

# ACCT6331 - Cost Accounting with Integrated Data Analytics

[ACCT 6331](#) Cost Accounting with Integrated Data Analytics (3 semester credit hours) This course offers a thorough examination of the essential role that cost accounting plays within organizational operations, spanning aspects like planning, decision-making, and control. By delving into a structured analysis of costs, planning strategies, control mechanisms, and performance assessment, participants acquire valuable knowledge to improve resource allocation, facilitate informed decision-making, and elevate overall organizational effectiveness. Students learn how to leverage data-driven insights to enhance their understanding of cost structures, identify cost-saving opportunities, and make informed decisions. They gain proficiency in using advanced software tools to analyze financial data, allowing them to uncover hidden trends, optimize resource allocation, and improve cost control measures. By integrating data analytics, this course equips students with the skills necessary to excel in the dynamic world of cost accounting, where data-driven decision-making is a fundamental aspect of success. (3-0) S