ACCT 5150: Advanced Accounting Systems

A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: 0
Lab Hours/Week: 0
OJT Hours/Week: *.*
Prerequisites: None
Corequisites: None
MnTC Goals: None

This course provides an in-depth coverage of advanced accounting information systems topics that will be critical for future accounting professionals. These include the use of data analytics in accounting for management support, auditing engagements, internal control tools, etc., and advanced excel skills like pivot tables and lookups. Prerequisite(s): Acceptance into the Master of Professional Accountancy (MPA) program.

B. COURSE EFFECTIVE DATES: 08/15/2020 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Data Tools
2. Data Mining
3. XBRL coding

D. LEARNING OUTCOMES (General)

1. demonstrate an understanding of the basics of data mining
2. demonstrate the use of basic data modeling
3. demonstrate knowledge of how to use of an automated data analytics tool (Tableau) at a basic level
4. utilize advanced excel skills including:
   a. Pivot tables
   b. Macros
   c. Lookups
   d. Graphics / Visualizations
5. demonstrate awareness of the costs of failure in ERP installation through a case study

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted