

Michigan Technological University

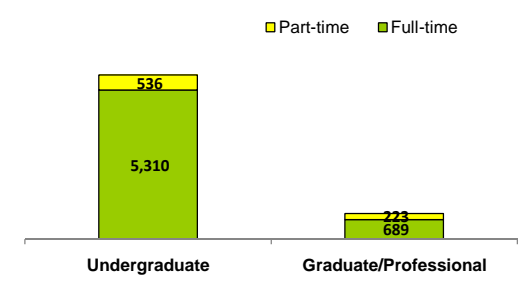
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<http://www.mtu.edu/>

Michigan Tech was founded in 1885 in response to the first mining boom in the US — the clamor for Michigan's copper, which preceded the California Gold Rush by several years. At its outset, the college trained mining and metallurgical engineers. Today, the University offers certificates, associate, bachelors, masters, and doctoral degrees in arts, humanities, and social sciences; business and economics; computing; engineering, forestry and environmental science, sciences; and technology. Michigan Tech undergraduates benefit from an education that emphasizes study across disciplines, team learning, and research. Our graduate students receive intensive, advanced instruction and the opportunity to pursue research in a wide range of academic programs. Overall, our institution has gained worldwide attention for innovative education; our faculty members strive to be mentors; our academic programs stress learning hand in hand with application; and our students learn to inquire and discover knowledge.

Student Characteristics (Fall 2007) [More](#)

TOTAL NUMBER OF STUDENTS 6,758
Student Level and Enrollment Status



Undergraduate Success and Progress Rate

Data used to build graph and table are not yet available

UNDERGRADUATE PROFILE

Total 5,846

Gender

Women	1,349	23%
Men	4,497	77%

Race/Ethnicity

African American / Black	111	2%
American Indian / Alaskan Native	60	1%
Asian / Pacific Islander	64	1%
Hispanic	64	1%
International	296	5%
White	4,928	84%
Race/Ethnicity Unknown	323	6%

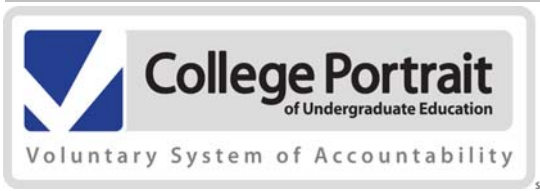
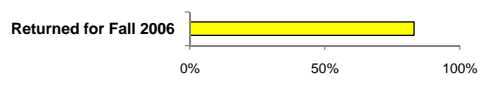
Geographic Distribution (Degree-Seeking)

Michigan	71%
Other US States & Territories	24%
Other Countries	5%

Age (Degree-Seeking)

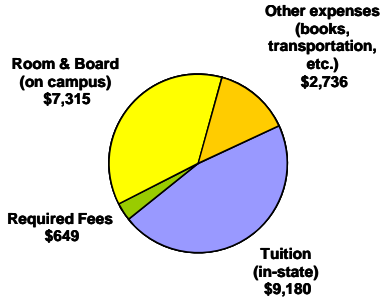
Average Age	21
Percent of Undergraduates Age 25 or Older	5%

Retention of Fall 2006 First-Time, Full-time Students



One of the strengths of U.S. higher education is the broad range of diverse institutions, each with its own distinctive mission. We encourage you to check out college web sites and visit campuses to get a more complete picture of the opportunities available to you!

Typical Undergraduate Costs per Year Without Financial Aid (Full-Time, In-State Students)



Total: \$19,880

[CLICK HERE](#) for typical out-of-state costs and any discipline-specific tuition

The cost to attend varies based on the individual circumstances of students and may be reduced through grants and scholarships.

[CLICK HERE](#)
To get a cost estimate for students like you!

Financial Aid Awarded to Undergraduates

Overall Financial Aid

• 84% of Fall 2006 full-time undergraduates received financial aid of some type including need-based loans, work study, and non need-based scholarships.

