CIAT
CALIFORNIA INSTITUTE OF APPLIED TECHNOLOGY

EARN YOUR DEGREE IN
CYBERSECURITY

Applied Bachelor's Degree in Computer Information Systems - Cybersecurity Concentration

Program Overview

Employers demand more than just a degree, and so should you. Build a strong foundation of hardware, software, networking, server and cloud administration skills to launch your IT career, then learn what it takes to detect, manage, and prevent cyber-attacks with advanced-level courses to specialize your career in the growing field of cybersecurity. Earn the most in-demand cybersecurity certifications along the way, such as CompTIA Security+, CISSP, Certified Ethical Hacker, and more. Build your confidence and learn career-ready, hands-on skills, with our unique at-home Build Your Own Computer and networking kits to complement your virtual class instruction and virtual labs.

35 Courses   **130 Credits**   **3.5 Years**

75% Technical Courses **25%** General Education Courses

Entry Requirements:

High School Diploma or GED *Transfer credits may be accepted.

Available Scholarships:

CIAT Bachelor's Scholarship, up to $15,000

Degree + Certifications

Employers in this field expect more than just a degree. *Earn up to 14 industry certifications along the way!*

- ✓ *Complimentary exam vouchers*
- ✓ *Unlimited exam attempts**
- ✓ *Test preparation software*

CompTIA   CISCO   Microsoft

amazon web services   EC-Council   ISC2

CIAT Virtual Classroom

100% Online Classes

Earn your degree on your own time, wherever you are, with online courses that work for your schedule.

Accelerated, Immersive Online Courses

Our rapid, 5 week courses allow students to learn and earn skills that will help them reach new heights.

Personalized Guidance

We provide our students with dedicated one-on-one support and personalized career services to ensure they are successful academically and professionally.

Contact Us   (877) 559-3621   ciat.edu   info@ciat.edu

Award-Winning Cybersecurity Degrees

CIAT has been awarded top ranking status in Intelligent.com's Best Cybersecurity Program review, highlighted as "Best For Industry Certifications".

BEST CYBER SECURITY PROGRAM · INTELLIGENT 2021 APPROVED · 2021 ·

2-Step Cybersecurity Bachelor's Degree

CIAT's 2-step Associate to Bachelor's IT Degree path helps you build your new career and grow your resume while completing your degree. Whether you're planning your first career step or advancing your skillset to the next level, CIAT's comprehensive Associate to Bachelor cybersecurity specialization track provides a launch pad to design your unique cybersecurity career path.

This scenario gives you a snapshot of what a career in cybersecurity could look like. From your first class, through graduation and beyond, CIAT is with you every step of the way.

Potential Cybersecurity Career Path

Entry Level Positions | 1 - 4 years
- Security Analyst, $70,000-$100,000
- Network Security Administrator, $70,000-$100,000
- Compliance Analyst, $70,000-$100,000
- Incident Reporter, $75,000-$115,000

Mid Level Positions | 3 - 7 years
- Penetration Specialist (Ethical Hacker), $85,000-$130,000
- Security Consultant, $80,000-$120,000
- Malware Analyst, $80,000-$120,000
- Security Engineer, $90,000-$130,000

Senior Level Positions | 5 - 10+ years
- Cybersecurity Architect, $120,000-$160,000
- Chief Information Security Officer, $150,000-$250,000

* Salaries listed are national averages and can vary significantly based on geographic location. Certain sectors, like finance and healthcare, may offer higher salaries. Having certifications can positively impact earning potential. This field is continually evolving, so staying updated with trends and technologies is crucial.

