

**Northwest Arkansas Community College**  
**Business and Computer Information Systems Division**  
**BUTR 2103 Introduction to Supply Chain Management**

**Catalog Description:**

An introduction to supply chain management. All functional areas of supply chain management are explored to provide students an end-to-end view of supply chain management processes.

**Prerequisites:**

BUTR 1033 and ECON 2023

Prerequisite/Co-requisite:

ACCT 2023 and CISM 2103

**Target Audience/Transferability:**

This course will transfer to the Walton Scholl of Business at the University of Arkansas

**Student Learning Outcomes:**

Students completing this course will:

- Demonstrate a basic understanding of the factors that influence facility location decisions.
- Describe basic demand forecasting methods.
- Determine which methods are appropriate depending on the data.
- Explain Optimal Order Quantity.
- Describe the components/decisions that comprise typical logistic systems.
- Identify and explain the managerial and strategic applications of information systems.
- Discuss the basic concepts involving systems architecture and infrastructure.
- Explain the advantages/disadvantages of different costing methods.
- Explain the Reorder Point (ROP) model and assumptions surrounding this model.
- Describe integrated information systems and Enterprise Resource Planning (ERP) systems.
- Use basic math and reasoning skills to solve homework assignments that further understanding of the supply chain concept.
- Use and apply computer spreadsheet knowledge and skills.
- Explain the significance of current business economic regulation and its impact on the business environment.
- Explain how supply chain management impacts society.

**Topics:**

- Supply chain management and competitive strategy
- Process thinking
- Supply chain mapping
- Strategic supply chain cost management
- Information technology
- Performance measure
- Inventory management and demand forecasting
- Relationship management
- Transportation in supply chain

**Forms of Assessment:**

Assignments, exams, case studies, projects, and oral presentations

