



Bachelor's Degree Program TECHNICAL MANAGEMENT

Specialization: **Information Technology**

QUICK FACTS

122

CREDIT HOURS
minimum credit hours
required for graduation

9.1%

GROWTH NATIONALLY FROM 2016-2026
FOR EMPLOYMENT OF GENERAL AND OPERATIONS MANAGERS¹

2 + 8

YEARS MONTHS
minimum length
to graduation²

¹<https://data.bls.gov/projections/occupationProj>. Data reflects a national projected percentage change in employment from 2016-2026 and may not reflect local economic conditions. ²Not including breaks. Assumes year-round, full-time enrollment. Additional program information may be found at <https://www.devry.edu/degree-programs.html>

ABOUT THIS DEGREE PROGRAM

For those with prior college education or professional experience, the bachelor's degree completion program in Technical Management at DeVry University can help you develop the management skills needed to work in many business areas and industries, such as accounting, project management, entrepreneurship, marketing, and human resources. With previously earned qualifying college credits, you may be able to earn your bachelor's degree in less time.

Our Technical Management degree program is designed to prepare students to meet the challenges of a high-tech, global marketplace by bringing the real world into the classroom. Through experiential projects, you can develop the skills and business acumen needed in today's business world.

If you have prior work or educational experience, you may also want to consider our Management degree program, which is available with many of the same specializations.

Through our TechPath approach, we've put technology at the core of our programs in business, tech and health – including this program. Every TechPath class you take revolves around a unique learning rubric developed at DeVry. We call it People-Process-Data-Devices or P2D2. You'll gain real skills in collaboration, be able to adapt to new structures, and be comfortable working with data and a wide spectrum of tech-forward tools. P2D2 is a key component of what makes TechPath a smart, new way of getting the knowledge you need to be ready to hit the ground running in the way successful companies work today.

GENERAL EDUCATION COURSEWORK

Communication Skills

- ENGL112⁴** Composition
- ENGL135** Advanced Composition

Humanities³

- ETHC445** Principles of Ethics
- LAS432** Technology, Society and Culture

Social Sciences

- ECON312** Principles of Economics
- SOCS185¹** Culture and Society

Mathematics and Natural Sciences

- MATH114** Algebra for College Students
- MATH221** Statistics for Decision-Making
- SCI228²** Nutrition, Health and Wellness with Lab

Additional General Education Selection

- SPCH275** Public Speaking

Personal and Professional Development

- CARD405** Career Development
- COLL148** Critical Thinking and Problem-Solving

¹ Students enrolled at a Nevada location must take POLI332 as part of this requirement or the General Education Option.

² Students enrolled at a New Jersey location may take PHYS204 or SCI200 to fulfill this requirement.

³ Students enrolled at a Pennsylvania location must take HUMN451 as part of this requirement.

⁴ Students enrolled at a New Jersey location take ENGL108 in lieu of this course.

CORE-DEGREE COURSEWORK

Business, Management and Technology

- ACCT212** Financial Accounting
- BIS155** Data Analysis with Spreadsheets with Lab
- BIS245** Database Essentials for Business with Lab
- BUSN115** Introduction to Business and Technology
- BUSN412** Business Policy
- COMP100** Computer Applications for Business with Lab
- MGMT303** Principles of Management
- MGMT404** Project Management

Senior Project

- BUSN460** Senior Project

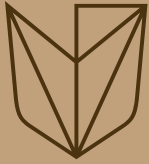
Electives³

The following suggested electives follow the TechPath and ensure students meet prerequisite requirements. Qualifying prior college coursework not meeting other program requirements may be applied toward the elective hours. Students may request alternate elective courses through academic advising.

- BUSN319** Marketing
- BUSN369** International Business
- CIS115** Logic and Design
- CIS170C** Programming with Lab
- CIS206** Architecture and Operating Systems with Lab
- MGMT408** Management of Technology Resources
- SEC310** Principles and Theory of Security Management

³ 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.

