

# SUPPLY CHAIN MANAGEMENT (AAS)

## Manufacturing and Construction

Program website (<https://www.harpercollege.edu/academics/manufacturing/supply-chain-management/supply-chain-management-degree.php>)

## Program Overview

This 60 credit-hour program is designed to provide End-to-End (E2E) supply chain education for those persons pursuing entry level jobs and careers in supply chain management.

The curriculum focuses on both the technical and employability skills needed to be successful in this field. Targeted educational content covers all supply chain functions including demand planning, inventory management, production control, procurement and sourcing, transportation, and warehouse management and logistics design. The degree provides business content including accounting and economics ensuring that students have a solid base of general financial acumen. The additional general education requirements focus on the critical skills of communication and presentation competencies, organizational savvy, relationship management, team building and problem solving.

## Program Requirements

First Semester		Hours
ENG 101	Composition I	3
MGT 111	Introduction to Business Organization	3
SCM 101	Supply Chain Management	3
SCM 122	Inventory Management	3
SCM 126	Demand Planning	3
<b>Hours</b>		<b>15</b>
Second Semester		Hours
ACC 101	Introduction to Financial Accounting	4
MGT 150	Business Math <sup>1</sup>	3
PSY 101	Introduction to Psychology <sup>+</sup>	3
SCM 123	Transportation	3
SCM 127	Customer Service and Fulfillment <sup>1</sup>	2
<b>Hours</b>		<b>15</b>
Third Semester		Hours
PSY 245	Industrial/Organizational Psychology <sup>2</sup>	3
SCM 120	Production Control	3
SCM 124	Warehouse Operations	3
SCM 125	Procurement	3
SCM 228	Logistics Design and Strategy <sup>3</sup>	3
<b>Hours</b>		<b>15</b>
Fourth Semester		Hours
CIS 101	Introduction to Computer Information Systems	3
ECO 211	Microeconomics	3
MGT 165	Global Business <sup>+</sup>	3
PHI 150	Business Ethics	3

SPE 101	Fundamentals of Speech Communication	3
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>60</b>

+ This course meets the World Cultures and Diversity graduation requirement.

<sup>1</sup> The mathematics requirement for this degree can be met with MGT 150 or Math Competency. See Math Competency options (<https://www.harpercollege.edu/testing/docs/math-competency-options.php>) for information. Students who use Math Competency to meet the mathematics requirement must complete an additional three credit-hour AAS General Education elective. See full list of AAS General Education Electives. (<https://catalog.harpercollege.edu/catalog/programs/aas-general-education-electives/>)

<sup>2</sup> May substitute SCM 226. (Prerequisites of SCM 101 and SCM 120 must be met prior to registration.)

<sup>3</sup> May substitute SCM 259. (Prerequisites of SCM 101 and SCM 125 must be met prior to registration.)

<sup>4</sup> May substitute SCM 226 or SCM 259. (Prerequisites must be met prior to registration.)

## Program Learning Outcomes

- Understand the key functions that comprise Supply Chain Management (SCM), and understand the roles and responsibilities within each function.
- Understand the linkages of supply chain functions across various departments across an organization including marketing and sales, engineering and design, finance, accounting, manufacturing, customer service, etc.
- Understand the various types of processes associated with supply chain management including S&OP, ERP, MRP, MPS and others; students will also gain a high level understanding of the role of SAP and its connection to each of the aforementioned processes and tools.
- Understand the ethical issues surrounding supply chain management and supporting business practices as well as the nuances related to global sourcing and distribution.
- Understand the importance of the supply chain's role in the overall financial performance and goals of the organization, and the need for robust risk mitigation planning to support these objectives.