# ITMT 330 RUBRIC

**ITMT 330 Introduction to Information Systems and the IT Profession**
Students may be scored on a scale of 1 to 5; scores of 2 and 4 may be interpolated.

| Program Educational Objectives | | | |
|---|---|---|---|
| **Objective**     **Score ▶** | **5** | **3** | **1** |
| *Apply current technical and mathematical concepts and practices in the core information technologies and recognize the need to engage in continuing professional development.* | The student is consistently able to apply current technical and mathematical concepts and practices in the core information technologies and to recognize the need to engage in continuing professional development | The student is generally able to apply current technical and mathematical concepts and practices in the core information technologies and to recognize the need to engage in continuing professional development, but this may not be consistent | The student is unable to apply current technical and mathematical concepts and practices in the core information technologies, and/or to recognize the need to engage in continuing professional development |

**Course student outcomes**
Upon completion of this course the student should be able to do the following:

| Outcome     Score ▶ | **5** | **3** | **1** |
|---|---|---|---|
| *Recall and describe concepts of systems theory and system modeling* | The student is able to recall and describe concepts of systems theory and system modeling accurately and in detail | The student is able to explain the role of information technology as the facilitating function in a modern business enterprise with some omissions or inaccuracies | The student is unable to recall or describe concepts of systems theory and system modelin |
| *Outline & describe the components of an information system* | The student is able to outline & describe the components of an information system accurately and in detail | The student is able to outline & describe the components of an information system with some omissions or inaccuracies | The student is unable to outline or describe the components of an information system |
| *Explain the role of information technology as the facilitating function in a modern business enterprise* | The student is able to explain the role of information technology as the facilitating function in a modern business enterprise accurately and in detail | The student is able to explain the role of information technology as the facilitating function in a modern business enterprise with some omissions or inaccuracies | The student is unable to explain the role of information technology as the facilitating function in a modern business enterprise |
| *Describe considerations for deployment of technology in a business setting* | The student is able to describe considerations for deployment of technology in a business setting accurately and in detail | The student is able to describe considerations for deployment of technology in a business setting with some omissions or inaccuracies | The student is unable to describe considerations for deployment of technology in a business setting |
| *Explain the standards of professional communication used within the information technology profession* | The student is able to explain the standards of professional communication used within the information technology profession accurately and in detail | The student is able to explain the standards of professional communication used within the information technology profession with some omissions or inaccuracies | The student is unable to explain the standards of professional communication used within the information technology profession |
| *Communicate (understand, and respond) in a manner appropriate to the profession* | The student is consistently able to communicate in a manner appropriate to the profession | The student is normally able to communicate in a manner appropriate to the profession | The student is unable to communicate in a manner appropriate to the profession |
| *Analyze a business problem and identify and define computing requirements appropriate to its solution* | The student is consistently able to analyze a business problem and identify and define computing requirements appropriate to its solution | The student is often able to analyze a business problem and identify and define computing requirements appropriate to its solution | The student is unable to analyze a business problem and identify and define computing requirements appropriate to its solution |
| *Design a computer-based information system to meet desired business needs* | The student has clearly demonstrated their ability to design a computer-based information system to meet desired business needs | The student has demonstrated to some extent their ability to design a computer-based information system to meet desired business needs | The student is unable to design a computer-based information system to meet desired business needs |
| *Describe concepts of system integration and its application to information system design* | The student is able to describe concepts of system integration and its application to information system design accurately and in detail | The student is able to describe concepts of system integration and its application to information system design with some omissions or inaccuracies | The student is unable to describe concepts of system integration or its application to information system design |
| *Explain the importance of ethics to the information technology profession* | The student is able to explain the importance of ethics to the information technology profession accurately and in detail | The student is able to explain the importance of ethics to the information technology profession with some omissions or inaccuracies | The student is unable to explain the importance of ethics to the information technology profession |
| *Be able to recognize ethical issues and propose appropriate responses to ethical problems* | The student is consistently able to recognize ethical issues and propose appropriate responses to ethical problems | The student is frequently able to recognize ethical issues and propose appropriate responses to ethical problems | The student is unable to recognize ethical issues and propose appropriate responses to ethical problems |
| *Describe the norms of professional behavior as an information technology professional* | The student is able to describe the norms of professional behavior as an information technology professional accurately and in detail | The student is able to describe the norms of professional behavior as an information technology professional with some omissions or inaccuracies | The student is unable to describe the norms of professional behavior as an information technology professional |
| *Discuss how professional conduct reflects on and supports the information technology profession* | The student is able to discuss how professional conduct reflects on and supports the information technology profession accurately and in detail | The student is able to discuss how professional conduct reflects on and supports the information technology profession with some omissions or inaccuracies | The student is unable to discuss how professional conduct reflects on and supports the information technology profession |
| *Recognize the need for and engage in continuing professional development* | The student is consistently able to recognize the need for and engage in continuing professional development | The student is frequently able to recognize the need for and engage in continuing professional development | The student is unable to recognize the need for and engage in continuing professional development |

| Outcome                Score ▶ | 5 | 3 | 1 |
|---|---|---|---|
| *Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles* | The student is always able to recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles | The student is occasionally able to recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles, but not consistently | The student shows no ability to recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles |
| *Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline* | The student is always able to function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline | The student is often able to function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline | The student is unable to function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline |