CIAT
CALIFORNIA INSTITUTE OF APPLIED TECHNOLOGY

EARN YOUR DEGREE IN CLOUD COMPUTING

Applied Bachelor's Degree in Cloud Computing

Program Overview

The Applied Bachelor's Degree in Cloud Computing offered by CIAT is a career-focused program designed to prepare graduates to architect, deploy, secure, and manage modern cloud infrastructures across enterprise environments. The degree emphasizes hands-on mastery of leading platforms such as AWS, Microsoft Azure, and Google Cloud, while integrating core competencies in networking, Linux administration, automation, scripting, DevOps practices, cybersecurity, compliance, and cost optimization.

Students develop real-world proficiency through lab-intensive coursework aligned to industry certifications and workforce demands, gaining experience with infrastructure as code, containerization, monitoring, identity and access management, and high-availability design.

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 16 industry certifications along the way!***

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

CompTIA, Microsoft, cisco, amazon web services, Google

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.

ACCET

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

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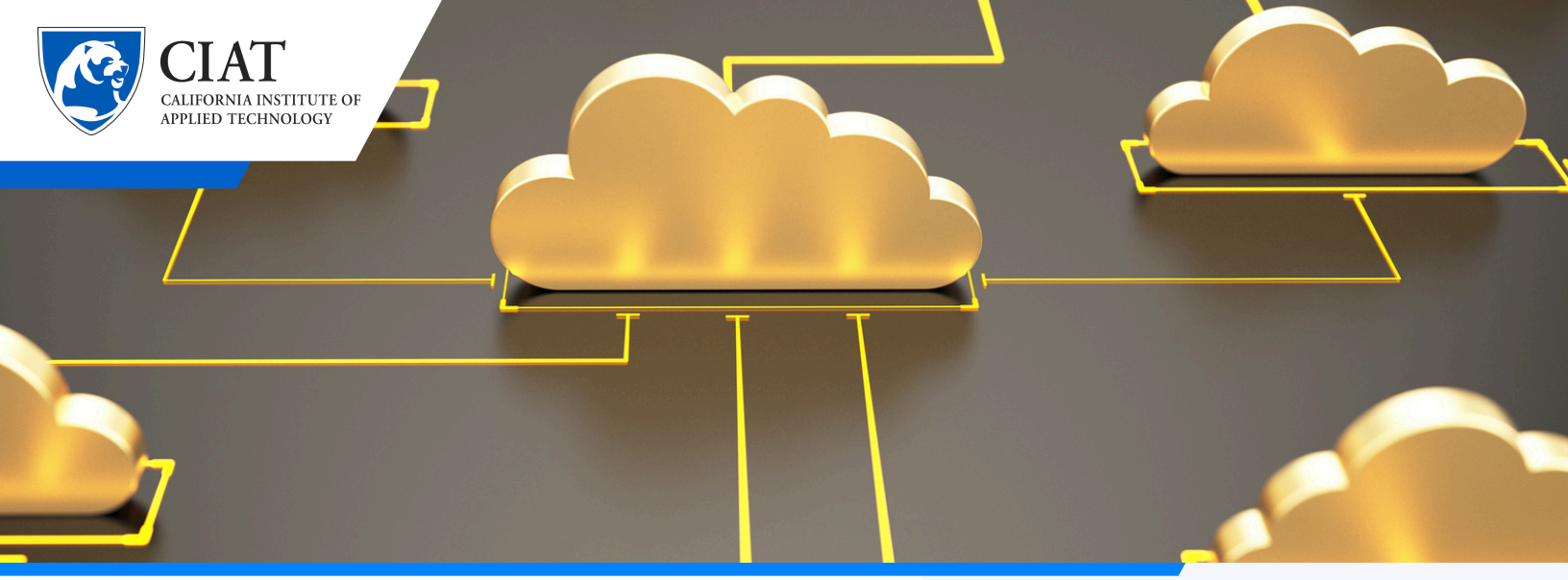

Your Path to Success Starts Here

At CIAT, you can earn more than just a cloud computing degree: you can gain expertise, marketable skills, and hands-on experience across AWS, Azure, and Google Cloud that will help you stand out in today's job market. We offer flexible, live online classes that are perfect for working adults, one-on-one tutoring, unlimited access to workshops and support, and personalized career services, to help you achieve your academic and professional goals.

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.

- ACCET has initiated a pilot to accredit applied bachelor's degree programs. Full bachelor's-level accreditation is pending Department of Education approval. All other programs remain ACCET-accredited. Title IV eligibility is currently limited to lower-division (associate-level) coursework within the 2-Step Associate-to-Bachelor's pathway. Alternative financing options are available.

