THE MICHIGAN TECH PLAN

MISSION

We prepare students to create the future.

VISION

Michigan Tech will grow as a premier research university of international stature, delivering education, new knowledge, and innovation for the needs of our technological world.

GOALS

Michigan Tech's focus is improving lives and preserving our world through sound, innovative uses of science, engineering, and technology. Our society strives for economic prosperity, improved health, and responsible use of environmental resources. Moving forward, Michigan Tech will be a leader in responding to these needs and challenges in Michigan, the nation, and the world. We will attract exceptional faculty and students who will develop, understand, apply, manage and communicate science and technology – all with the goal of a prosperous, sustainable world.

Progress toward these ambitious objectives will be measured by the national and international impact of our research and scholarly activities, and by the accomplishments and reputation of our faculty and graduates. Increasingly, Michigan Tech will be sought out and recognized for its ability to educate, to innovate, and foster economic growth.

GOAL 1: Attract and support a world-class and diverse faculty, staff, and student population.

1.1 Provide an outstanding work environment and support opportunities for all members of the Michigan Tech community.
- provide competitive compensation;
- expand professional development opportunities for all;
- promote and tenure faculty with national and international reputations;
- support and reward successful faculty and staff;
- attract and retain bright, motivated and adventurous students;
- provide vibrant cultural enrichment programs.

1.2 Increase the diversity of our faculty, staff and students.
- achieve diversity consistent with national norms;
- implement unit diversity plans, rewarding those achieving diversity goals.

1.3 Provide exceptional facilities and an aesthetically pleasing environment.
- construct and renovate technologically and ecologically superior facilities;
- optimize the use of resources, laboratories, and equipment.

GOAL 2: Deliver a distinctive and rigorous discovery-based learning experience grounded in science, engineering, technology, sustainability, and the business of innovation.

2.1 Provide dynamic experiential learning that integrates instruction, research and innovation in undergraduate and graduate programs.
- expand funded research opportunities for students;
- incorporate and expand discovery-based programs in all curricula;
- provide international opportunities in all curricula;
- expand the use of technology in campus and distance education.

2.2 Develop undergraduate and graduate programs in new and emerging areas.
- expand combined bachelor-master degree and dual-degree graduate programs;
- create new interdisciplinary programs in strategically-targeted areas.

2.3 Provide exemplary student life activities.
- initiate innovative student-centered activities, programs and services;
- promote and encourage student engagement and civic responsibility;
- produce graduates with strong leadership capabilities.

GOAL 3: Establish world-class research, scholarship and innovation in science, engineering, and technology that promotes sustainable economic development in Michigan and the nation.

3.1 Increase interdisciplinary initiatives to expand knowledge and address societal needs.
- integrate sustainability into all our endeavors;
- expand interdisciplinary centers and institutes in strategically-targeted areas;
- develop and support superior graduate programs.

3.2 Promote economic development and innovation in Michigan and the nation.
- expand entrepreneurship in graduate and undergraduate programs;
- increase partnerships with government, industry and universities;
- support technological education and entrepreneurship at the K-12 and community college levels;
- aggressively encourage and support start-up businesses emerging from faculty and student expertise and scholarly activity.

3.3 Address societal needs through global partnerships.
- expand international engagement through collaboration with universities, industry and government;
- develop cross-cultural exchanges to increase understanding and discovery of new knowledge and processes.