

Business Administration/Operations Management (A2512G)

Official Program Description registered with the NC Community College System:

Operations Management is a concentration under the curriculum title of Business Administration. This curriculum is designed to educate individuals in the technical and managerial aspects of operations for manufacturing and service industries.

Emphasized are analytical reasoning, problem solving, and continuous improvement concepts required in today's dynamic business and industry environments. Concepts include quality, productivity, organizational effectiveness, financial analysis, and the management of human, physical, and information resources.

Graduates should qualify for leadership positions or enhance their professional skills in supervision, team leadership, operations planning, quality assurance, manufacturing and service management, logistics/distribution, health and safety, human resources management, and inventory/materials management.

Cooperative Education Option

The Cooperative Education Option is especially designed to provide qualified business administration students with an opportunity to combine the regular Business Administration Operations Management curriculum with practical work experience. The combination of classroom instruction with practical/related Co-op work experience provides numerous benefits to participating students.

Career opportunities are enhanced as students completing this program graduate with practical work experience in addition to the Associate of Applied Science Degree. The program also provides an opportunity for the student to explore a career before making a commitment to full-time employment. See the section on Cooperative Education program for eligibility criteria.

Program Learning Outcomes

The Associate of Applied Science Degree in Business Administration with a concentration in Operations Management is designed to educate individuals in the technical and managerial aspects of manufacturing and service industry operations. Graduates of this program should qualify for leadership positions or enhance their professional skills in supervision, team leadership operations planning, quality assurance, manufacturing and service management, logistics/distribution, health and safety, human resources management, and inventory/materials management.

Graduates of this program will:

- Apply basic business, marketing, social, and ethical principles and strategies for effectively managing and operating a business enterprise in a global and technology-based economy.
- Demonstrate an understanding of basic business law, its practices and principles, and the legal environment in which business operates.
- Demonstrate the ability to use a personal computer in the workplace and have a basic understanding of computer hardware, software applications, Internet, and operating systems.
- Apply mathematical concepts and methods to understand, analyze, and to solve mathematical problems necessary to perform job-related tasks.
- Apply general accounting principles and practices that are necessary for recording, sorting, summarizing, and reporting financial data related to business transactions and decision-making.
- Apply basic economic principles and concepts, monetary theories, supply and demand models, and international trade policies to individual and business situations.
- Communicate information effectively in today's technology-oriented business environment using written,

spoken, and/or visual methods.

- Understand the components of strategic, operational, and tactical planning for organizational effectiveness--organization decision-making, vision, goals and performance management.
- Apply statistical process control techniques, critical thinking, and quantitative and qualitative analysis to measure the effectiveness of organizational continuous improvement activities.
- Demonstrate interpersonal skills that reflect an understanding of diversity and the need for teamwork.

Degree Awarded

The Associate in Applied Science Degree - Business Administration/Operations Management is awarded by the College upon completion of this program.

For More Information

The Business Administration/Operations Management program is in the Business and Computer Technologies Division. For more information, call (919) 735-5151, ext. 342. On the Internet, send e-mail to rayb@waynecc.edu or visit us at our web site at <http://www.waynecc.edu/opsmtg>.

Admissions

- A high school diploma or equivalent is required.
- A placement test in English, mathematics, reading and computer skills are required to determine the entry-level courses that match individual needs.

First Step To Enroll:

Call the Admissions and Records Office at (919) 735-5151, ext. 238.

		Contact Hours	Semester Credit Hours
FIRST SEMESTER			
ACA 111	College Student Success.....	1	1
BUS 135	Principles of Supervision	3	3
BUS 137	Principles of Management	3	3
CIS 110	Introduction to Computers	4	3
ENG 111	Expository Writing	3	3
OMT 110	Intro to Operations Management	3	3
			16
SECOND SEMESTER			
ACC 120	Principles of Financial Accounting	5	4
ENG 114	Prof Research & Reporting.....	3	3
MAT 115	Mathematical Model.....	4	3
OMT 112	Material Management	3	3
	*Major Elective	0	1-3
			14-16
THIRD SEMESTER			
ACC 121	Prin of Managerial Accounting	5	4
ISC 121	Environmental Health & Safety	3	3
ISC 210	Production & Operational Planning	3	3
ISC 221	Statistical Quality Control.....	3	3
	Social/Behavior Science Elective	3	3
	*Major Elective	0	2
			16-18
FOURTH SEMESTER			
BUS 115	Business Law I.....	3	3
BUS 240	Business Ethics	3	3
ECO 252	Principles of Macroeconomics .	3	3
MKT 120	Principles of Marketing	3	3
OMT 260	Issues in Operations Management	3	3
	Humanities/Fine Arts Elective..	3	3
			18

Total Credit Hours 64-68

*Select 3-semester hours of Major Electives from the courses below:

- COE 111 and COE 122 or 112 must be completed in sequence in order to meet the Major Elective requirement.

COE 111	Co-op Work Experience I.....	10	1
COE 112	Co-op Work Experience II.....	20	2
COE 121	Co-op Work Experience I.....	10	1
COE 122	Co-op Work Experience II.....	20	2
COE 131	Co-op Work Experience I.....	10	1
ISC 128	Industrial Leadership	3	3
ISC 130	Introduction to Quality Control .	3	3
ISC 131	Quality Management.....	3	3
ISC 132	Manufacturing Quality.....	3	3