NorthWest Arkansas Community College
Division of Business & Computer Information

BUTR 2023 PRODUCTION AND DELIVERY OF GOODS AND SERVICES (F,S)

Catalog Description:
This course is designed to provide students with a broad understanding of the production and delivery of goods/services. The course focuses on concepts and methodologies for managing the flow of material and information throughout the production and delivery of goods/services.

Prerequisite:
Grade of "C" or better in all of the following: BUTR 1023, BUTR 1033, ECON 2023, BLAW 2013.

Credit Hours/Contact Hours/Load Hours:
3/3/3

Target Audience & Transfer:
This course is designed for students majoring in some area of business administration. This course is part of the core business requirements for all students planning to enter the Walton College of Business at the University of Arkansas and may not transfer to other 4-yer institutions.

Student Learning Objectives:
Students completing this course will:

- Define the basic types of forecasting techniques.
- Explain the role of IT in the context of the firm and across the supply chain.
- Explain the advantages/disadvantages of Activity Based Costing compared to traditional costing.
- Describe the hierarchical structure of organizations and differentiate how information systems differ at the different levels.
- Apply the basic time series forecasting methods (e.g., moving averages, exponential smoothing, and seasonal methods) to given datasets.
- Differentiate between Continuous Review (Q) Systems and Periodic Review (P) Systems.
- Collect data and calculate the Economic Order Quantity.
- Evaluate the quantity discount modification to the EOQ model and apply the optimal order quantity.
- Select a facility location using the center of gravity and factor rating methods.

Topics:

- Information Systems
- Enterprise Wide Systems
- Demand Forecasting
- Inventory Management
- Logistics Networks
- Transportation Management
- Performance assessment
- Production costing using traditional costing
- Production costing using activity based costing

Forms of Assessment:
Written exams, quizzes, projects, presentations, exercises, and case studies.