



# CIAT

CALIFORNIA INSTITUTE OF APPLIED TECHNOLOGY



# EARN YOUR DEGREE IN CLOUD ADMINISTRATION

## Applied Bachelor's Degree in Computer Information Systems – Cloud Concentration

### Program Overview

Employers demand more than just a degree, and so should you. Build a strong foundation of hardware, software, networking, and security skills to launch your IT career, then learn what it takes to deploy, maintain, and secure enterprise-level cloud based environments to specialize your career in the growing field of IT cloud administration. Earn up to 16 industry certifications, including the most in-demand cloud certifications, such as AWS Cloud Practitioner, Azure Security Engineer, and Google Cloud Engineer. 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**



**16 Industry Certifications**

**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 16 industry certifications along the way!**

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



### CIAT Virtual Classroom



#### Additional Student Resources

Learn to build your own computer at home in CIAT's foundational courses with At-Home Computer Build Kits. Students also benefit from a Networking Kit, Virtual Cloud Labs, and Cisco Modeling Labs.



#### 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.



We have high standards and we believe you should too. CIAT has proudly earned accreditation from the Accrediting Council for Continuing Education & Training (ACCET) listed by the U.S. Department of Education as a nationally recognized accrediting agency.

Contact Us



(877) 559-3621



ciat.edu



info@ciat.edu



## 2-Step IT Cloud Administration Bachelor's Degree

When it comes to landing your dream job, CIAT will be there to help you every step of the way. Our Career Services team will support you with personalized career coaching, resume building, LinkedIn profile optimization, job placement assistance, and more. 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 cloud administration specialization track provides a launch pad to design your unique IT career path.

### Our Career Services Team



#### Who We Are

We are a team of dedicated professionals with extensive experience in career advising and development.



#### Why We're Different

We offer personalized career support designed to meet your unique needs. We prioritize relationship-building and offer ongoing support at every stage of your career journey.



#### How We Help

We offer a wide range of services including resume writing, interview preparation, career exploration, and more.



#### Our Goal

To empower our students for lifelong career success by providing comprehensive support and resources for their professional development.

## Financial Aid Options

### Federal Grants & Loans

- FAFSA (Associate Only)\*

### 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**

To ensure the best completion outcomes, CIAT delivers this degree using a 2 + 2 approach, facilitating students to earn an Associate of Applied Science in Computer Information Systems (or equivalent transferable Associates level degree) prior to taking upper division courses. FAFSA eligibility is currently restricted to Step 1 (Associate's level) of the 2 Step Associates to Bachelor's path.

\* GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at <https://www.benefits.va.gov/gibill>. CIAT is approved to offer VA benefits. \*Financial aid is available for those who qualify. \*Students are encouraged to take certification exams while actively enrolled in their Certificate or Degree program. Unlimited certification exam attempts expire 180 days after graduation. Select exams are not eligible for unlimited retakes - see certification exam policy for details. Certifications or courses may change to address industry trends or improve quality.



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## 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.



**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.*



## 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 - Cloud Track

							
							

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

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

**ASSOCIATE DEGREE - CORE COURSES**

<b>ID</b>	<b>CLASS</b>	<b>CREDITS</b>
<b>CIS100A</b>	Computer Fundamentals	<b>4</b>
<b>CIS100B</b>	Tech+ Fundamentals	<b>4</b>
<b>CIS154</b>	Windows Fundamentals	<b>4</b>
<b>CIS101A</b>	Computer Hardware Fundamentals	<b>4</b>
<b>CIS101B</b>	Computer Operating Systems	<b>4</b>
<b>CIS102A</b>	Networking Fundamentals, Part 1	<b>4</b>
<b>CIS102B</b>	Networking Fundamentals, Part 2	<b>4</b>
<b>CIS120A</b>	Cybersecurity Fundamentals, Part 1	<b>4</b>
<b>CIS120B</b>	Cybersecurity Fundamentals, Part 2	<b>4</b>
<b>CIS130</b>	Azure Cloud Fundamentals	<b>4</b>
<b>CIS131</b>	Azure Cloud Administration	<b>4</b>
<b>CIS132</b>	AWS Foundations	<b>4</b>

**ASSOCIATE DEGREE - GENERAL EDUCATION COURSES**

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

**BACHELOR DEGREE - CORE COURSES**

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

**BACHELOR DEGREE - CLOUD CONCENTRATION ELECTIVES**

<b>CIS133</b>	AWS Architecting	<b>4</b>
<b>CLD330</b>	AWS Operations	<b>4</b>
<b>CLD331</b>	AWS Security Foundations	<b>4</b>
<b>CLD332</b>	Microsoft Azure Security Technologies	<b>4</b>
<b>CLD333</b>	AWS Databases	<b>4</b>

<b>CLD334</b>	AWS Developing	<b>4</b>
<b>CLD335</b>	Google Cloud Engineer	<b>4</b>
<b>CSP400</b>	Cloud Security Project*	<b>4</b>

\*Course order will vary. Students are required to complete a total of 28 credits, including the required CSP400. CLD331 - CLD335 require prerequisite completion of CIS130, CIS131, CIS132 and CIS133.

### BACHELOR DEGREE - GENERAL EDUCATION COURSES

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

Graduation requirements:

- 80% or higher cumulative attendance
- 2.0 or higher cumulative GPA
- 3 industry certifications earned