







Telecommunications systems are networks of leading-edge technologies that are connected to allow organizations and individuals throughout business and industry to communicate instantaneously around the world.

These systems provide the infrastructure for activities such as teleconferencing, distance learning, telemedicine, data interchange, on-demand video and a host of other emerging business applications. People who are qualified to manage such systems are now in high demand.

- > Fiber optic systems
- > Satellites
- > Wireless
- > Telephony
- > Cable





# **Drew Perry**

"TSM's capstone course is the pinnacle of the hybrid technology/business education that is the core of the TSM program. It merges the IT knowledge students have learned from the college of science, engineering and technology with the project management skills developed with the college of business. This duality shows students exactly what they will be up against managing full-scale technology implementations in the information technology workplace and gives them a great advantage over graduates of other information technology programs."



### **Dana Howard**

"I got my master's degree in telecommunications systems management because I knew the mix of project management with technology would be a perfect complement to my bachelor's degree in mass communications. Management is so important in any industry but staying on the cutting edge of technology is critical in communications. On top of that, I got a degree from a top university in the south and one of the highest respected telecommunications programs in the nation. The combination of all of that has given me a confidence in my knowledge and skill sets as I move up the ladder of success."



## Paul Suwannarat, Ph.D.

"There are a number of things I gained from the TSM program. This rigorous program provided me the applicable knowledge of the TSM business and law as well as the technical skills obtained from both classroom and lab. In addition, the program provided outstanding support and mentorship to help achieve the career objectives within the highly competitive industry. It also emphasized solution management which encourages students to integrate their knowledge in providing solutions for prospective customers."

## **Admission Requirements**

For unconditional acceptance, all candidates should take the Graduate Management Admission Test (GMAT) or the Graduate Record Examination (GRE). Students can also be conditionally accepted; contact the TSM graduate advisor to discuss qualifications.



# CURRICULUM

#### **TSM Required Courses**

To graduate from the TSM graduate program (30 hours total), students must take the following eight courses (24 hours) and two TSM electives (six hours). **Note:** ACC 604 and MGT 651 have prerequisites that are not included in the 30 hours.

12W 601	relecommunications Principles
TSM 602	Telecommunications Systems
TSM 603	Telecommunications Project Management
TSM 610	Network Management
TSM 630	Telecommunications Legal Environment: Law, Policy and Regulation
TSM 680	Telecommunications Solution Development
ACC 604	Quantitative Financial Controls (ACC 490)
MGT 651	Seminar in Organizational Behavior (MGT 350)
TSM Electives	Choose two.

View the catalog to find current elective courses, course descriptions and prerequisites at: <a href="http://campus.murraystate.edu/classes/schedule.html">http://campus.murraystate.edu/classes/schedule.html</a>

#### **Capstone Course**

TSM 680 is the capstone course for the M.S. in TSM. Students use project management techniques involving the technical, financial and managerial aspects of developing an integrated communications network solution that meets voice, data and video requirements. Major emphasis in the proposed solution is a requirement analysis, solution design, solution implementation and solution management.

Before students can take TSM 680, they must have at least 18 hours of graduate work and have completed ACC 604, MGT 651, TSM 602, TSM 603 and TSM 610.

### **MSU Tuition and Fees**

Tuition and fees are subject to change every fiscal year. Please scan code or visit <a href="http://www.murraystate.edu/Students/Graduate/TuitionandFees.aspx">http://www.murraystate.edu/Students/Graduate/TuitionandFees.aspx</a> to view an updated list of tuition and fees.

- **Regional tuition** is available for Alabama, Illinois, Indiana, Missouri, Ohio and Tennessee residents.
- **WEB course tuition and fees** are separate and in addition to regular tuition and fees. These costs can be found online.

**NOTE:** Graduate students are considered full time at nine credit hours — however, tuition will not cap until 12 credit hours. Each hour that a graduate student takes (up to 12 credit hours) will be charged the hourly rate



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