

Management Information Systems (MIS)
Academic Assessment Plan for 2005-2006 and
2004-2005 Assessment Report

1. State the educational purpose of the assessment program:

In addition to basic computer skills and knowledge required of all Schreiner University graduates, students majoring in MIS should gain breadth and depth in the technical orientation to the information system field of study. Students will not only be technically knowledgeable, but they will also develop the skills needed to work individually and to work in a team environment. The MIS curriculum will emphasis skills and knowledge that will enable students to be successful in the Information Systems work force as well as in post graduate studies.

2. Educational goals, assessment for each goal, performance standards, and findings:

Based on our assessment results and our 5-year program review, curriculum changes were implemented beginning in 2005-2006.

Upon graduating with a major in Management Information Systems a student will be able to:

Goal 1: Effectively communicate orally and in written form. The student will make oral presentations and create written documents relating to areas of technology. The oral presentation and written document must be logical, organized, and informative. All students must meet the above criteria. Satisfactory performance (C or better) in Fundamentals of Information Systems, Information Systems Theory and Practice, Systems Analysis and Design, and Senior Project/Internship. (Note: Since the MIS major was implemented fall 2001, there are no statistics for Fundamentals of Information Systems, Information Systems Theory and Practice, Systems Analysis and Design, and Senior Project/Internship prior to fall 2001. Also the Senior Project/Internship was not offered 2001-2002).

2001-2002	IS 2320 Fundamentals of Information Systems - 90% IS 3330 Information Systems Theory and Practice – 89% IS 3331 Systems Analysis and Design – 86%
2002-2003	IS 2320 Fundamentals of Information Systems – 94% IS 3330 Information Systems Theory and Practice – 80% IS 3331 Systems Analysis and Design – 100% IS 4399/4398 Senior Project/Internship – 100%
2003-2004	IS 2320 Fundamentals of Information Systems – 88% IS 3330 Information Systems Theory and Practice – 100% IS 3331 Systems Analysis and Design – 100% IS 4399/4398 Senior Project/Internship – 100%
2004-2005	IS 2320 Fundamentals of Information Systems – 96% IS 3330 Information Systems Theory and Practice – 77% IS 3331 Systems Analysis and Design – 60% IS 4399/4398 Senior Project/Internship – 75%

2005-2006 IS 2320 Fundamentals of Information Systems
 IS 3310 Electronic Business
 IS 3330 Information Systems Theory and Practice
 IS 3331 Systems Analysis and Design
 IS 4360 Project Management
 IS 4398 Internship

Curriculum: Emphasis will be placed on proper use of computer related terminology, presentation of technological information, and real world work experience or study of real work situation.

Faculty Development: Faculty are encouraged to keep up with current happenings and best practices in the field of Information Systems.

Out-of-class Experience: Students are encouraged to observe good presentation skills in other classes.

Goal 2: Demonstrate an understanding of components of computers and networks. The student will be able to recognize and describe various components of a computer and network architecture. All students must meet the above criteria. Satisfactory performance (C or better) in Computer Concepts and Applications, Fundamentals of Information Systems, and Systems Analysis and Design. (Note: Since the MIS major was implemented fall 2001, there are no statistics for Fundamentals of Information Systems, and Systems Analysis and Design prior to fall 2001.)

1997-1998 IS 2301 Computer Concepts and Applications - 84%
 1998-1999 IS 2301 Computer Concepts and Applications - 93%
 1999-2000 IS 2301 Computer Concepts and Applications - 89%
 2000-2001 IS 2301 Computer Concepts and Applications – 82%
 2001-2002 IS 2301 Computer Concepts and Applications – 78%
 IS 2320 Fundamentals of Information Systems - 90%
 IS 3331 Systems Analysis and Design – 86%
 2002-2003 IS 2301 Computer Concepts and Applications – 74%
 IS 2320 Fundamentals of Information Systems - 94%
 IS 3331 Systems Analysis and Design – 100%
 2003-2004 IS 2301 Computer Concepts and Applications – 74%

