

CALIFORNIA COMMUNITY COLLEGES

IT TECHNICIAN PATHWAY



Start your IT career in a matter of months

TRAINING



CERTIFICATIONS



EXPERIENCE

Many entry-level jobs in information technology (IT) don't require a 4-year degree. Get training, get certified and get a job.



PHASE 1

Computer Retail Sales

Learn fundamental IT, business and customer service skills by taking the first six IT Technician Pathway courses and the CompTIA A+ Certification exam.



PHASE 2

Help Desk / User Support

Learn about computer networks, client and server operating systems, and cyber-security, preparing you for key industry certifications, and job opportunities in Help Desk/User Support.



PHASE 3

IT Technician

Phase 3 adds advanced networking and system administration course work and certifications, which can lead to higher skilled, and better paying IT positions.



PHASE 4

IT Specialization

Specialization areas allow you to build upon prior experience, training and certifications by taking courses that teach highly marketable job skills, in Cybersecurity and Networking.

It all links together for a career in IT.

<https://ict-dm.net/ittp>

IT TECHNICIAN PATHWAY



The California Community College IT Technician Pathway program describes an effective balance of training, certifications and experience to develop IT Professionals without a 4-year degree...

James Brady, PhD, FHIMSS, Chief Information Officer, Kaiser Permanente Orange County, Information Technology



	COURSE	CERTIFICATION	JOB
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PHASE 1	<ul style="list-style-type: none"> • Introduction to Retail or Business Fundamentals • Customer Service/Human Relations • Business Communications • Microsoft Office Essentials • Information & Communications Technology Essentials • Business Information Systems/Computer Information Systems 	▶ A+	Computer Retail Sales
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PHASE 2	<ul style="list-style-type: none"> • Computer Network Fundamentals • Systems and Network Administration (Network Operating Systems) • Installing, Configuring, and Administering a Microsoft OS • Introduction to Information Security Systems 	<ul style="list-style-type: none"> ▶ Network+ ▶ MCSA Server 2016 ▶ MCTS: Win 10 ▶ Security+ 	Help Desk/User Support
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PHASE 3	<ul style="list-style-type: none"> • Routing & Switching Essentials • Installing, Configuring, and Administering Linux Operating System • Introduction to Scripting (Python/PowerShell) 	<ul style="list-style-type: none"> ▶ Cisco CCENT ▶ Linux+ 	IT Technician
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	CYBERSECURITY SPECIALIST	CERTIFICATION	JOB
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PHASE 4 - SPECIALIZATIONS	• Principles of Cybersecurity Analysis	▶ CySA+	Computer Security Analyst
	• Introduction to Computer Forensics Investigations	▶ IACIS CFCE	Computer Forensic Investigator
	• Introduction to Cybersecurity: Ethical Hacking	▶ EC Council CEH	Penetration Tester
	• Implementing Cisco Network Security	▶ CCNA Security	Network Security Specialist
	• Certified Information Systems Security Professional	▶ CISSP	Cybersecurity Consultant

	IT NETWORKING SPECIALIST	CERTIFICATION	JOB
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PHASE 4 - SPECIALIZATIONS	• CCNA Scaling Networks	▶ CCNA Routing & Switching	Network Administrator
	• CCNA Connecting Networks	▶ CCNA Routing & Switching	Network Administrator
	• Cisco Wireless Network Fundamentals	▶ CCNA Wireless	Wireless Network Administrator
	• Firewall Essentials	▶ Palo Alto Networks ACE	Network Engineer

See www.ict-dm.net/ittp for more information.