

University of Rochester Graduate Degree Program Assessment Plan

A. Program title: Technical Entrepreneurship and Management (TEAM)

B. Program degree: Master of Science

C. Program objectives and program learning outcomes:

Program objective 1. Program will prepare students to be equipped with detailed technical knowledge as well as business principles.

Core knowledge: Students demonstrate comprehensive, in depth knowledge of the theories, methods, and scholarship in the field.

Written Communication: Students convey ideas or arguments in clear, concise, well organized assignments and papers.

Oral Communication: Students convey ideas in cogent, persuasive, and organized presentations.

Program objective 2. Program will prepare students to be successful professionals and hold positions of leadership in their field.

Teamwork: Students demonstrate ability to work with others on projects, including sharing work involved in development of initial ideas and project plan, discussion of progress, and completion of work.

Leadership: Students demonstrate leadership through positions held in scholarly and other professional activities.

Professional Development: Students broaden their professional foundations through activities such as teaching, internships, fellowships, and grant applications.

Program objective 3. Program will prepare students to be effective entrepreneurs.

Innovation/Entrepreneurship: Students demonstrate abilities in innovation and entrepreneurship through development of new inventions, patents, publications, productions, performances, commercialization assessment, and business plan creation.

Critical Thinking: Students assess an issue/problem and are able to consider it critically, state it clearly, and describe it comprehensively delivering all relevant information necessary for full understanding.

Effective Researchers: Students identify questions/problems that are pertinent to a field of study and provide a focus for making significant contribution to the field.

D. Program assessment methods- direct methods

1. Final grade in core theory and method course TEM 401 will be gathered into a report every year.
2. Final grade in core theory and method course TEM 402 will be gathered into a report every year.
3. Final grade in core theory and method course TEM 411 will be gathered into a report every year.
4. Final grade in core theory and method course TEM 441 will be gathered into a report every year.
5. Final grade on final business plan in core theory and method course TEM 411 will be gathered into a report every year.
6. Student's business plan oral presentation will be reviewed by faculty using a score rubric every year.
7. Data gathered on leadership positions, internships, awards, and other distinctions held by students enrolled will be reported during exit interviews and graduate surveys each year.
8. Number of students who start an entrepreneurial venture will be collected and reported each year.

E. Program assessment methods- indirect methods

1. Exit interviews will be conducted with each graduating student annually. The interview will include questions on systems, processes, course work, learning experience, satisfaction, and career placement.
2. A graduating student survey will be distributed electronically annually. The survey will include questions on student learning, course evaluation, and program evaluation.
3. Career data, such as placement 0, 3, and 6 months after graduation and position title will be collected annually from alumni.

F. Program assessment data review

1. Final grades will be gathered in theory and method courses TEM 401, TEM 402, TEM 411, and TEM 441 every year by program staff and reported to the Vice Provost for Entrepreneurship for review.
2. Data gathered on number of students who start an entrepreneurial venture, who hold leadership positions, who completed an internship, who received awards, and other distinctions will be reported each year by program staff and reviewed by the Vice Provost for Entrepreneurship and the deans of both the Hajim and Simon School.
3. Data gathered from both the one on one exit interviews and online graduate survey will be collected by program staff and reported to the Vice Provost for Entrepreneurship for review.

G. Alignment of program learning outcomes and program assessment methods

Instructions: Please use information from sections C – F above to complete the following table. The table should show the alignment of program learning outcomes and assessment methods. For each method, note the standard for adequate student performance set by the program. *See Appendix 1. UR Graduate Degree Program Assessment Plan Sample for guidance in completing the table.*

Table 1. Alignment of program learning outcomes with program assessment methods

Program learning outcome category	Program learning outcome	Assessment method and Standard for adequate student performance
Core knowledge	Program will prepare students to be equipped with detailed technical knowledge as well as business savvy.	<p>Core theory and method course final grade in courses numbers: TEM 401, 402, 411, 441 Standard: all students will receive a grade of B or higher on final grade.</p> <p>Core theory and method business plan final grade in course number TEM 411 Standard: all students will receive a grade of B or higher on their final business plan.</p> <p>Core theory and method business plan oral presentation final grade. Standard: all student will receive a grade of B or higher on their oral presentation.</p>
Written	Program will prepare	Core theory and method course final grade in courses numbers: TEM 401, 402, 411, 441