Financial Aid Options

Federal Grants & Loans
- FAFSA

Military Benefits
- Post 9/11 GI Bill® Benefits*
- Yellow Ribbon Program
- Active Duty Tuition Assistance
- Military Spouse Funding (MyCAA)
- Vocational Rehab & Employment

Private Loans
- Sallie Mae
- Flexible monthly payment plans

Scholarships
- Merit-based & Financial Need Scholarships
- CIAT Bachelor's Scholarship
- Industry Scholarship
- Women in Tech Scholarship

CIAT Bachelor's Scholarship, up to $15,000

**TUITION: $85,800
- $15,000*
$70,800**

Graduation Requirements

All students enrolled in any of the Computer Information Systems (CIS) programs are required to earn one or more industry certifications depending on the program. Students can earn any of the offered certifications to meet these requirements, allowing you to choose the certifications that best align with your career goals.

We at CIAT do everything we can to help you study for a prepare for your certification exams. This includes a one-of-a-kind unlimited certification exam policy, allowing you peace of mind to take the exam as many times as needed. We also offer certification exam practice software, live online small group workshops, complimentary bootcamps, live one-on-one tutoring and additional resources.

Most exams in the CIAT curriculum are included in our unique Unlimited Certification Exam Policy. A few exclusions do apply.

Program	1 Industry Certification	2 Industry Certifications	3 Industry Certifications
Certificate in Computer Information Systems	✓		
Associate of Applied Science Degree in Computer Information Systems	✓	✓	
Applied Bachelor's Degree in Computer Information Systems	✓	✓	✓

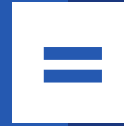The benefits of earning industry certifications extend far beyond show casing your knowledge. Employers hiring for IT positions today demand more than a degree, they expect candidates to come with resumes stacked with industry certifications. Getting certified help you stay ahead of your competition, position yourself for higher salaries, and demonstrate to your employer that you have the skills needed for the job.

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Degree + **Certifications** = **Student Success**

The 3 Steps to Student Success:

Employers hiring for IT positions today demand more than a degree, they expect candidates to come with resumes stacked with industry certifications. Getting certified helps you stay ahead of your competition, position yourself for higher salaries, and demonstrate to your employer that you have the skills needed for the job. At CIAT, we do everything we can to help you get certified, which includes extending our one-of-a-kind unlimited certification policy to all eligible, active students.

1

Coursework

Learn from industry-certified instructors through live classes and hands-on labs. Build your technical skills and conquer the technical concepts before you prepare for the exam.

Study for Certification Exam

Our most successful students study several hours each week on top of their coursework to prepare for certification exams. CIAT provides complimentary 4 day bootcamps during term breaks, practice exam software, workshops, and live test prep tutoring for all students.

2

3

Pass Certification Exam

Once you reach 90% or higher on two practice exams, you are ready to take the exam. You will receive a voucher from CIAT, schedule your exam, and report your results to CIAT. If you fail your exam, CIAT offers an unlimited certification exam policy to all eligible students for up to 180 days after graduation to take the exam as many times as needed in order to pass.

Most exams in the CIAT curriculum are included in our unique Unlimited Certification Exam Policy. A few exclusions do apply.

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Why Earn Industry Certifications?

Employers hiring for IT positions today demand more than a degree, they expect candidates to come with resumes stacked with industry certifications. Getting certified helps you:

- Enhance your resume
- Be more competitive in the job market
- Earn higher salaries
- Demonstrate your skills and value to your employer

The CIAT Approach:

Industry certification exams are difficult exams, and many students do not pass on their first attempt. To help student success rates, we encourage all students to study several hours each week on top of their courses and take advantage of CIAT's complimentary support and unlimited number of exam vouchers. CIAT offers:

- Certification workshops
- Complimentary 4 day bootcamps during term breaks
- Live test prep tutoring
- Practice exam software
- Unlimited certification exam policy

Industry Certifications:

Applied Bachelor's Degree in Computer Information Systems - Cybersecurity Track

CompTIA Tech+	CompTIA A+	CompTIA Network+	CompTIA Security+	Microsoft CERTIFICATION EXAM AZ-900	Microsoft CERTIFIED AZURE ADMINISTRATOR ASSOCIATE	aws certified Cloud Practitioner
CompTIA Linux+	CISCO CERTIFIED CCNA	CISCO CERTIFIED DEVNET Associate	aws certified Security Specialty	Microsoft CERTIFIED AZURE SECURITY ENGINEER ASSOCIATE	C|EH Certified Ethical Hacker	CISSP®

