

Customized Offerings for Your Organization

For organizations seeking a deeper, more personalized experience, Caltech CTME offers custom programs designed around your strategic goals. We work closely with you to tailor every aspect—from content and instruction to delivery methods and schedules. Programs often include behind-the-scenes lab tours, exclusive lectures from Caltech scientists and engineers, and immersive visits to the Jet Propulsion Laboratory (JPL), which Caltech manages for NASA. Whether on campus, at your location, or online, each program is a high-impact, co-designed experience that transforms capability, builds leadership pipelines, and energizes teams across engineering, R&D, and innovation functions.

To support your learners, we create dedicated, branded portals for your Caltech program offerings—making enrollment and access seamless. We accommodate vouchers, credit cards, and direct invoicing. Participants retain access to recorded sessions and course materials through our learning management system.

Discover More

Please reach out to Mike Ash, Director at maash@caltech.edu. You can also visit our website, ctme.caltech.edu.



Team Learning, Amplified

When you send a small team of two to six to a Caltech CTME public program, discounted pricing may be available. Teams benefit from shared learning experiences while networking with professionals across industries. Public courses are offered live online, on-demand/hybrid, and—selectively—on campus.

Like our custom programs, participants earn Continuing Education Units (CEUs), which often qualify for tuition assistance or reimbursement through their employers.

“Caltech has created a sort of ‘unicorn’ for us. They’ve developed a compelling program that is unique, timely, and tailored. It stands apart from other university programs. The timing is critical for us because we don’t have the luxury of waiting for fresh engineers from multi-year graduate programs. Current demands necessitate rapid capability development.”

— Steve Cook
Northrop Grumman

OVERVIEW

Caltech CTME Professional & Executive Development

ctme.caltech.edu



About Our Programs

Where Innovation Meets Impact

At Caltech's Center for Technology and Management Education (Caltech CTME), we design professional development experiences that bridge the worlds of advanced technology and practical leadership.

Our programs help engineering and technical leaders deepen expertise, expand influence, and lead with confidence in fast-evolving environments. Each program is short but intensive—focused, immersive, and designed for immediate application without long time away from work.

Whether you join a public certificate program or bring custom training into your organization, you'll learn from seasoned industry experts, world-class faculty, and leading researchers. These are not academic exercises—they're immersive, applied learning experiences built to drive results and spark new thinking.



“Our custom strategic marketing program with Caltech gave me the right perspective to help drive significant improvements to a challenged business in my portfolio. With a customer-first mindset and standard tools across the company, our approach to problem-solving has been a game-changer for us.”

— Chris Tevis
VP, Halliburton



Explore More Options

Artificial Intelligence

Apply AI to real-world problems with hands-on labs and tools like Python, CoLab, and AWS. Explore topics such as predictive modeling, MLOps, and generative/agent AI across technical and business applications.

Systems Engineering/MBSE

Develop a systems mindset and foster a culture of holistic thinking to manage complexity across the product lifecycle. Explore proven methods for architecture, integration, and risk management—then apply digital practices like MBSE using SysML and CATIA Magic.

Digital Transformation & Strategy

Lead digital reinvention by aligning strategy, data, and emerging tech. Explore digital twins, IoT, and smart infrastructure—while shaping scalable, forward-looking solutions for complex technical enterprises.

Innovation

Activate innovation through structured creativity and strategic foresight. These programs help teams generate bold ideas, explore lateral thinking techniques, and translate emerging concepts into viable, desirable, and feasible solutions. Ideal for R&D, product, and innovation leads shaping what's next.

Leadership & Communications

Enhance your leadership presence, influence, and clarity in communication. Develop skills for leading change, inspiring teams, and conveying complex ideas to executives, engineers, and stakeholders alike.

Technology & Product Marketing

Position technical products with strategic messaging and customer insight. Learn to align features with value, craft compelling narratives, and connect innovation to competitive advantage in complex markets.

Technical Project Management

Master the delivery of bold, mission-critical projects through modern PM skills, systems approaches, and collaborative methods. Ideal for scientists, engineers, and technical managers driving agile execution at scale.

Executive Programs

Caltech CTME offers high-impact programs for senior leaders and boards navigating tech-driven change. From strategic overviews to technical immersions, each experience is tailored to elevate decision-making, accelerate innovation, and align leadership with emerging technologies and opportunities.