logistics. It does not represent a contract, nor does it guarantee course availability. If this pathway is followed as outlined, you will earn a Basic Certificate (BC), Advanced Certificate (AC) and

Associate in Applied Science Degree (AAS) in Supply Chain Management & Logistics. Depending on your chosen electives, you may also earn a BC in Cannabis Dispensary Operations Specialist. One course will satisfy the Human Diversity (HD) requirement, and is labeled with an (HD) in the sequence below..

## Semester-by-Semester Program Plan for Full-Time Students

All plans can be modified to fit the needs of part-time students by adding more semesters.

Semester 1		Hours
SCML 150	Intro To Transportation Administration	3
SCML 152	Intro To Business Logistics	3
SCML 154	Customer Service Operations	3
SCML 155	Warehouse Management	3
SCML 158	Purchasing	3
<b>Hours</b>		<b>15</b>
Semester 2		Hours
ENGLISH 101	Composition <sup>1</sup>	3
MATH 118	General Education Math <sup>1</sup>	4
CIS 120	Introduction to Computer Applications	3
SCML 159	Inventory Management	3
SCML 160	Operations Management	3
<b>Hours</b>		<b>16</b>
Semester 3		Hours
PSYCH 201	General Psychology <sup>1</sup>	3
ECON 201	Principles Of Economics I	3
SCML 180	E-Commerce/E-Procurement	3
SCML 182	Global Logistics	3
Program Elective (p. 2) <sup>2</sup>		3
<b>Hours</b>		<b>15</b>
Semester 4		Hours
SPEECH 101	Fundamentals of Speech Communication <sup>1</sup>	3
Social and Behavioral Sciences course (HD) <sup>1</sup>		3
SCML 181	Demand Planning & Forecasting	3
Program Elective (p. 2) <sup>2</sup>		3
Program Elective (p. 2) <sup>2</sup>		3
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>61</b>

<sup>1</sup> General Education Requirement

<sup>2</sup> Program Elective (p. )

### Program Electives

Code	Title	Hours
BUSINES 111	Introduction To Business	3
BUSINES 180	Fundamentals Of Accounting	3
BUSINES 181	Financial Accounting	4
BUSINES 182	Managerial Accounting	4
BUSINES 211	Business Law I	3
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BUSINES 274	Industrial Management	3
BUSINES 284	Business Communications	3
CIS 123	Microcomputer Spreadsheets	3

MATH 125	Introductory Statistics	4
ECON 202	Principles Of Economics II	3
SCML 151	Central Store: Applied Logistics	6

Choose your courses with your College Advisor.

## Careers

This program can prepare students for the jobs listed below. Click on each one to learn more, including average earnings, annual job openings, and how much education people in that field have. For additional guidance and resources on career options, current City Colleges students and alumni can contact the Career Services Office (<https://www.ccc.edu/departments/Pages/Career-Services.aspx>).

## First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand Job Description

Directly supervise and coordinate the activities of helpers, laborers, or material movers, hand.

### Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Lightcast earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

#### Annual Wages

Entry-Level 10 <sup>th</sup> Percentile	\$41,455
Median 50 <sup>th</sup> Percentile	\$62,674
Senior-Level 90 <sup>th</sup> Percentile	\$92,236

#### Hourly Wages

Entry-Level 10 <sup>th</sup> Percentile	\$20
Median 50 <sup>th</sup> Percentile	\$30
Senior-Level 90 <sup>th</sup> Percentile	\$44

### Annual Job Openings

945 annual openings in Cook County

### National Education Attainment

Here, you can see the level of education that people in this career complete.

Degree Program	% of Jobs
A high school diploma or less	71.73%
A certificate	0.72%
Some college	12.38%
An Associate degree	0.00%
A Bachelor's degree	15.17%
A Master's or Professional degree	0.00%
A Doctoral degree or more	0.00%

15.17% continue their education beyond an associate degree

# First-Line Supervisors of Material-Moving Machine and Vehicle Operators

## Job Description

Directly supervise and coordinate activities of material-moving machine and vehicle operators and helpers.

## Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Lightcast earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

### Annual Wages

Entry-Level 10 <sup>th</sup> Percentile	\$41,455
Median 50 <sup>th</sup> Percentile	\$62,674
Senior-Level 90 <sup>th</sup> Percentile	\$92,236

### Hourly Wages

Entry-Level 10 <sup>th</sup> Percentile	\$20
Median 50 <sup>th</sup> Percentile	\$30
Senior-Level 90 <sup>th</sup> Percentile	\$44

## Annual Job Openings

945 annual openings in Cook County

## National Education Attainment

Here, you can see the level of education that people in this career complete.

Degree Program	% of Jobs
A high school diploma or less	29.86%
A certificate	2.56%
Some college	28.79%
An Associate degree	13.57%
A Bachelor's degree	25.22%
A Master's or Professional degree	0.00%
A Doctoral degree or more	0.00%

25.22% continue their education beyond an associate degree