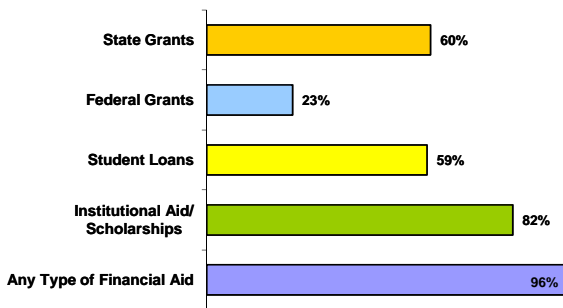
Annual Need-Based Scholarships & Grants

• 53% of Fall 2006 full-time undergraduates received need-based grants or scholarships; the average award for the year was \$5,972.

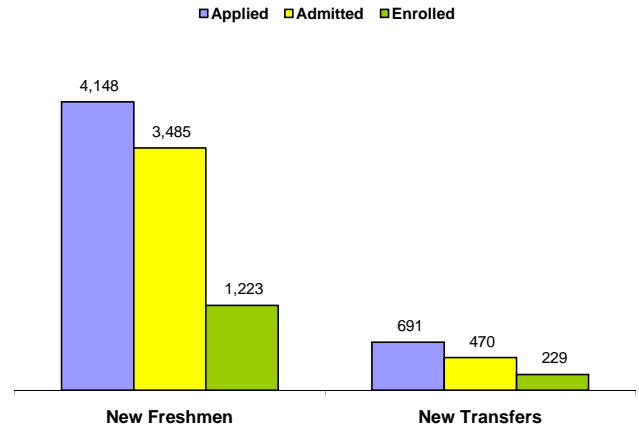
Annual Need-Based Loans

• 56% of Fall 2006 full-time undergraduates received need-based work-study and/or loans (not including parent loans); the average loan for the year was \$4,316.

Percent of Fall 2006 First-Time Students Receiving Each Type of Financial Aid



NOTE: Student may receive aid from more than one source.



Academic Preparation of New Freshman

Test(s) Required for Admission: SAT or ACT

Middle 50% of Test Score Range

	ACT	SAT
Composite	23-28	
Math	24-29	590-690
English	21-27	
Critical Reading		530-650

50% of admitted students have test scores within the ranges listed, 25% have scores above, and 25% have scores below.

Percent in top 25% of High School Graduating Class	61%
Percent in top 50% of High School Graduating Class	87%
Average High School GPA (4-point scale)	3.53

Degrees and Areas of Study

Degrees Awarded at Michigan Tech in 2006-07

Associate's	26
Bachelor's	966
Master's	184
Doctoral	65
Total	1,241

Areas of Study with the Largest Number of Undergraduate Degrees Awarded in 2006-07

Engineering	58%
Business/marketing	9%
Engineering Technologies	7%
Computer and information sciences	6%
Biological/life sciences	6%
All other degree areas	14%
Total	100%

[CLICK HERE](#) for a list of undergraduate and graduate programs

The Huskies Community

Situated on the scenic Keweenaw Peninsula, Michigan Tech students can enjoy on-campus trails for biking, jogging, and, during the winter months, nordic skiing under the lights. The biggest annual event is the Winter Carnival with massive snow statues and a lot more, and students can join one of more than 150 student groups. The Rozsa Center for the Performing Arts hosts cultural events, and the Husky athletics include NCAA Division I men's ice hockey, Division II men's and women's basketball, tennis, track and field, nordic skiing, cross country, and women's volleyball.

In addition to great classroom and laboratory experiences, Tech students can join an Enterprise team where they solve real problems for industry sponsors. The Pavlis Institute for Leadership trains students here and abroad to lead change, and the Senior Design capstone program fosters research, development, and communication skills. We have more Peace Corps master's programs than any other university, and our entire Graduate School continues to grow, especially the PhD programs.



Study at Michigan Tech [More](#)

Classroom Environment

Students per Faculty	11 to 1
Undergraduate classes with fewer than 30 students	69%
Undergraduate classes with fewer than 50 students	88%

Full-Time Instructional Faculty

Total Faculty	358
% Women	27%
% from Minority Groups	10%
% with Highest Degree in Field	85%

Carnegie Classification of Institutional Characteristics

Basic Type

Research Universities (high research activity)

Size and Setting

Medium four-year, primarily residential

Enrollment Profile

High undergraduate

Undergraduate Profile

Full-time four-year, more selective, lower transfer-in

Undergraduate Instructional Program

Professions focus, high graduate coexistence

Graduate Instructional Program

Doctoral, STEM dominant

NOTE: Institutional classifications based on the Carnegie 2005 edition.

