

Anderson School of Management

MANAGEMENT OF TECHNOLOGY CONCENTRATION MBA



General Description

The field of Management of Technology (MOT) develops professionals who enable large and small firms in the public and private sectors to excel in a technology-based economy. Engaging in New Mexico economic development activities and generating world-class research in technology commercialization, the Anderson MOT program has been ranked in the top ten U.S. technology management programs and in the top 50 worldwide by the International Association of Management of Technology. (IAMOT).

The MOT program offers a hands-on approach to enhance the knowledge, skills and careers of both public and private sector managers. The program educates its graduates to recognize and generate competitive market advantage from technological change. Students learn to:

- Assess the technological potential of innovations,
- Manage Research and Development (R & D) projects,
- Forecast technological needs within the commercial world,
- Create and/or build upon businesses based on technology products,
- Evaluate the strategic impact of technology on current operations,
- Examine the role of strategic alliances, and
- Evaluate ventures based upon patents, licenses and other intellectual property positions.

The Management of Technology program supports activities that lead to economic development in New Mexico and the world. MOT fosters the interaction between New Mexico and international, high-technology business communities through collaborative business plan development, customized entrepreneurial programs, and technological forecasting. Collaborative relationships exist with organizations such as Sandia National Laboratories, Los Alamos National Laboratory, The State of New Mexico, Intel, Technology Ventures Corporation, STC@UNM, and many technology-based firms.

MBA MANAGEMENT OF TECHNOLOGY (MOT) CONCENTRATION REQUIREMENTS

The MBA Management of technology concentration requires 15 hours (5 courses) of graduate MOT coursework. **The pre-requisite for all MOT concentration coursework is MGMT 511: Technology Commercialization and the Global Environment (part of the Anderson Core Curriculum)**

Required Courses—Choose TWO courses from the following:

- | | |
|----------|---|
| MGMT 512 | Strategic Management of Technology Instructor Permission Required |
| MGMT 513 | Technological Forecasting and Assessment |
| MGMT 514 | Technological Entrepreneurship (prerequisites: two of the following: 512, 513, 515, or 516) |
| MGMT 516 | Entrepreneurial Finance in High Technology |

SEE REVERSE FOR ADDITIONAL MOT CONCENTRATION REQUIREMENTS



UNM

ANDERSON SCHOOL
of MANAGEMENT

<http://mba.mgt.unm.edu/concentrations/mot.asp>

MBA MANAGEMENT OF TECHNOLOGY (MOT) CONCENTRATION REQUIREMENTS (continued)

*Elective Courses - Choose THREE Additional Courses from the following:

- MGMT 512: Strategic Management of technology **Instructor Permission Required**
MGMT 513: Technological Forecasting and Assessment
MGMT 514: Technological Entrepreneurship - Prerequisites: two of the following: **MGMT 512, 513, 515, or 516**
MGMT 515: Innovative Product Development
MGMT 516: Entrepreneurial Finance in High Technology **Instructor Permission Required**
MGMT 517: E-Commerce: Business Models and Technology
MGMT 518: Technology Management & Economic Development
Prerequisites: two of the following: **MGMT 512, 513, 515, or 516**
MGMT 519: Project in Technology Commercialization
Prerequisites: two of the following: **MGMT 512, 513, 515, or 516**
MGMT 697 MOT Internship (Concentration advisor permission required-see Career Services Office)

*Other courses may be approved by a concentration advisor. Courses from other university units (Law, Engineering, etc.) may be considered for credit toward an MOT concentration if approved by a concentration advisor in advance. Each student is strongly encouraged to meet with a concentration advisor as early as possible in his/her degree program in order to plan a program of study.

MANAGEMENT OF TECHNOLOGY (MOT) FACULTY

Sul Kasscieh, Concentration Advisor
Distinguished Professor
Anderson School Endowed Chair in Economic Development
Ph.D. University of Iowa
Office: ASM 2210 (2nd floor, east wing)
Phone: 505-277-8881
Email: kasscieh@mgt.unm.edu

Steve Walsh, Concentration Advisor
Associate Professor
Ed Black's Chevrolet Professor
Ph.D. Rensselaer Polytechnic Institute
Office: ASM 2158 (2nd floor, east wing)
Phone: 505-277-8868
Email: walsh@mgt.unm.edu