

Industrial and Emerging Tech

CTE Certification

“Industrial and Emerging Technologies” means audiovisual communications technologies/technicians; graphic communications; cosmetology and personal grooming services; electrical engineering technologies/technicians; electromechanical instrumentation and maintenance technologies/technicians; environmental control technologies/technicians; industrial production technologies/technicians; quality control and safety technologies/technicians; mechanical engineering related technologies/technicians; mining and petroleum technologies/technicians; construction engineering technologies; engineeringrelated technologies; computer engineering technologies/technicians; drafting/design engineering technologies/technicians; security and protective services; mason/masonry; carpenters; electrical and power transmission installers; building/construction finishing, management and inspection; electrical/electronics maintenance and repair technology; heating, air conditioning, ventilation and refrigeration maintenance technology/technician; heavy/industrial equipment maintenance technologies; precision systems maintenance and repair technologies; vehicle maintenance and repair technologies; precision metal working; construction/heavy equipment/earthmoving equipment operation; design and visual communications, general; commercial and advertising art; industrial design; commercial photography; and visual performing arts.

[Guidance on CTE Teacher Certification](#)

ADE CTE Approved Programs:

Air Transportation	Electronic Technologies
Aircraft Mechanic	Emergency Medical Services (also Health Careers)
Architectural Drafting	Engineering
Automation and Robotics	Film and TV Production
Automotive Collision Repair	Fire Service
Automotive Technologies	Graphic Design
Bioscience (also Health Careers or Agriculture)	Heating, Ventilation, and Air Conditioning
Cabinetmaking	Heavy Equipment Operations
Carpentry	Law and Public Safety
Construction Technologies	Mechanical Drafting
Cosmetology	Music and Audio Production
Diesel Engine Repair	Network Security
Digital Animation	Precision Machining
Digital Communications	Software and App Design (also Business and Marketing)
Digital Photography	Stagecraft
Digital Printing	Technology Devices Maintenance (also Business and Marketing)
Electrical & Power Transmission	Welding Technologies
Electronics Drafting	

[ADE CTE Programs and Standards](#)