Technological Entrepreneurship and Management, Minor

ESTEM2MIN

Description

The minor in technological entrepreneurship and management is available to students who are interested in advancing ideas for new or improved products or services. Students learn the range of skills needed to develop new products, services and business models as well as whole new industries.

The courses available for the minor are designed to advance entrepreneurial and systems thinking and cover a broad range of topics important to venture startups such as creativity, entrepreneurship, innovation, global impact and systems thinking.

This minor is available as either an on-campus or 100% online program.

At a Glance

- **College/School:** [Ira A. Fulton Schools of Engineering](#)
- **Location:** Polytechnic campus or [online](#)

Program Requirements

[Minor Map (Archives)](#)
[2021 - 2022 Minor Map](#)

Completion of the technological entrepreneurship and management minor requires 18 resident credit hours of the specified courses with a grade of "C" or better in each course. At least four of the six courses must be upper-division.

Students may not double count any courses with other entrepreneurship certificates.
Required Courses -- 12 credit hours

FSE 301: Entrepreneurship and Value Creation (3)
TEM 230: Creativity and Business Innovation (3)
TEM 330: Systems Innovation or TEM 431: Innovation Management (3)
TMC 110: Understanding the Enterprise (3)

Electives -- 6 credit hours

ACC 382: Accounting and Financial Analysis (3)
CIS 300: Web Design and Development or GIT 215: Introduction to Web Authoring (3)
ENT 446: Venture Capital Experience (3)
ENT 447: Lean Launch (3)
ENT 448: Corporate Entrepreneurship (3)
LES 380: Consumer Perspective of Business Law or OMT 402: Legal Issues for Technologists (3)
MKT 380: Management and Strategy for Nonmajors or TMC 430: Enterprise Strategy and Innovation (3)
MKT 425: Global Marketing Management (G) (3)
TEM 294: Social Entrepreneurship I (3)
TEM 311: Opportunity Analysis (3)
TEM 394: Social Entrepreneurship II (3)
TEM 400: Technology Entrepreneurship (3)
TEM 481: Consulting Project (3)
TEM 482: Startup Workshop (3)
TMC 310: Promotion of the Enterprise or MKT 300: Marketing and Business Performance or MKT 390: Essentials of Marketing or AGB 420: Food Advertising and Promotion (3)
TMC 320: Funding the Enterprise or FIN 455: Entrepreneurial Finance (3)
TMC 330: Leading the Enterprise or MGT 300: Organization and Management Leadership or ENT 441: Entrepreneurial Management (3)
TMC 331: Quality Assurance (3)
TMC 410: Enterprise Operations (3)
TMC 470: Enterprise Planning and Implementation (3)

By petition, students can take two upper-division electives from their chosen discipline.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements

GPA Requirement: None

Incompatible Majors: BS in technological entrepreneurship and management; BAS in applied science (operations management); BS in business entrepreneurship
**Other Enrollment Requirements:** The technological entrepreneurship and management minor is open to non-TEM undergraduate students. TEM students are not eligible to apply for this minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

**Attend Online**

ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information [here](#).

**Career Opportunities**

The technological entrepreneurship and management minor prepares students for a wide variety of career possibilities; some examples are technology-based entrepreneurship, product development, consulting, venture capital analysis, business development, market analysis and technology marketing.

**Contact Information**

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