	IS 2320 Fundamentals of Information Systems – 88%
	IS 3331 Systems Analysis and Design – 100%
2004-2005	IS 2301 Computer Concepts and Applications – 76%
	IS 2320 Fundamentals of Information Systems – 96%
	IS 3331 Systems Analysis and Design – 60%
2005-2006	IS 2301 Computer Concepts and Applications
	IS 2320 Fundamentals of Information Systems
	IS 2360 Hardware and Software
	IS 3331 Systems Analysis and Design
	IS4350 Emerging Technologies

Curriculum: Emphasis will be placed on proper use of computer related terminology, and recognition of hardware components.

Faculty Development: Faculty are encouraged to use “show and tell” with computer hardware.

Out-of-class Experience: Students are encouraged to observe computer advertisements and apply knowledge to critically evaluate advertisements.

Goal 3: Effectively use computer software to solve problems. The student will use general application software and/or develop effective program code to solve problems. All students must meet the above criteria. Satisfactory performance (C or better) in Computer Concepts and Applications, Computer Programming, Productivity Software, and Object-Oriented Programming. (Note: Since the MIS major was implemented fall 2001, there are no statistics for Computer Programming, Productivity Software, and Systems Analysis and Design prior to fall 2001.)

1997-1998	IS 2301 Computer Concepts and Applications - 84%
1998-1999	IS 2301 Computer Concepts and Applications - 93%
1999-2000	IS 2301 Computer Concepts and Applications - 89%
2000-2001	IS 2301 Computer Concepts and Applications – 82%
2001-2002	IS 2301 Computer Concepts and Applications – 78%
	IS 2310 Computer Programming – 100%
	IS 2330 Productivity Software – 90%
	IS 3332 Object-Oriented Programming – 100%
2002-2003	IS 2301 Computer Concepts and Applications – 74%

	IS 2320 Computer Programming – 87%
	IS 2330 Productivity Software – 78%
	IS 3332 Object-Oriented Programming – 100%
2003-2004	IS 2301 Computer Concepts and Applications – 74%
	IS 2310 Computer Programming – 87%
	IS 2330 Productivity Software – 76%
	IS 3332 Object-Oriented Programming – 64%
2004-2005	IS 2301 Computer Concepts and Applications – 76%
	IS 2310 Computer Programming – 91%
	IS 2330 Productivity Software – 78%
	IS 3332 Object-Oriented Programming – 50%
2005-2006	IS 2301 Computer Concepts and Applications
	IS 2310 Computer Programming
	IS 2330 Productivity Software
	IS 3332 Object-Oriented Programming
	IS 4333 Database Management

Curriculum: Emphasis will be placed on proper use of software applications and writing effective program code.

Faculty Development: Faculty are encouraged to keep-up with current application software and programming languages.

Out-of-class Experience: Students are encouraged to use application software and programming languages where appropriate in other classes.

Goal 4: Effectively work with others in a team environment. The student will demonstrate satisfactory performance when working in classroom peer teams and in a work environment. All students must meet the above criteria. Satisfactory performance (C or better) in Fundamentals of Information Systems, Information Systems Theory and Practice, System Analysis and Design, and Senior Project/Internship. (Note: Since the MIS major was implemented fall 2001, there are no statistics for Fundamentals of Information Systems, Information Systems Theory and Practice, Systems Analysis and Design, and Senior Project/Internship prior to fall 2001. Also the Senior Project/Internship was not offered 2001-2002.)

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2005-2006	IS 2320 Fundamentals of Information Systems
	IS 3310 Electronic Business
	IS 3330 Information Systems Theory and Practice
	IS 3331 Systems Analysis and Design
	IS 4360 Project Management
	IS 4398 Internship

Curriculum: Emphasis will be placed on proper techniques and methods for working with peer groups and in a work environment.

Faculty Development: Faculty are encouraged to help students understand the importance of team work and to share with students examples of effective team work.

