



CIAT

CALIFORNIA INSTITUTE OF
APPLIED TECHNOLOGY

AI

KICKSTART YOUR IT CAREER

GET CERTIFIED

Certificate in AI and Machine Learning

Program Overview

This modern certificate program is for experienced IT professionals seeking to master cutting-edge AI technologies and enterprise implementation strategies. Going beyond basic machine learning concepts, students will focus on sophisticated AI applications, enterprise-scale deployments, and strategic implementation of emerging technologies like generative AI.

Unlike entry-level programs, this curriculum emphasizes complex problem-solving, architectural decisions, and enterprise integration challenges that senior AI practitioners face in real-world implementations.



7 Courses



2 Industry Certifications



28 Credits

Certifications

Earn up to 2 industry certifications along the way!

Earn your IT industry certifications *while* earning your degree, and graduate career-ready:

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



Entry Requirements:

Prior industry experience needed:

- 2+ years of professional experience in an IT or equivalent role
- Exposure to Cloud (AWS, Azure, Google)

CIAT Virtual Classroom



At-Home Computer Build Kits

Learn to build your own computer at home in CIAT's foundational courses with At-Home Computer Build Kits.



Accelerated, Immersive Online Courses

Accelerated 5-week live immersive classes keep you focused on learning one topic at a time.



Real-World Career Preparation

Classes are designed to boost your technical confidence and ensure you graduate career-ready.



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



First Step To A New Career

When advancing in your career development, CIAT is committed to assisting you every step of the way. Our Career Services team prioritizes your professional and personal growth, working with students to secure employment opportunities across various industries and with different recruiters. Whether you're starting your education and career journey, considering a career shift, already employed, or transitioning from military service, our Career Advisors are dedicated to providing you with the necessary tools for success.

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

Private Loans

- Sallie Mae
- Flexible monthly payment plans

Scholarships

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

TUITION: \$18,480



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:

Certificate in AI and Machine Learning



CERTIFICATE IN AI AND MACHINE LEARNING

PROGRAM ID	#CIAML	
LENGTH	35 weeks	
CREDITS	28 Credits (210 Lab Hours; 315 Lecture Hours)	
ID	CLASS	CREDITS
ASD 101A	Python Fundamentals, Part 1	4
ASD 101B	Python Fundamentals, Part 2	4
CAI 101	Python for Data Science	4
CAI 102	Intro to AI and Machine Learning, Part 1	4
CAI 103	Intro to AI and Machine Learning, Part 2	4
CAI 104	Introduction to Generative Artificial Intelligence	4
CAI 105	Azure AI Fundamentals	4

In order to graduate from California Institute of Applied Technology and receive their Certificate in AI and Machine Learning, the student must successfully: 1. Complete the four core courses (16 Semester Credit Hours) with an overall average GPA of minimum 2.0. These courses may be completed by: a. Successfully completing the course at California Institute of Applied Technology. A minimum of one course must be completed in this manner. b. Transferring credit, up to two courses (8 semester credit hours) from an accredited institution of higher learning. c. Challenge Exam of up to one course. Each successfully challenged course will be subtracted from the allowed transfer credits.