BACHELOR’S DEGREE PROGRAM  |  BUSINESS

TECHNICAL MANAGEMENT
Specialization: Information Technology

ABOUT THIS DEGREE PROGRAM

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

6.9% GROWTH
nationally from 2018-2028 for employment of General and Operations Managers

2 YEARS + 8 MONTHS
minimum length to graduation

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.

FLEXIBILITY TO FIT YOUR LIFE
Take courses online, on campus, or in our innovative connected classrooms. Study full- or part-time and tailor your DeVry experience to fit your life. Classes start every 8 weeks, so you can begin your college degree when it makes sense for you.

CISCO-CENTRIC COURSEWORK
DeVry University works with industry partners, like Cisco, to deliver networking curriculum that helps prepare students with industry relevant skills. Networking courses in this program are aligned to the Cisco Certified Network Associate (CCNA) certification so that students are prepared to sit for this exam, should they wish to pursue this credential.

FLEX 2 FIT
1 125 for students enrolled at a Pennsylvania location. 2 https://data.bls.gov/projections/occupationProj. Data reflects a national projected percentage change in employment from 2018-2028 and may not reflect local economic conditions.
3 Not including breaks. Assumes year-round, full-time enrollment. Additional program information may be found at https://www.devry.edu/online-programs.html.
## Bachelor's Degree Program

### Technical Management | Information Technology

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<th>ESSENTIALS</th>
<th>40 CREDIT HOURS</th>
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<tr>
<td>COMMUNICATION SKILLS</td>
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<tr>
<td>ENGL112³</td>
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<td>ENGL135</td>
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<td>HUMANITIES³</td>
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<tr>
<td>ETHC445</td>
<td>Principles of Ethics</td>
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<td>Technology, Society and Culture</td>
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<td>SOCIAL SCIENCES</td>
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<td>ECON312</td>
<td>Principles of Economics</td>
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<td>SOCS185³</td>
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<td>MATHEMATICS AND NATURAL SCIENCES</td>
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<td>MATH221</td>
<td>Statistics for Decision-Making</td>
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<td>SCI228¹</td>
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<td>ADDITIONAL GENERAL EDUCATION SELECTION</td>
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<td>COLL148</td>
<td>Critical Thinking and Problem-Solving</td>
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### PROGRAM

#### MANAGEMENT AND TECHNOLOGY
- **BIS245** Database Essentials for Business with Lab
- **MGMT404** Project Management

#### ELECTIVES
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.

- **BUSN369** International Business
- **BUSN412** Business Policy
- **MGMT408** Management of Technology Resources
- **SEC310** Principles and Theory of Security Management
- **WDG201** Visual Design Fundamentals
- **WDG210** Digital Imaging Fundamentals
- **WDG229** Information Design

### SENIOR PROJECT
- **BUSN460** Senior Project

### SPECIALIZED

#### INFORMATION TECHNOLOGY – NETWORKING FUNDAMENTALS
- **COMP230** Introduction to Scripting and Database with Lab
- **NETW191** Fundamentals of Information Technology and Networking
- **NETW211** Fundamentals of Cloud Computing
- **NETW230** Network Operating Systems – Windows, with Lab
- **NETW260** Intermediate Information Technology and Networking I
- **NETW270** Intermediate Information Technology and Networking II
- **SEC280** Principles of Information Systems Security
- **SEC440** Information Systems Security Planning and Audit

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¹ Students enrolled at a New Jersey location take ENGL108 in lieu of this course.
² Students enrolled at a Pennsylvania location must take POLI432 as part of this requirement.
³ Students enrolled at a Nevada location must take POLI332 as part of this requirement or the General Education Option.
⁴ Students enrolled at a New Jersey location may take PHYS204 or SCI200 to fulfill this requirement.

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In New York, DeVry University operates as DeVry College of New York. DeVry University is accredited by The Higher Learning Commission (HLC). 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: 1400 Crystal Dr., Ste. 120, Arlington, VA 22202. DeVry University is authorized for operation as a postsecondary educational institution by the Tennessee Higher Education Commission, www.tn.gov/thec. Nashville Campus: 3343 Perimeter Hill Dr., Nashville, TN 37211. Programs, course requirements and availability vary by location. Some courses may be available online only. All students enrolled in site-based programs will be required to take some coursework online and, for some programs and locations, a substantial portion of the program may be required to be completed online. DeVry's academic catalog, available via devry.edu/catalogs, contains the most current and detailed program information, including admission, progression and graduation requirements. Information contained herein is effective as of date of publishing. ©2020 DeVry Educational Development Corp. All rights reserved. Version 9/14/2020