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

*This program is currently pending VA and Title IV approval

Employer Benefits

- CIAT Workforce Grant
- CIAT Tuition Match

Scholarships

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

- Cost Per Credit: $660
- Total Credits: 130
- Total Tuition: $85,800

CIAT has awarded over $5M in scholarships.
One could be yours. See if you qualify.

- Your final tuition cost will vary based on credits transferred from other institutions, and potential scholarships applied. Our Admissions and Financial Aid team will prepare a personal financial aid projection with tips on how to maximize your educational investment, plan your ROI, and reduce out of pocket expenses.

- 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.

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Earn More Than a Degree with Industry Certifications

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.

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Earn More Than a Degree with Industry Certifications

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:

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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 CCNA Automation	aws certified CloudOps Engineer Associate	aws certified Security Specialty	Microsoft Certified Cloud and AI Security Engineer Associate	aws certified Solutions Architect Associate	aws certified Developer Associate	Google Cloud Certified Associate Cloud Engineer

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PROGRAM ID	#BACC
LENGTH	175 WEEKS
CREDITS	130 CREDITS (750 LAB HOURS; 1575 LECTURE HOURS)

Courses

COURSE LISTING: LOWER DIVISION COURSES — CREDITS REQUIRED: 48

COURSE ID	COURSE TITLE	CREDITS
CIS100A	COMPUTER FUNDAMENTALS	4
CIS100B	TECH+ FUNDAMENTALS	4
CIS154	WINDOWS 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

COURSE LISTING: UPPER DIVISION COURSES — CREDITS REQUIRED: 24

COURSE ID	COURSE TITLE	CREDITS
CIS230A	INTRODUCTION TO LINUX	4
CIS230B	LINUX ADMINISTRATION	4
CIS270A	CISCO NETWORKING, PART 1	4
CIS270B	CISCO NETWORKING, PART 2	4
CIS280A	CCNA AUTOMATION, PART 1	4
CIS280B	CCNA AUTOMATION, PART 2	4

COURSE LISTING: UPPER DIVISION ELECTIVE COURSES — CREDITS REQUIRED: 28

COURSE ID	COURSE TITLE	CREDITS
CIS133	AWS ARCHITECTING	4
CLD330	AWS OPERATIONS	4
CLD331	AWS SECURITY FOUNDATIONS	4
CLD332	MICROSOFT CLOUD AND AI SECURITY TECHNOLOGIES	4
CLD334	AWS DEVELOPING	4
CLD335	GOOGLE CLOUD ENGINEER	4
OCI200	ORACLE CLOUD INFRASTRUCTURE AND DATABASE	4
OCI201	ORACLE CLOUD SOLUTION PLATFORM AND EDGE	4

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Courses

COURSE LISTING: UPPER DIVISION ELECTIVE COURSES — CREDITS REQUIRED: 28

COURSE ID	COURSE TITLE	CREDITS
OCI202	ORACLE CLOUD GOVERNANCE AND ADMINISTRATION	4
OCI203	ORACLE CLOUD ADVANCED TOPICS	4
SN200	INTRODUCTION TO SERVICENOW	4
SN201	SERVICENOW ADMINISTRATION	4
CSP400	CLOUD SECURITY SENIOR PROJECT	4

COURSE LISTING: GENERAL EDUCATION COURSES — CREDITS REQUIRED: 30

ENGLISH LANGUAGE, COMMUNICATION & CRITICAL THINKING
6 CREDITS REQUIRED

ENG200	TECHNICAL WRITING	3
ENG201	CRITICAL THINKING AND PROBLEM SOLVING	3
ENG210	PUBLIC SPEAKING	3

MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING
7 CREDITS REQUIRED

MTH105	COLLEGE ALGEBRA	3
MTH140	STATISTICS	3
MTH201	PRE-CALCULUS	4
MTH205	CALCULUS 1	4
MTH210	CALCULUS 2	4

ARTS AND HUMANITIES
6 CREDITS REQUIRED

AHS305	TECHNOLOGY, SOCIETY, AND CULTURE	3
AHS310	PROFESSIONAL PRACTICE IN ETHICS	3

SOCIAL AND BEHAVIORAL SCIENCES
3 CREDITS REQUIRED

SBS110	INTRODUCTION TO PSYCHOLOGY	3
SBS120	SOCIOLOGY	3
SBS201	ECONOMICS	3

NATURAL PHYSICAL SCIENCES
3 CREDITS REQUIRED

SCI120	GENERAL BIOLOGY	3
SCI130	PRINCIPLES OF CHEMISTRY	3
SCI140	GENERAL PHYSICS	3

PERSONAL AND PROFESSIONAL DEVELOPMENT
5 CREDITS REQUIRED

PPD300	CRITICAL THINKING AND PROBLEM SOLVING	3
PPD305	CAREER AND TECHNOLOGY	2

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.

Graduation requirements: 80% or higher cumulative attendance. 2.0 or higher cumulative GPA. 3 industry certifications earned.