

MSIS Degree - Assessment Rubric			
Contributors: J. Lee, B. Janz, S. Velichety			
<b>Goal 1:</b>	<b>Fogelman MSIS graduates will possess knowledge and skills related to data management for organizations.</b>		
<b>Objective 1:</b>	<b>Students understand and can apply contemporary database design and modeling techniques.</b>		
Score	Description	Activities to Assess	Where to Assess?
Exemplary (3)	Student has comprehensive knowledge of various relational and non relational databases and can exactly describe the different types of design used in a variety of databases while being able identify which type of database fits a given data modeling and storage requirement	Exams, Assignments	MIS 7605
Good (2)	Student has knowledge of various relational and non-relational databases. He/She can describe and execute relational database design very well. However, they have issues with identifying appropriate non-relational databases for a given datamodeling and storage requirement.		
Fair (1)	Student has knowledge of various relational and non-relational databases. However, they have some difficulties with relational database design. They also have significant difficulties with identifying the correct type of a database given a datamodeling and storage requirement.		
<b>Objective 2:</b>	<b>Students can describe the primary duties and skills required to be a database administrator for an organization.</b>		
Score	Description	Activities to Assess	Where to Assess?
Exemplary (3)	Student can accuractely describe and execute all the primary duties of a database administrator for an organization.	Exams, Assignments	MIS 7605
Good (2)	Student has knowledge of various duties of a database administrator but has some difficulty executing some of the tasks.		
Fair (1)	Student has knowledge of various duties of a database administrator but has significant difficulties executing the required tasks.		

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<b>Goal 2:</b>	<b>Fogelman MSIS graduates will possess knowledge and skills in the area of business analytics.</b>		
<b>Objective 1:</b>	<b>Students can describe and execute the components of a business analytics project for an organization.</b>		
Score	Description	Activities to Assess	Where to Assess?
Exemplary (3)	Student can describe and execute the different components of a business analytics project , from problem definition to recommendations, and can deal with the issues in each of the different phases of an analytics project	Projects, Grades	MIS 7620
Good (2)	Students can describe and execute the different components of a business analytics, however they have minor issues in terms of dealing with some of the phases of an analytics project		
Fair (1)	Students can describe different components of a business analytics project and understand the issues in each of the phases but have difficulties dealing with some of the issues		
<b>Objective 2:</b>	<b>Students can apply appropriate statistical techniques for hypothesis testing and make inferences.</b>		
Score	Description	Activities to Assess	Where to Assess?
Exemplary (3)	Students can choose the appropriate statistical test and execute it in a tool of their choice and make inference and recommendations on the basis of the results	Final Grades	MIS 7700
Good (2)	Students can choose the appropriate statistical test and execute it however they have some difficulty in coming up with recommendations		
Fair (1)	Students can choose the appropriate statistical test however they have some difficulty in executing it in a tool		

<b>Objective 3:</b>	<b>Students will have working skills in the use of contemporary business analytics and data visualization tools.</b>		
Score	Description	Activities to Assess	Where to Assess?
Exemplary (3)	Students demonstrate ability to execute different business analytics and data visualization tools and also can learn, apply and execute new functionalities and packages in the tools	Assignments and Grades	MIS 7620
Good (2)	Students demonstrate ability to execute different business analytics but have some difficulty learning and applying new functionalities and packages in the tools		
Fair (1)	Students can execute most of the important features of business analytics tools but have some difficulty with dealing some advanced features and customizing them for a given scenario.		

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<b>Goal 3: Fogelman MSIS graduates will possess knowledge and skills in the analysis and design of information systems.</b>			
<b>Objective 1: Students can use tools and apply techniques used in designing Information Systems.</b>			
Score	Description	Activities to Assess	Where to Assess?
Exemplary (3)	Students demonstrate ability to use and apply appropriate tools and techniques as needed in designing information systems in an effective manner.	Exams, Assignments	MIS 7610
Good (2)	Students demonstrate ability to use and apply most of the tools and techniques needed in designing information systems, but have some difficulty with a few tools and/or techniques		
Fair (1)	Students demonstrate ability to use and apply basic tools and techniques needed in designing information systems, but have some difficulty learning and applying advanced tools and/or techniques		
<b>Objective 2: Students can use tools and apply techniques used in gathering requirements for Information Systems.</b>			
Score	Description	Activities to Assess	Where to Assess?
Exemplary (3)	Students demonstrate ability to use and apply appropriate tools and techniques as needed in gathering requirements for information system in an effective manner.	Exams, Assignments	MIS 7610
Good (2)	Students demonstrate ability to use and apply most of the tools and techniques needed in gathering requirements for information system, but have some difficulty with a few tools and/or techniques		
Fair (1)	Students demonstrate ability to use and apply basic tools and techniques needed in gathering requirements for information system, but have some difficulty learning and applying advanced tools and/or techniques		

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<b>Goal 4:</b>	<b>Fogelman MSIS graduates will possess knowledge and skills associated with being an Information Systems leader</b>		
<b>Objective 1:</b>	<b>Students can describe the role of IT leadership in the strategic planning of information systems management (e.g., enterprise architecture, infrastructure planning, information management, etc.)</b>		
Score	Description	Activities to Assess	Where to Assess?
Exemplary (3)	Students exhibit IT leadership by offering viable/feasible solutions to real-world IT challenges.	Case study reports and/or class projects.	MIS 7640
Good (2)	Students exhibit an awareness of real-world IT challenges, but offer solutions that may not be realistically viable and/or feasible.		
Fair (1)	Students exhibit limited awareness of real-world IT challenges, and have difficulty in developing solutions of any kind.		
<b>Objective 2:</b>	<b>Students can describe general types of information systems that can be deployed across organizations (e.g., DSS, CRM, ERP, etc.), as well as how these systems might provide benefits in organizational effectiveness and/or efficiency.</b>		
Score	Description	Activities to Assess	Where to Assess?
Exemplary (3)	Students can describe several systems at a detailed level, and also describe the benefits of each system.	Exam questions, student projects, and/or case study reports.	MIS 7650
Good (2)	Students can describe several systems at a superficial level, and describe the benefits of at least a few of the systems.		
Fair (1)	Students can describe a few systems at a superficial level, but have difficulty in discussing their benefits.		

<b>Objective 3:</b>	<b>Students can communicate effectively as technology professionals using contemporary presentation and reporting tools.</b>		
Score	Description	Activities to Assess	Where to Assess?
Exemplary (3)	Students can develop written and oral reports that are clear, concise, and easily understood by both IT and non-IT audiences.	Case study reports and presentations; class project reports and presentations.	MIS 7650
Good (2)	Students develop written and oral reports whose clarity and conciseness are at times mixed; IT and/or non-IT audiences may have trouble understanding content at times.		
Fair (1)	Students develop written and oral reports whose clarity and conciseness are marginal; both IT and non-IT audiences have trouble understanding content.		