

TECHNOLOGY & MANAGEMENT MINOR

for the Minor in Technology & Management

program website: Hoeft Technology & Management Program (<https://techgmt.illinois.edu/>)

overview of college admissions & requirements: Gies Catalog (<http://catalog.illinois.edu/schools/gies-business/>) and The Grainger College of Engineering Catalog (<http://catalog.illinois.edu/schools/engineering/>)

college website: <https://giesbusiness.illinois.edu/> and <https://grainger.illinois.edu/>

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Successful management of technology-driven businesses today requires that employees work effectively in interdisciplinary teams. Team-based project management requires that each member of the team contribute not only in his or her own area of expertise, but in other aspects of the project as well. The better equipped a new employee is to reach this level of competency quickly, the more valuable will be his or her contributions. Moreover, an employee having such competency will be better prepared to assume positions of increased responsibility and challenge.

The Hoeft Technology & Management Program offers a minor in Technology & Management to undergraduate students in Gies College of Business and The Grainger College of Engineering. Students in the Colleges of ACES and LAS may also be eligible based on their major. The minor is designed to prepare students for success in a wide variety of careers. Today, more than ever, employers have high expectations of undergraduate hires. The T&M Program provides a comprehensive experience to ready graduates for early career success.

Students in the minor are able to acquire a thorough foundation in their major course of study and a comprehensive understanding of the fundamental elements of a cross-discipline education. The course of study leading to a minor in Technology & Management is comprised of the following:

Code	Title	Hours
Required Courses Taken by Engineering Students Only (in order taken)		
BADM 365	New Product Marketing	3
ACCY 200	Fundamentals of Accounting	3
Required Course Taken by Engineering Students Only (taken at any time)		
FIN 221	Corporate Finance	3
Required Courses Taken by Business Students Only (in order taken)		
MSE 101	Materials in Today's World	3
ECE 317	ECE Technology & Management	3
TAM 201	Mechanics for Technol & Mgmt	3
Required Courses Taken by Engineering and Business Students Together (in order taken)		
TMGT 367	Mgmt of Innov and Technology	3

TMGT 366	Product Design and Development	3
TMGT 460	Business Process Modeling	3
TMGT 461	Tech, Eng, & Mgt Final Project	2

Throughout the minor, emphasis is placed on an interdisciplinary team approach to the development of comprehensive solutions to real-world problems. In many cases, the problems are provided by industry sponsors who, along with business and engineering faculty advisors, provide assistance and guidance to student teams.

The T&M Program is sponsored by leading companies in a variety of industries. These companies provide strategic guidance, access to senior executives, real-world business problems, and internship and full-time employment opportunities. As of Spring 2021, T&M corporate affiliates include Abbott, Anheuser-Busch, Boeing, bp, Caterpillar, John Deere, Motorola Solutions, Synchrony, and T-Mobile.

In addition to formal courses, the T&M Program offers a comprehensive set of co-curricular activities to develop skills and provide valuable experiences to students. These include leadership development, career development, and professional development workshops (for example, professional branding and etiquette, improvisation training, and negotiation training), an international immersion experience, and an international business plan competition.

The Hoeft Technology & Management Program aims to prepare graduates for successful careers in a variety of functions and roles. T&M students have pursued careers in a wide range of industries and fields.

Students who wish to pursue this minor must apply for admission to The Hoeft Technology & Management Program during winter break of their sophomore year. Enrollment in the minor is limited and admission is competitive. Applications are reviewed by the program staff, academic directors, current students in the program, and alumni of the program. Offers of admission are based on the student's personal and professional goals, academic record, extracurricular involvement, teamwork experience, leadership potential, and commitment to making the T&M Program's courses and co-curricular offerings a high priority.