CIAT
CALIFORNIA INSTITUTE OF APPLIED TECHNOLOGY

KICKSTART YOUR IT CAREER

GET CERTIFIED

Certificate in AI and Machine Learning

Program Overview

This modern certificate program is designed for experienced IT professionals looking to stay ahead in the ever evolving fields of artificial intelligence and machine learning.
Going beyond basic concepts, the curriculum delivers expertise in sophisticated AI applications, enterprise-scale deployments, and strategic implementation of emerging technologies such as generative AI and natural language processing. Through practical, hands-on learning experiences, students develop proficiency in complex problem-solving, architectural decision-making, and enterprise integration—directly addressing the challenges that today's AI practitioners and professionals encounter 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:
Prior experience required: 2+ years of professional IT experience or degree equivalent.

CIAT Virtual Classroom

Personalized Learning

Small class sizes led by industry experts for a hands-on personalized learning experience

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.

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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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

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

Employer Benefits
- CIAT Workforce Grant
- CIAT Tuition Match

Cost Per Credit: $660

Total Credits: 28

Total Tuition: $18,480

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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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.

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

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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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aws certified AI Practitioner FOUNDATIONAL	Microsoft CERTIFIED AZURE AI FUNDAMENTALS

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CERTIFICATE IN AI AND MACHINE LEARNING

PROGRAM ID	#CAIML
LENGTH	35 weeks
CREDITS	28 Credits (210 Lab Hours; 315 Lecture Hours)

ID	CLASS	CREDITS
ASD101A	Python Fundamentals, Part 1	**4**
ASD101B	Python Fundamentals, Part 2	**4**
CAI101	Python for Data Science	**4**
CAI102	Introduction to Predictive Artificial Intelligence	**4**
CAI103	Natural Language Processing and Transformer Models	**4**
CAI104	Introduction to Generative Artificial Intelligence	**4**
CAI105	Azure AI Fundamentals	**4**

Graduation requirements:

- 80% or higher cumulative attendance
- 2.0 or higher cumulative GPA