Arizona State University
IRA A. FULTON SCHOOLS OF ENGINEERING
The Polytechnic School

Master of Science in Technology (MSTech)
Concentration: Management of Technology (MOT)

Study at: Polytechnic campus
TSMRMSTECH

Program Description
Degree Awarded: MS Technology in Management of Technology (MSTech MOT)

The MSTech with a concentration in management of technology prepares students for leadership roles as technically proficient professionals in technology-driven organizations, whether private or public. Students are prepared to successfully transition into leadership positions in their field of expertise and to move into a general leadership role outside their area of technical expertise as their careers grow.

This degree program is open to individuals with a technical undergraduate degree who wish to develop their leadership and management skills to complement their technical expertise. The curriculum is tailored to the needs of the student, ensuring each student obtains basic leadership and management skills.

Degree Requirements

Program requires the following:
33 credit hours and a thesis, or
33 credit hours including the required applied project course (TMC 593).

It is expected that graduates of the program possess skills in research and the ability to apply these research skills in practice. To achieve this goal, each student is required to complete

Courses
OMT 549 Research Techniques; and either
TMC 593 Applied Project; or
TMC 599 Thesis.

Additionally, each student is required to select four courses (12 credit hours) from the following list:
OMT 503 Marketing Management (3)
OMT 504 Law and Ethics for Technical Professionals (3)
OMT 520 Strategic Management of Technology (3)
OMT 540 International Management (3)
OMT 548 Statistical Methods for Research (3)
OMT 550 Industrial Training and Development (3)
OMT 570 Advanced Project Management (3)
OMT 598 ST: Advanced Operations Topics (1-4);
for example: TEM 532 Advanced Analysis of Systems (3)
OMT 598 ST: Advanced Quality Topics (1-4); for example a course in “Lean Six Sigma”
TMC 584 Internship (1-3)
OMT 592 Research (1-3)
Graduate courses from other majors may be selected with approval from the student’s graduate advisory committee. These additional courses are selected to support the student’s individual career goals and perceived needs. If selecting the thesis option, courses are chosen to support the student’s research topic and research methods. To ensure that all courses taken will fit into the plan of study, all students are expected to discuss their tentative plan with their program advisors prior to registering for their first class and must have an approved plan of study on file by the completion of nine credit hours toward the degree.

Students without a statistics course at the undergraduate level will be required to complete an appropriate course during the first semester in the program. This course will be in addition to the other requirements for the degree. Additional courses may be required to fulfill deficiencies, based on a review of the applicant’s transcripts. Please contact the department for more information.

**Admission Requirements**

Applicants must submit all the items below to complete an application file. Incomplete files will not be reviewed or considered until complete.

1. An online Graduate Education application
2. Official transcript from each college or university attended
3. An English proficiency exam score for applicants whose native language is not English*
4. Official GRE general exam scores
5. Statement of purpose
6. Current resume
7. Three letters of recommendation

*International applicants can find complete information on the English proficiency exams and other required documents on the Graduate Education website: [http://graduate.asu.edu/admissions/international](http://graduate.asu.edu/admissions/international). Applicants whose native language is not English (regardless of where they may now reside) must provide proof of English proficiency.

For best consideration, the deadline is April 1 for fall applications; Oct. 1 for spring applications. Late applications may still be considered for the same application term or for the next term of admission; however, the department reserves the right to deny or not review a late application.

Admission to the graduate degree program presupposes an adequate technical preparation in a selected technology at the undergraduate level. The applicant’s past work and professional experience are also evaluated and taken into consideration. Industrial experience beyond completion of a bachelor’s is strongly recommended.

Undergraduate course work of admitted applicants to this program generally include calculus, technical writing and statistics. Students without a statistics course at the undergraduate level will be assigned a statistics deficiency course. This course will be in addition to the other requirements for the degree. Additional courses may be required to fulfill deficiencies, based on a review of the applicant’s transcripts. Deficiency courses must be completed within the first year of the graduate program while concurrently enrolled in graduate-level course work.

Students must fulfill both the requirements of Graduate Education and those of the Polytechnic School of the Fulton Schools of Engineering.