[CLICK HERE](#) for more information on Carnegie Classifications.

Student Housing [More](#)

89% of new freshmen live on campus
45% of all undergraduates live on campus

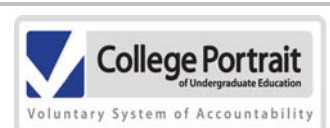
Campus Safety [More](#)

Michigan Tech takes every precaution to insure a safe and positive learning environment. The University was recently ranked by Reader's Digest as the third safest campus in the nation. We have a robust emergency plan to continually educate the campus community disseminate information as accurately and timely as possible. Residence hall students receive a Guide to Emergency Procedures, and the campus community is encouraged to review safety information on the "Safety First" website. Also, our Public Safety Department works closely with local law enforcement agencies on a continual basis.

[CLICK HERE](#) for Campus Crime Statistics report.

Future Plans of Bachelor's Degree Recipients [More](#)

Data used to build graph are not yet available



Student Experiences and Perceptions

Students who are actively involved in their own learning and development are more likely to be successful in college. Colleges and universities offer students a wide variety of opportunities both inside and outside the classroom to become engaged with new ideas, people, and experiences. Institutions measure the effectiveness of these opportunities in a variety of ways to better understand what types of activities and programs students find the most helpful.

[CLICK HERE](#) for examples of how Michigan Tech evaluates the experiences of its students.

In addition, institutions participating in the VSA program measure student involvement on campus using one of four national surveys. Results from the one survey are reported for a common set of questions selected as part of VSA. Following are the selected results from the National Survey of Student Engagement (NSSE). The questions have been grouped together in categories that are known to contribute to student learning and development. The results reported below are based on the responses of seniors who participated in the survey.

[CLICK HERE](#) for information on the NSSE survey.

Group Learning Experiences

89% percent of seniors worked with classmates on assignments outside of class.

78% of seniors tutored or taught other students

48% of seniors spent at least 6 hours per week participating in co-curricular activities such as student organizations and intramural sports

Active Learning Experiences

87% of seniors spent at least 6 hours per week preparing for class

24% of seniors worked on a research project with a faculty member

62% of seniors participated in an internship, practicum, or field experience

62% of seniors participated in community service or volunteer work

12% of seniors participated in study abroad

94% of seniors made at least one class presentation last year

Institutional Commitment to Student Learning and Success

96% of seniors believe this institution provides support for student success

72% of seniors rated the quality of academic advising at this institution as good or excellent

58% of seniors reported that this institution provided help in coping with work, family and other non-academic responsibilities

91% of seniors reported working harder than they thought they could to meet an instructor's standards or expectations

Student Satisfaction

83% of seniors would attend this institution if they started over again

86% of seniors rated their entire educational experience as good or excellent

87% of seniors reported that other students were friendly or supportive

Student Interaction with Campus Faculty and Staff

55% of seniors believed that the campus staff were helpful, considerate, or flexible

76% of seniors believed that faculty are available, helpful, or sympathetic

95% of seniors reported that faculty members provided prompt feedback on their academic performance

68% of seniors discussed readings or ideas with faculty members outside of class

Experiences with Diverse Groups of People and Ideas

52% of seniors reported that they often tried to understand someone else's point of view

76% of seniors reported their experience at this institution contributed to their understanding people of other racial and ethnic backgrounds

39% of seniors often had serious conversations with students of a different race or ethnicity

Student Learning Outcomes

All colleges and universities use multiple approaches to measure student learning. Many of these are specific to particular disciplines, many are coordinated with accrediting agencies, and many are based on outcomes after students have graduated. In addition, those institutions participating in the VSA measure increases in critical thinking, analytic reasoning, and written communication using one of three tests.

Student Learning Assessment at Michigan Tech

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[CLICK HERE](#) for examples of student learning assessment and outcomes at Michigan Tech

Pilot Project to Measure Core Learning Outcomes

Results from the pilot project using one of the three learning outcomes tests are not yet available.