

South Texas College
2005-2006 Student Learning Outcomes

PROGRAM NAME: Bachelor of Applied Technology in Technology Management

| Guiding Principle | Student Learning Outcome | Assessment Tool | Passing Standard | Actual Results (Total # and % of students passing standard) | Changes |
|---|--|---|---|---|--|
| 1 Be a premier learning-centered higher education institution where student and community success are paramount. | | | | | |
| STUDENT LEARNING OUTCOMES FOR BACHELOR OF APPLIED TECHNOLOGY IN TECHNOLOGY MANAGEMENT | | | | | |
| | 1 Supervise and manage the financial operations of a business | 1. Case work project (TMGT 3338 Accounting for Technical Managers) 2. Instructor Assessment of Student Skills Development | Case work project: Grade B or better Instructor Assessment of Student Skills Development: Satisfactory or better | Course is currently in progress Outcomes will be assessed at a later time. | |
| | 2 Utilize management and motivational theories to enhance the performance of employees and work-teams | 1. Case work project (TMGT 3305 Organizational Theory and Practice) 2. Instructor Assessment of Student Skills Development | Case work project: Grade B or better Instructor Assessment of Student Skills Development: Satisfactory or better | Case work Project: 21 of 23 91% B or better Instructor Assessment of Student Skills Development: Comprehension: 20 of 23 87% satisfactory or better Communication: 23 of 23 100% satisfactory or better Team-work: 21 of 23 91% satisfactory or better Technology: 23 of 23 100% satisfactory or better Professionalism: 20 of 23 87% satisfactory or better | Program Curriculum Committee recommended BUSI 1301 (Business Principles) as prerequisite Program Curriculum Committee recommended Instructional textbook change |
| | 3 Use project and quality management strategies to successfully manage and secure organizational resources | 1. Case work project (TMGT 3312 Resource Management) 2. Instructor Assessment of Student Skills Development | Case work project: Grade B or better Instructor Assessment of Student Skills Development: Satisfactory or better | Course is currently in progress Outcomes will be assessed at a later time. | |
| | 4 Apply oral and written communication skills and leverage technology to enhance communications | 1. CAAP (Pre-writing) 2. Case work project (TMGT 3303 Communications for Technical Managers) 3. Instructor Assessment of Student Skills Development | 1. CAAP: To benchmark students with national scores in Composite writing and Critical thinking 2. Case work project: Grade B or better 3. Instructor Assessment of Student Skills Development: Satisfactory or better | 1. CAAP: Composite Writing: 92% above national mean Critical Thinking: 42% above national mean 2. Casework Project: 11 of 12 92% B or better 3. Instructor Assessment of Student Skills Development: Comprehension: 12 of 12 100% satisfactory or better Communication: 11 of 12 92% satisfactory or better Teamwork: 12 of 12 100% satisfactory or better Technology: 11 of 12 92% satisfactory or better Professionalism: 12 of 12 100% satisfactory or better | CAAP: Work in advance with students about the meaning and expectations of the test Program Curriculum Committee recommended ENGL 1302 (Rhetoric) as prerequisite for this course |
| | 5 Manage the organization or the business unit within legal and ethical boundaries | 1. Case work project (TMGT 3336 Legal Issues for Technical Managers) 2. Instructor Assessment of Student Skills Development | Case work project: Grade B or better Instructor Assessment of Student Skills Development: Satisfactory or better | Case-work Project: 19 of 20 95 % B or better Instructor Assessment of Student Skills Development: Comprehension: 18 of 20 90% satisfactory or better Communication: 17 of 20 85% satisfactory or better Team-work: 19 of 20 95% satisfactory or better Technology: 20 of 20 100% satisfactory or better Professionalism: 18 of 20 90% satisfactory or better | Program Curriculum Committee recommended BUSI 2301 (Business Law) as prerequisite |

