



Program Outcomes Data for DeVry's CAC of ABET Accredited Programs

CAC of ABET Accredited Programs

- Associate of Applied Science in Information Technology and Networking
- Bachelor of Science in Computer Information Systems
- Bachelor of Science in Information Technology and Networking
- Bachelor of Science in Software Development



Program Overview

DeVry's Associate of Applied Science in Information Technology & Networking (AITN) program provides students with a background in essential technologies as applied to practical business and industry situations. The program addresses installing, configuring and securing information technology, computing and/or automated systems. The program offers tracks as shown in the program outline in DeVry's academic catalog.

Program Educational Objectives

Program educational objectives (PEOs) are broad statements that describe the skills graduates are expected to attain within a few years of graduation. PEOs are based on the needs of the program's constituents and are a requirement of Computing Accreditation Commission (CAC) of ABET accreditation. The program's PEOs are:

- Successfully support maintenance, installation and testing of information technology, computing, and/or automated systems.
- Communicate and collaborate effectively with individuals, teams, and artificial intelligence (AI).
- Exercise critical and systemic thinking, as well as ethical responsibility, in solving professional challenges.
- Remain abreast of developments in technology and society.

Student Outcomes

Student outcomes are the skills and abilities students are expected to demonstrate at graduation. These relate to the skills, knowledge, and behaviors that students acquire as they progress through the program. These outcomes map directly to the current Student Outcome Criteria prescribed by CAC of ABET. The program is designed to produce graduates who are able to:

- Analyze a broadly defined problem in the program's domain and apply principles of the discipline to identify solutions.
- Design and implement solutions to meet a given set of computing requirements in the context of the program's discipline.
- Communicate effectively in a variety of professional contexts.
- Recognize professional responsibilities and make informed judgments in computing practice based on appropriate legal and ethical principles.
- Function effectively as a member of a team engaged in activities appropriate to the program's discipline.

AITN Program Details

Degree: Associate of Applied Science in Information Technology and Networking (in Florida, Associate of Science in Information Technology and Networking)

Semesters: 4 full time

Minimum credit hours required for graduation: 60

Enrollment and Graduation Data

AITN Program	ENROLLMENT	GRADUATION		
	Fall 2024	2022-23	2023-24	2024-25
Main Campus (Lisle, IL) and all other U.S. locations	827	1,150	1,253	1,304

Program Overview

DeVry's Bachelor of Science in Computer Information Systems (BCIS) program is designed to prepare graduates to successfully join the workforce as technical and management professionals in various industries. BCIS graduates play essential roles on the business team, typically designing and implementing hardware and software solutions to business problems. They are also expected to possess knowledge, experience and skills that enable them to adapt to change in this dynamic field through a lifelong learning process. The program offers tracks as shown in the program outline in DeVry's academic catalog.

Program Educational Objectives

Program educational objectives (PEOs) are broad statements that describe the skills graduates are expected to attain within a few years of graduation. PEOs are based on the needs of the program's constituents and are a requirement of Computing Accreditation Commission (CAC) of ABET accreditation. The program's PEOs are:

- Successfully support maintenance, installation and testing of information technology, computing, and/or automated systems.
- Communicate and collaborate effectively with individuals, teams, and artificial intelligence (AI).
- Exercise critical and systemic thinking, as well as ethical responsibility, in solving professional challenges.
- Remain abreast of developments in technology and society.

Student Outcomes

Student outcomes are the skills and abilities students are expected to demonstrate at graduation. These relate to the skills, knowledge, and behaviors that students acquire as they progress through the program. These outcomes map directly to the current Student Outcome Criteria prescribed by CAC of ABET. The program is designed to produce graduates who are able to:

- Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions.
- Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
- Communicate effectively in a variety of professional contexts.
- Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
- Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
- Support the delivery, use, and management of systems within an information systems environment.
- Apply security principles and practices to maintain operations in the presence of risks and threats (for students in the program's Cyber Security Programming track only).

