

# SUPPLY CHAIN MANAGEMENT

## Associate in Applied Science Degree

This 61 credit-hour program is designed to provide in-service education for those persons working directly in, or in fields allied to, supply chain management. Additionally, the program may provide pre-service training for those who may seek or be transferred into jobs within these fields.

### FIRST YEAR

#### First Semester

|     |     |   |           |
|-----|-----|---|-----------|
| ACC | 101 | Introduction to Financial Accounting .....  | 4         |
| CIS | 122 | Database Software .....                     | 1         |
| CIS | 123 | Spreadsheet Software .....                  | 1         |
| CIS | 124 | Advanced Spreadsheet Software .....         | 1         |
| ENG | 101 | Composition .....                           | 3         |
| MAT | 101 | Supply Chain Management .....               | 3         |
| MGT | 111 | Introduction to Business Organization ..... | 3         |
|     |     |   | <u>16</u> |

#### Second Semester

|     |                       |   |           |
|-----|-----------------------|---|-----------|
| ACC | 102                   | Introduction to Managerial Accounting ..... | 3         |
| ENG | 130                   | Business Writing .....                      | 3         |
| MAT | elective <sup>1</sup> | .....                                       | 3         |
| MGT | 270                   | Principles of Management .....              | 3         |
| PSY | 245 <sup>2</sup>      | Industrial/Organizational Psychology .....  | 3         |
|     |                       |   | <u>15</u> |

### SECOND YEAR

#### First Semester

|     |                        |                                 |           |
|-----|------------------------|---------------------------------|-----------|
| ACC | 211                    | Business Law I .....            | 3         |
| ECO | 200                    | Introduction to Economics ..... | 3         |
| MAT | electives <sup>1</sup> | .....                           | 6         |
| MGT | 150 <sup>3</sup>       | Business Math .....             | 3         |
|     |                        |                                 | <u>15</u> |

#### Second Semester

|     |                       |  |           |
|-----|-----------------------|--|-----------|
| MAT | elective <sup>1</sup> | .....  | 3         |
| MAT | 230 <sup>♦</sup>      | International Supply Chain Management .....          | 3         |
| PHI | 150                   | Business Ethics .....                                | 3         |
|     |                       | Supply Chain Management electives <sup>4</sup> ..... | 6         |
|     |                       |  | <u>15</u> |

<sup>1</sup> MAT electives: MAT 120, MAT 121, MAT 122, MAT 123, MAT 124, MAT 125.

<sup>2</sup> Prerequisite waived for Supply Chain Management students.

<sup>3</sup> A competency test, available in the Assessment and Testing Center, may be utilized to meet the mathematics requirement. Students in this program who utilize the competency test to meet the mathematics requirement must select an additional 200 level MAT course.

<sup>4</sup> Supply Chain Management electives: MAT 226, MAT 227, MAT 259, MAT 274, MAT 281.

<sup>♦</sup> This course meets the World Cultures and Diversity graduation requirement.

## Inventory/Production Control Certificate

This 12 credit-hour certificate program is designed for those currently employed in or seeking employment in the fields of inventory or production control. The course work is specific to those jobs and issues that deal with all aspects of maintaining inventory for increasing production levels.

### Required:

|     |     |  |   |
|-----|-----|--|---|
| MAT | 101 | Supply Chain Management .....              | 3 |
| MAT | 120 | Production Control Concepts .....          | 3 |
| MAT | 122 | Inventory Control .....                    | 3 |
| MAT | 226 | Material Requirements Planning (MRP) ..... | 3 |

## SUPPLY CHAIN MANAGEMENT

### Supply Chain Management Certificate

*This 18 credit-hour certificate program is designed to provide in-service education for those persons working directly in, or in fields related to, supply chain management. This particular curriculum format is especially suitable for those who may be in the field and are seeking to fill in knowledge or skill "gaps" in their total preparation. Additionally, the program may provide pre-service training for those who may seek or be transferred into jobs within these fields.*

**Required:**

|     |     |                              |   |
|-----|-----|------------------------------|---|
| MAT | 101 | Supply Chain Management..... | 3 |
|-----|-----|------------------------------|---|

**Electives:** Group I (Select 12 credit hours from the following):

|     |     |   |   |
|-----|-----|---|---|
| MAT | 120 | Production Control Concepts .....         | 3 |
| MAT | 121 | Principles of Physical Distribution ..... | 3 |
| MAT | 122 | Inventory Control .....                   | 3 |
| MAT | 123 | Traffic and Transportation .....          | 3 |
| MAT | 124 | Material Handling and Packaging .....     | 3 |
| MAT | 125 | Purchasing.....                           | 3 |

**Electives:** Group II (Select one course):

|     |     |  |   |
|-----|-----|--|---|
| MAT | 226 | Material Requirements Planning (MRP) ..... | 3 |
| MAT | 227 | Just-In-Time (JIT) .....                   | 3 |
| MAT | 230 | International Supply Chain Management..... | 3 |
| MAT | 259 | Advanced Purchasing .....                  | 3 |

### Physical Distribution Certificate

*This 12 credit-hour certificate program is designed for those currently employed in or seeking employment in physical distribution positions. Topics covered will provide the graduate with knowledge of distributing, warehousing, stocking and shipping materials for various industries.*

**Required:**

|     |     |   |   |
|-----|-----|---|---|
| MAT | 101 | Supply Chain Management.....              | 3 |
| MAT | 121 | Principles of Physical Distribution ..... | 3 |
| MAT | 122 | Inventory Control .....                   | 3 |
| MAT | 227 | Just-In-Time (JIT) .....                  | 3 |

### Purchasing Certificate

*This 12 credit-hour certificate program is designed for those currently employed in or seeking employment in purchasing positions in various industries. The curriculum emphasizes developing the competencies necessary for on-the-job purchasing management expertise.*

**Required:**

|     |     |                              |   |
|-----|-----|------------------------------|---|
| MAT | 101 | Supply Chain Management..... | 3 |
| MAT | 122 | Inventory Control .....      | 3 |
| MAT | 125 | Purchasing.....              | 3 |
| MAT | 259 | Advanced Purchasing .....    | 3 |