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| 6 | Employ creative and critical thinking processes to resolve problems of the business unit | 1. Case work project (TMGT 3310 Decision Making) 2. Instructor Assessment of Student Skills Development | Case work project: Grade B or better Instructor Assessment of Student Skills Development: Satisfactory or better | Case-work Project: 18 of 33 79% B or better Instructor Assessment of Student Skills Development: Comprehension: 30 of 33 91% satisfactory or better Communication: 31 of 33 94% satisfactory or better Team-work: 31 of 33 94% satisfactory or better Technology: 32 of 33 97% satisfactory or better Professionalism: 30 of 33 91% satisfactory or better | Program Curriculum Committee recommended TMGT 3202 (Business and Economics Statistics) as prerequisite Program Curriculum Committee recommended additional Instructional Supplement |
| 7 | Use appropriate electronic commerce strategies to enhance profitability of the organization | 1. Case work project (TMGT 3411 Technology in Enterprise Management) 2. Instructor Assessment of Student Skills Development | Case work project: Grade B or better Instructor Assessment of Student Skills Development: Satisfactory or better | Course is currently in progress Outcomes will be assessed at a later time. | |
| 8 | Exhibit analytical thought, informed judgment, ethical behavior, and an appreciation for diversity | 1. Case work project (TMGT 4320 Organizational Management and Design Seminar) 2. Instructor Assessment of Student Skills Development | Case work project: Grade B or better Instructor Assessment of Student Skills Development: Satisfactory or better | Course is currently in progress Outcomes will be assessed at a later time. | |
| 9 | Utilize appropriate information technology systems to enhance organizational performance | 1. CAAP (Pre-Math) 2. Casework Project (TMGT 3302 Business and Economic Statistics) 3. Instructor Assessment of Student Skills Development | 1. CAAP: To benchmark students with national scores in Mathematics 2. Case work project: Grade B or better 3. Instructor Assessment of Student Skills Development: Satisfactory or better | CAAP: Mathematics: 3 of 12 25% above national mean Case work Project: 11 of 12 92 % B or better Instructor Assessment of Student Skills Development: Comprehension: 12 of 12 100% satisfactory or better Communication: 12 of 12 100% satisfactory or better Teamwork: 12 of 12 100% satisfactory or better Technology: 12 of 12 100% satisfactory or better Professionalism: 11 of 12 92% satisfactory or better | 1. CAAP: Work in advance with students about the meaning and expectations of the text 2. Case work Project: Develop a standard project model that addressed the program outcome Program Curriculum Committee recommended MATH 1414 (College Algebra) as prerequisite for this course |
| 10 | Understand the challenges involved in conducting international business and its impact on the future growth of the organization | 1. Case work project (TMGT 3337 Economics for Technical Managers) 2. Instructor Assessment of Student Skills Development | Case work project: Grade B or better Instructor Assessment of Student Skills Development: Satisfactory or better | Case-work Project: 13 of 13 100 % B or better Instructor Assessment of Student Skills Development: Comprehension: 13 of 13 100% satisfactory or better Communication: 13 of 13 100% satisfactory or better Team-work: 13 of 13 100% satisfactory or better Technology: 13 of 13 100% satisfactory or better Professionalism: 13 of 13 100% satisfactory or better | Program Curriculum Committee recommended ECON 2301 (Principles of Economics I-Macro) and ECON 2302 (Principles of Economics II-Micro) |

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| | 11 Obtain hands-on training and apply concepts and theories in a workplace setting | 1. Evaluation by Site Supervisor (TMGT 4347 Capstone: Production and Inventory Planning and Control or TMGT 4396 Capstone: Managing Technology Projects) 2. Capstone project (TMGT 4347 or 4396) 3. Portfolio Analysis (TMGT 4347 or 4396) 4. CAAP (Post) | 1. Good or higher approval rating by Site Supervisor 2. Grade B or better 3. Sufficient or above 4. CAAP: 100% of students above national mean score in: Composite writing, Critical thinking, and Mathematics | Course will be offered Spring 2007. Outcomes will be assessed at a later time. | |