Courses in blue are part of the DeVry TechPath



ABOUT THIS SPECIALIZATION

DeVry University's bachelor's degree program in Technical Management can help prepare you for the workplace with a solid business foundation. Our specialization in Information Technology can further focus your studies.

The dynamic world of information technology (IT) connects people, process, data and devices, across offices and around the globe. Our Information Technology specialization introduces you to many aspects of the digital mesh that supports modern business and fuels the consumer marketplace. From cloud computing and big data storage to mobile applications and computing networks, you can explore technical solutions to address organizational problems. You can discover how to plan and manage IT infrastructure, and how to apply cybersecurity measures to protect systems from vulnerabilities.

You can also learn the networking and IT skills to help prepare you for the Cisco Certified Networking Associate (CCNA) and the Cisco Certified Entry Networking Technician (CCENT) certifications, industry-recognized credentials which can validate your skills to hiring managers. And, as a student enrolled in our Information Technology specialization, you can take advantage of our Certification Prep courses at no tuition charge.

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

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

DID YOU KNOW?

DeVry University's Bachelor of Science in Technical Management program has achieved voluntary accreditation from the Accreditation Council for Business Schools and Programs (ACBSP) www.acbsp.org, demonstrating that it has met the standards of business education that promote teaching excellence.



For comprehensive consumer information, visit devry.edu/studentconsumerinfo. Important information about the education debt, earnings and completion rates of students who attended this program can be found at devry.edu/btm-ge. For additional program information, visit devry.edu/btm.

In New York, DeVry University operates as DeVry College of New York.

DeVry University is accredited by The Higher Learning Commission (HLC), <http://www.hlcommission.org>. Keller Graduate School of Management is included in this accreditation. DeVry is certified to operate by the State Council of Higher Education for Virginia. Arlington Campus: 2450 Crystal Dr., Arlington, VA 22202. DeVry University is authorized for operation as a postsecondary educational institution by the Tennessee Higher Education Commission. www.tn.gov/thee Nashville Campus: 3343 Perimeter Hill Dr., Nashville, TN 37211. Program availability varies by location. In site-based programs, students will be required to take a substantial amount of coursework online to complete their program.

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KNOWLEDGE AND SKILLS

ADMINISTRATION AND MANAGEMENT — Understand business and management principles involved in IT infrastructure, information security, cyber-security, strategic planning, resource allocation and coordination of people and resources.

DETERMINING COMPLIANCE WITH STANDARDS — Use relevant information and individual judgment to determine whether events or processes comply with laws, regulation or standards.

INFORMATION AND CYBERSECURITY FOUNDATIONS — Identify common security threats and vulnerabilities such as malware, phishing, spoofing and social engineering.

COMPUTING SKILLS — Explore operating systems, basic coding techniques and ways to use software packages to analyze business problems.

NETWORK FUNDAMENTALS — Gain working and certifiable knowledge of basic networks, routing and switching essentials, scaling networks, connecting and securing networks, and small network configuration, troubleshooting and management.

PROGRAM-SPECIFIC COURSEWORK

ALL
of these
courses

- COMP230** Introduction to Scripting and Database with Lab
- SEC280** Principles of Information Systems Security
- SEC440** Information Systems Security Planning and Audit

ALL
of these
courses

- NETW202** Introduction to Networking with Lab
- NETW204** Introduction to Routing with Lab
- NETW206** Introduction to Switching with Lab
- NETW208** Introduction to WAN Technologies with Lab
- NETW230** Network Operating Systems - Windows, with Lab

OR

ALL
of these
courses

- NETW203** Cisco Networking Academy - Introduction to Networking with Lab
- NETW205** Cisco Networking Academy - Introduction to Routing with Lab
- NETW207** Cisco Networking Academy - Introduction to Switching with Lab
- NETW209** Cisco Networking Academy - Introduction to WAN Technologies with Lab
- NETW230** Network Operating Systems - Windows, with Lab

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