Out-of-class Experience: Students are encouraged to practice team work skills in other classes.

Goal 5: Demonstrate management skills in solving technological problems. Students will solve problems in a timely manner using appropriate management skills. Satisfactory performance (C or better) in Information Systems Theory and Practice, Systems Analysis and Design, and Senior Project/Internship. (Note: Since the MIS major was implemented fall 2001, there are no statistics for Information Systems Theory

and Practice, Systems Analysis and Design, and Senior Project/Internship prior to fall 2001. Also the Senior Project/Internship was not offered 2001-2002.)

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	IS 3331 Systems Analysis and Design
	IS 4333 Database Management
	IS 4360 Project Management
	IS 4398 Internship

Curriculum: Emphasis will be placed on proper use of management skills in solving problems in a timely manner.

Faculty Development: Faculty are encouraged to keep-up with current trends in management of Information Systems.

Out-of-class Experience: Students are encouraged to use management skills in other classes.

Goal 6: Select and utilize appropriate system development methodologies to solve problems. Students will be given assignments in which system development methodologies will be utilized. All students must meet the above criteria. Satisfactory performance (C or better) in Information Systems Theory and Practice and Systems Analysis and Design. (Note: Since the MIS major was implemented fall 2001, there are

no statistics for Information Systems Theory and Practice and Systems Analysis and Design prior to fall 2001).

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2005-2006	IS 2320 Information Systems Theory and Practice
	IS 3331 Systems Analysis and Design
	IS 4333 Database Management
	IS 4350 Emerging Technologies
	IS 4360 Project Management

Curriculum: Emphasis will be placed on proper use of system development methodologies.

Faculty Development: Faculty are encouraged to keep up with current trends in systems development.

Out-of-class Experience: Students are encouraged to use systems development methodologies in other classes.

Goal 7: Demonstrate and apply techniques of professionalism. The student will demonstrate professionalism as an individual and as a member of a team. All students must meet the above criteria. Satisfactory performance (C or better) in Fundamentals of Information Systems, Information Systems Theory and Practice, Systems Analysis and Design, and Senior Project/Internship. (Note: Since the MIS major was implemented fall 2001, there are no statistics for Information Systems Theory and Practice, Systems Analysis and Design, and Senior Project/Internship prior to fall 2001. Also the Senior Project/Internship was not offered 2001-2002.)

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	IS 4360 Project Management
	IS 4398 Internship

Curriculum: Emphasis will be placed on professional conduct in the classroom and work place.

Faculty Development: Faculty are encouraged to exhibit examples of professional and non-professional conduct in the classroom.

Out-of-class Experience: Students are encouraged to read professional publications involving professional conduct. Students are encouraged to join information technology (IT) professional organizations (e.g., Association of Information Technology Professionals (AITP)).

Goal 8: Demonstrate the ability to identify technological requirements of a business. Given a business scenario, students will identify the technological requirements. All students must meet the above criteria. Satisfactory performance (C or better) in Information Systems Theory and Practice, Systems Analysis and Design, and Senior Project/Internship. (Note: Since the MIS major was implemented fall 2001, there are no statistics for Information Systems Theory and Practice, Systems Analysis and Design, and Senior Project/Internship prior to fall 2001. Also the Senior Project/Internship was not offered 2001-2002.)

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IS 3331 Systems Analysis and Design – 60%
IS 4399/4398 Senior Project/Internship – 75%
- 2005-2006 IS 2320 Information Systems Theory and Practice
IS 2360 Hardware and System Software
IS 3310 Electronic Business
IS 3331 Systems Analysis and Design
IS 4360 Project Management
IS 4398 Internship

Curriculum: Emphasis will be placed on proper use of technology in solving business problems.

Faculty Development: Faculty are encouraged to keep-up with current happenings and best practices in the field of Information Systems.

Out-of-class Experience: Students are encouraged to read technological publications involving technological solutions to business problems.