



# INDUSTRIAL DISTRIBUTION & LOGISTICS

## MASTER OF SCIENCE

## TECHNOLOGY SYSTEMS

The Master's of Science in Technology Systems, Industrial Distribution and Logistics concentration prepares students for upper level positions in the industrial distribution, logistics, transportation and supply chain management fields. The program provides industry-based, problem-solving experiences in the application of technology, planning, productivity improvement, quality, forecasting, and management systems. The 18-hour concentration builds upon the 12-hour MS in Technology Systems core to provide a solid career foundation for careers and occupations as: Traffic Manager, Distribution Center Manager, Production Control Manager, System Analyst, Product Line Sales Manager, Manager of Material control, Manager of Procurement, or Supply Chain Manager.

Core Courses (12 SH)	Concentration Courses (18 SH)
ITEC 6050 Strategies for Technical Management and Communications (Program Introduction) ITEC 6000 Statistical Applications in Industry ITEC 6406 Capital Project and Cost Analysis for Technology ITEC 6200 Project Management for Technology	IDIS 6500 Collaborative Planning in Supply Network IDIS 6535 Supply Chain Logistics Management IDIS 6545 Global Logistics Management ITEC 6001 Process Analysis Methods ITEC 6600 Quality Systems One elective from approved ITEC, ICTN or SAFT courses

### ADMISSION STANDARDS

An applicant must have a baccalaureate degree from an institution accredited by a regional association and have an overall GPA of 2.5 on a 4.0 scale on all undergraduate work. Each applicant must take a standardized graduate test such as the Graduate Record Examination (GRE) or the Miller Analogies Test (MAT) and achieve a satisfactory score.

### ADMISSION PROCEDURE

- Request and complete a graduate application packet from the Office of Graduate Studies, [www.ecu.edu/gradschool](http://www.ecu.edu/gradschool). Applications will be evaluated on a case-by-case basis.
- Complete and return the Department of Technology Systems (TECS) Entrance Application found at [www.tecs.ecu.edu/tsys/grad/Entrance\\_Application.doc](http://www.tecs.ecu.edu/tsys/grad/Entrance_Application.doc)
- Full requirements, responsibilities and procedures of the Graduate School are located at [www.ecu.edu/gradschool](http://www.ecu.edu/gradschool).

The Department of Technology Systems is a national leader in offering graduate, technology related degrees online. The program is Internet-based and students are advised, complete courses, collaborate on projects, perform research, and complete the degree via the Internet. Each student should have a state-of-the-art computer and reliable Internet access. Students will spend 10-15 hours per week in preparing for and participating in each course. Most of the students in the program are working professionals who are pursuing the degree for career advancement. Average completion time is 24 months if six credits per semester are taken. Courses are scheduled in a sequence over the fall, spring, and summer semesters and this allows program entry in any semester. Formats for the courses vary but all include frequent interaction with the instructor and other students. Courses are offered using a variety of Internet-based tools including streaming video, email, chat, threaded discussion, web, file transfer, and collaboration tools. The first course in the program, ITEC 6050, introduces the use of these tools in a collaborative research/study environment. More information can be found at our website at [www.tecs.ecu.edu](http://www.tecs.ecu.edu).

### For more information contact:

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