TECHNICAL MANAGEMENT
Specialization: Information Technology - Networking Fundamentals

ABOUT THIS DEGREE PROGRAM

BUSINESS CORE

A FOUNDATION IN BUSINESS

This program features a series of essential Business Core courses to help build interdisciplinary skills critical to workplace success. These courses introduce students to key disciplines that support business careers and cover concepts related to general business principles, including accounting, marketing, management and the analytic skills that inform business decision-making.

The Business Core coursework introduces students to contemporary workplace applications. In each course, the learning experience is enhanced through activities that help students apply the course material, while shaping future education and career choices.

A PROGRAM TO FUEL YOUR FUTURE

In this specialization you can learn how to plan and manage IT infrastructure. You'll learn how to apply cyber security measures to protect systems from vulnerabilities.

IS THIS PROGRAM FOR YOU?

Are you interested in pursuing a managerial role, but deal with technical and technology issues essential in today's business? Then this may be the right program for you. In this degree you can couple organizational, project management, and budgeting skills learned with essential network and security skills necessary to manage IT enterprises.

CAREER OPPORTUNITIES

Graduates of Devry University's Technical Management program with a specialization in Information Technology may consider, but are not limited to, the following careers:

- IT Project Manager
- Entry Level IT Security and Support Specialist
- Junior Systems Advisor
- Junior Network Security Analyst

WHAT YOU'LL LEARN

ESSENTIALS

- Communicate methods and findings
- Collaborate in a dynamic work environment
- Solve complex problems
- Analyze data
- Apply appropriate technologies

BUSINESS CORE

- Lead, manage and collaborate in diverse environments
- Allocate financial and human resources, manage risk, and analyze business opportunities
- Evaluate and solve complex business problems using numerical and qualitative data
- Use technology to develop solutions to improve daily operations and long-term strategy

PROGRAM

- Apply leadership, resource management and conflict management techniques to solve business problems
- Analyze financial and statistical data
- Apply managerial theories and techniques to improve organizational performance and foster continuous improvement
- Effectively communicate business information

SPECIALIZED

- Implement, operate and troubleshoot large or small enterprise networks
- Use network operating systems to manage LANs and WANs
- Manage enterprise level or small business network and technology resources
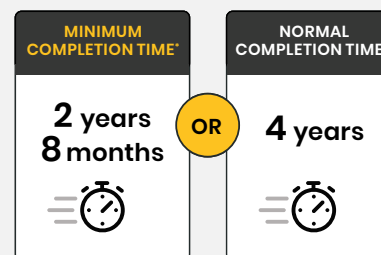- Identify and mitigate network risk and cyber-security threats

QUICK FACTS

122
CREDIT HOURS
minimum credit hours required for graduation

ACBSP ACCREDITED

ACCREDITATION MATTERS

Our Technical Management program has achieved voluntary accreditation from the Accreditation Council for Business Schools and Programs (ACBSP), demonstrating that it has met the standards of business education that promote teaching excellence. Learn more about ACBSP at www.acbsp.org.

MINIMUM COMPLETION TIME*

2 years 8 months

OR

NORMAL COMPLETION TIME**

4 years

ACCELERATE ON YOUR SCHEDULE

Choose the schedule that best fits your goals and commitments. You can earn your **Bachelor's Degree** in as little as **2 years 8 months**.

Or, follow a normal schedule and complete your program in 4 years.

* Minimum completion time does not include breaks and assumes 3 semesters of year-round, full-time enrollment in 12-19 credit hours a semester per 12-month period.
** Normal completion time includes breaks and assumes 2 semesters of enrollment in 12-19 credit hours per semester per 12-month period.

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Technical Management | Information Technology - Networking Fundamentals

ESSENTIALS
40 CREDIT HOURS

COMMUNICATION SKILLS

ENGL112[1]	Composition
ENGL135	Advanced Composition

HUMANITIES

LAS432	Technology, Society, and Culture ✪

Select one

ETHC334	Diversity, Equity and Inclusion in the Workplace ✪
ETHC445	Principles of Ethics

SOCIAL SCIENCES

ECON312	Principles of Economics
SOCS185[2]	Culture and Society ✪

MATHEMATICS AND NATURAL SCIENCES

MATH114	Algebra for College Students
SCI228[3]	Nutrition, Health and Wellness with Lab

Select one

MATH200	Quantitative Reasoning
MATH221	Statistics for Decision-Making

ADDITIONAL GENERAL EDUCATION SELECTION

Select one

SPCH275	Public Speaking
SPCH276	Intercultural Communication ✪

PERSONAL AND PROFESSIONAL DEVELOPMENT

CARD405	Career Development
COLL148	Critical Thinking and Problem-Solving

BE AN ACTIVE PART OF AN INCLUSIVE FUTURE
Customize your curriculum by choosing Diversity, Equity and Inclusion (DE&I) course alternates for your Communication Skills, Humanities and Social Science courses. These course options – denoted by this icon – highlight relevant topics to help empower you to promote an inclusive workplace.

BUSINESS CORE
18 CREDIT HOURS

BUSINESS CORE

BIS155	Data Analysis with Spreadsheets with Lab
BUSN115	Introduction to Business and Technology
BUSN319	Marketing
COMP100	Computer Applications for Business with Lab
MGMT303	Principles of Management

Select one

ACCT207	Fundamentals of Accounting
ACCT212	Financial Accounting

PROGRAM
37 CREDIT HOURS

MANAGEMENT AND TECHNOLOGY

One of

BIS245	Database Essentials for Business with Lab
SEC310	Principals and Theory of Security Management

One of

MGMT404	Project Management
PROJ404	Project Management for the Profession

ELECTIVES[4]

Two of

ACCT360	Managerial Accounting
BIAM110	Introduction to Business Analytics
BUSN379	Finance
LEAD150	Leadership and Facilitating Change
LEAD200	Communication for a Diverse Workplace
MGMT408	Management of Technology Resources

Five of

BUSN278	Budgeting and Forecasting
BUSN369	International Business
BUSN412	Business Policy
GSCM206	Managing Across the Supply Chain
LEAD335	Cross-Cultural Leadership
MGMT410	Human Resource Management

SENIOR PROJECT

BUSN460	Senior Project

SPECIALIZED
27 CREDIT HOURS

INFORMATION TECHNOLOGY – NETWORKING FUNDAMENTALS

CEIS101C	Introduction to Technology and Information Systems
CEIS106	Introduction to Operating Systems
CEIS110	Introduction to Programming
CEIS114	Introduction to Digital Devices
NETW191	Fundamentals of Information Technology and Networking
NETW212	Introduction to Cloud Computing
NETW260	Intermediate Information Technology and Networking I
NETW270	Intermediate Information Technology and Networking II
SEC285	Fundamentals of Information Systems Security

[1] Students enrolled at a New Jersey location take ENGL108 in lieu of this course.

[2] Students enrolled at a Nevada location must take POLI332 as part of this requirement, the Additional General Education Selection or the Electives.

[3] Students enrolled at a New Jersey location must take TECH204 to fulfill this requirement.

[4] Students enrolled at a New Jersey location must take 55 semester-credit hours of general education coursework. Fifteen semester-credit hours of general education coursework may be applied to the Electives course area.

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