APPLIED BACHELOR'S DEGREE IN COMPUTER INFORMATION SYSTEMS (BACIS) - CYBERSECURITY TRACK

PROGRAM ID	#BACIS
LENGTH	175 Weeks, SOC Code: 11-3021
CREDITS	130 Credits (750 Lab Hours; 1575 Lecture Hours)

ASSOCIATE DEGREE - CORE COURSES

ID	CLASS	CREDITS
CIS100A	Computer Fundamentals	4
CIS100B	Principles of Information systems	4
CIS154	OS Fundamentals	4
CIS101A	Computer Hardware Fundamentals	4
CIS101B	Computer Operating Systems	4
CIS102A	Networking Fundamentals, Part 1	4
CIS102B	Networking Fundamentals, Part 2	4
CIS120A	Cybersecurity Fundamentals Part 1	4
CIS120B	Cybersecurity Fundamentals Part 2	4
CIS130	Azure Cloud Fundamentals	4
CIS131	Azure Cloud Administration	4
CIS132	AWS Foundations	4

ASSOCIATE DEGREE - GENERAL EDUCATION COURSES

ID	CLASS	CREDITS
ENG	Literature, Technical Writing, or Public Speaking	3
MTH	College Algebra or Statistics	3 - 4
MTH	Pre-Calculus, Calculus 1, or Calculus 2	4
SBS	Psychology, Sociology, or Economics	3
SCI	Chemistry, Biology, or Physics	3

BACHELOR DEGREE - CORE COURSES

ID	CLASS	CREDITS
CIS230A	Introduction to Linux	4
CIS230B	Linux Administration	4
CIS270A	Cisco Networking Part 1	4
CIS270B	Cisco Networking Part 2	4
CIS280A	DevNet Associate Part 1	4
CIS280B	DevNet Associate Part 2	4

BACHELOR DEGREE - CYBERSECURITY CONCENTRATION ELECTIVES

SEC340A	Certified Ethical Hacker, Part 1	4
SEC340B	Certified Ethical Hacker, Part 2	4
SEC350A	Advanced Network Security CISSP, Part 1	4
SEC350B	Advanced Network Security CISSP, Part 2	4
CLD331	AWS Security Foundations	4

CLD332	Microsoft Azure Security Technologies	4
SEC400	Senior Project*	4

*Course order will vary. Students are required to complete a total of 28 credits, including the required SEC400. CLD331 and CLD332 require prerequisite completion of CIS130, CIS131, CIS132 and CIS133.

BACHELOR DEGREE - GENERAL EDUCATION COURSES

ENG	Literature, Technical Writing, or Public Speaking	3
AHS305	Technology, Society and Culture	3
AHS310	Professional Practice in Ethics	3
PPD300	Critical Thinking and Problem Solving	3
PPD305	Career and Technology	2

In order to graduate from California Institute of Applied Technology and receive their Applied Bachelor's Degree in Computer Information System the student must successfully: 1. Complete the 12 core lower division technical courses (48 credit hours) with an overall average GPA of minimum 2.0. 2. Complete 6 core upper division technical courses (24 credit hours) with an overall average GPA of minimum 2.0. 3. Complete 7 upper division technical elective courses (28 credit hours) with an overall average GPA of minimum 2.0. 4. Complete a minimum of 30 semester hours of approved General Education courses with an overall average GPA of minimum 2.0. 5. These courses may be completed by: a. Successfully completing the course at California Institute of Applied Technology. A minimum of 36 semester hours must be completed in this manner. b. Transferring credit from an accredited institution of higher learning. A maximum 94 semester hours may be completed in this manner. c. Challenge Exam of up to eight courses (32 semester hours). Each successfully challenged course will be subtracted from the allowed transfer credits.