Communication	students to be equipped with detailed technical knowledge as well as business savvy.	Standard: all students will receive a grade of B or higher on final grade. Core theory and method business plan final grade in course number TEM 411 Standard: all students will receive a grade of B or higher on their final business plan.
Oral Communication	Program will prepare students to be equipped with detailed technical knowledge as well as business savvy.	Core theory and method course final grade in courses numbers: TEM 401, 402, 411, 441 Standard: all students will receive a grade of B or higher on final grade. Core theory and method business plan oral presentation final grade. Standard: all student will receive a grade of B or higher on their oral presentation.
Team Work	Program will prepare students to be successful professionals and hold positions of leadership in their field.	Core theory and method course final grade in courses numbers: TEM 411 and 441 Standard: all students will receive a grade of B or higher on final grade. Core theory and method business plan final grade in course number TEM 411 Standard: all students will receive a grade of B or higher on their final business plan. Data gathered on number of students who start an entrepreneurial venture, who hold leadership positions, who completed an internship, who received awards, and other distinctions Standard: 60% of students will receive a program distinction.
Leadership	Program will prepare students to be successful professionals and hold positions of leadership in their field.	Data gathered on number of students who start an entrepreneurial venture, who hold leadership positions, who completed an internship, who received awards, and other distinctions Standard: 60% of students will receive a program distinction. One on one exit interviews Standard: 80% of survey respondents will be satisfied with their learning for this outcome. Graduating student survey Standard: 80% of survey respondents will be satisfied with their learning for this outcome.
Professional Development	Program will prepare students to be successful professionals and hold positions of leadership in	Data gathered on number of students who start an entrepreneurial venture, who hold leadership positions, who completed an internship, who received awards, and other distinctions Standard: 60% of students will receive a program distinction.

	their field.	<p>One on one exit interviews Standard: 80% of survey respondents will be satisfied with their learning for this outcome.</p> <p>Graduating student survey Standard: 80% of survey respondents will be satisfied with their learning for this outcome.</p> <p>Career placement 0, 3, and 6 months after graduation Standard: 50% of alumni will be placed upon graduation, 75% of alumni will be placed 3 months after graduation, and 90% of alumni will be placed 6 months after graduation.</p>
Innovation/Entrepreneurship	Program will prepare students to be effective entrepreneurs.	<p>Core theory and method business plan final grade in course number TEM 411 Standard: all students will receive a grade of B or higher on their final business plan.</p> <p>Data gathered on number of students who start an entrepreneurial venture, who hold leadership positions, who completed an internship, who received awards, and other distinctions Standard: 60% of students will receive a program distinction.</p> <p>Career placement 0, 3, and 6 months after graduation Standard: 50% of alumni will be placed upon graduation, 75% of alumni will be placed 3 months after graduation, and 90% of alumni will be placed 6 months after graduation.</p>
Critical Thinking	Program will prepare students to be effective entrepreneurs.	<p>Core theory and method business plan final grade in course number TEM 411 Standard: all students will receive a grade of B or higher on their final business plan.</p> <p>Core theory and method business plan oral presentation final grade. Standard: all student will receive a grade of B or higher on their oral presentation.</p> <p>Data gathered on number of students who start an entrepreneurial venture, who hold leadership positions, who completed an internship, who received awards, and other distinctions Standard: 60% of students will receive a program distinction.</p>
Effective Researchers	Program will prepare students to be effective entrepreneurs.	<p>Core theory and method course final grade in courses numbers: TEM 401, 402, 411, 441 Standard: all students will receive a grade of B or higher on final grade.</p>

		<p>Core theory and method business plan final grade in course number TEM 411 Standard: all students will receive a grade of B or higher on their final business plan.</p> <p>Core theory and method business plan oral presentation final grade. Standard: all student will receive a grade of B or higher on their oral presentation.</p> <p>Data gathered on number of students who start an entrepreneurial venture, who hold leadership positions, who completed an internship, who received awards, and other distinctions Standard: 60% of students will receive a program distinction.</p>
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