

FERRIS STATE UNIVERSITY  
**Master in Business Administration**  
*Foundation Competency Form*

A 2.0 grade point average is required in courses with the following competencies for consideration of waiver of MBA Foundation courses. Please fill in the semester completed, university, course number and name, credit hours and grade. *Note: The Management Department Head or designated MBA faculty may approve equivalent work experience or leveling courses.*

**Name** \_\_\_\_\_ **Date** \_\_\_\_\_

**MMBA 605 Numerical and Data Analysis**

- apply descriptive and inferential statistical techniques as tools to analyze, synthesize, and present organizational data.
- interpret data and describe and present using software graphical tools and techniques.
- create analytical spreadsheets of organizational data, that effectively use financial formulas, functions, and the embedded optimization and data analysis tools to refine, clarify, appraise, and present organizational decisions.
- analyze, design, assemble, and select the appropriate integrative tools that maximizes information storage and retrieval in support of organizational decisions.

Date Completed	College/University	Course number & name	Credit Hours	Grade

**Description of equivalent work experience or leveling course** \_\_\_\_\_

**MMBA 606 Financial & Accounting Systems & Analysis**

- understand the use of accounting and financial systems and their interrelationships within the context of business organizations.
- create and track departmental and project budgets including both tracking and reporting variances from target budgets.
- analyze, interpret and compare organizational balance sheets for benchmarking purposes.
- analyze, interpret, and compare organizational income statement for benchmarking purposes.
- analyze, interpret, and compare organizational statements of cash flows.
- analyze, interpret, compare, and track organizational financial performance through the use of ratio analysis.
- perform present value analyses, including applications in making lease/purchase decisions and buy/make decisions using a spreadsheet and embedded financial functions.
- perform capital budgeting analyses using present values and internal rate of return concepts.
- evaluate, compare, contrast, and recommend solutions from among capital budgeting alternatives.

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**MMBA 607 Computational Tools, Techs, & Integrating Systems**

- analyze and prepare a workstation solution to an organizational problem including hardware, the operating system, networks, and application software and the management of personal computer systems within business organizations.
- analyze and prepare a functional software solution that achieves functional unit objectives and goals including word processing software, spreadsheet, database, presentation software, that fits with organizational computing strategies.
- demonstrate the effective use of search engine technology to both locate sources and assess reliability of information needed to make business decisions, including the use of metasearch engines, client-based metasearch engines, and proprietary database services.
- identify and present strategies for assessing the reliability of Internet-retrieved data prior to utilizing it for making organizational decisions.
- analyze and define appropriate Internet browsing software usage within an organization and develop and recommend an appropriate policy for 'net usage.
- analyze and prepare the relational physical and logical design of database solution that focuses on a defined organizational objective.
- evaluate new opportunities for a 'net based application and define the database elements needed to support it.
- analyze, develop, and implement the query strategies for meeting organizational information needs including data extraction, integration with analysis software, communicating with clients, and performance measurement and presentation.

<b>Date Completed</b>	<b>College/University</b>	<b>Course number &amp; name</b>	<b>Credit Hours</b>	<b>Grade</b>

**Description of equivalent work experience or leveling course** \_\_\_\_\_

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