BCIS Program Details

Degree: Bachelor of Science in Computer Information Systems (in New York,
Bachelor of Professional Studies in Computer Information Systems)

Semesters: 8 full time

Minimum credit hours required for graduation: 124

Enrollment and Graduation Data

BCIS Program	ENROLLMENT	GRADUATION		
	Fall 2024	2022-23	2023-24	2024-25
Main Campus (Lisle, IL) and all other U.S. locations	1,513	286	296	339

Program Overview

DeVry's Bachelor of Science in Information Technology & Networking (BITN) program provides students with techniques and tools needed to systematically analyze organizations' operational and communications needs, and to provide effective information processing and networking solutions. The program addresses design, implementation, security and support of information technology (IT) systems. The program offers tracks as shown in the program outline in DeVry's academic catalog.

Program Educational Objectives

Program educational objectives (PEOs) are broad statements that describe the skills graduates are expected to attain within a few years of graduation. PEOs are based on the needs of the program's constituents and are a requirement of Computing Accreditation Commission (CAC) of ABET accreditation. The program's PEOs are:

- Support successful design, development, testing, and securing of technology-based systems.
- Communicate and collaborate effectively with individuals, teams, and artificial intelligence (AI).
- Exercise critical and systemic thinking, as well as ethical responsibility, in solving professional challenges.
- Contribute to society through a chosen field.
- Remain abreast of developments in technology and society.

Student Outcomes

Student outcomes are the skills and abilities students are expected to demonstrate at graduation. These relate to the skills, knowledge, and behaviors that students acquire as they progress through the program. These outcomes map directly to the current Student Outcome Criteria prescribed by CAC of ABET. The program is designed to produce graduates who are able to:

- Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions.
- Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
- Communicate effectively in a variety of professional contexts.
- Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
- Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
- Use systematic approaches to select, develop, apply, integrate, and administer secure computing technologies to accomplish user goals.
- Apply security principles and practices to maintain operations in the presence of risks and threats.¹

¹ For students in the program's Cyber Security track only.

BITN Program Details**Degree:** Bachelor of Science in Information Technology and Networking**Semesters:** 8 full time**Minimum credit hours required for graduation:** 120**Enrollment and Graduation Data**

BITN Program	ENROLLMENT	GRADUATION		
	Fall 2024	2022-23	2023-24	2024-25
Main Campus (Lisle, IL) and all other U.S. locations	1,231	106	163	240

Program Overview

DeVry's Bachelor of Science in Software Development (BSD) program prepares students to design, document, create, test, secure and perform ongoing maintenance of software products. Knowledge of computing and mathematics appropriate to developing software products is applied. The curriculum is designed to help students develop software and computing skills, as well as professional, social and ethical responsibilities associated with creating and deploying software systems. The program offers tracks as shown in the program outline in DeVry's academic catalog.

Program Educational Objectives

Program educational objectives (PEOs) are broad statements that describe the skills graduates are expected to attain within a few years of graduation. PEOs are based on the needs of the program's constituents and are a requirement of Computing Accreditation Commission (CAC) of ABET accreditation. The program's PEOs are:

- Support the successful practice of design, development and testing of software.
- Communicate and collaborate effectively with individuals, teams, and artificial intelligence (AI).
- Exercise critical and systemic thinking, and ethical responsibility, in finding solutions to professional challenges.
- Contribute to society through a chosen field.
- Remain abreast of developments in technology and society.

Student Outcomes

Student outcomes are the skills and abilities students are expected to demonstrate at graduation. These relate to the skills, knowledge, and behaviors that students acquire as they progress through the program. These outcomes map directly to the current Student Outcome Criteria prescribed by CAC of ABET. The program is designed to produce graduates who are able to:

- Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
- Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
- Communicate effectively in a variety of professional contexts.
- Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
- Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.

BSD Program Details**Degree:** Bachelor of Science in Software Development**Semesters:** 8 full time**Minimum credit hours required for graduation:** 120**Enrollment and Graduation Data**

BSD Program	ENROLLMENT	GRADUATION		
	Fall 2024	2022-23	2023-24	2024-25
Main Campus (Lisle, IL) and all other U.S. locations	602	53	83	107