

## Examples of Voluntary Industry Certifications in IT and Healthcare for Community Colleges

With many industry certifications available, it is difficult for community colleges to identify those that might be relevant to align or embed in their academic programs. This document provides a starting point by listing examples of voluntary industry certifications in information technology (IT) and healthcare that can be aligned or embedded with community college certificate or degree programs. The list does not include certifications that may that be used or required to obtain state licensure. Many, but not all, of these certifications are either accredited by the <a href="ANSI National Accreditation Board">ANSI National Accreditation Board</a> (ANAB) or the <a href="Institute for Credentialing Excellence National Commission of Certifying Agencies">Agencies</a> (NCCA).<sup>1</sup>

For this list, certifications are defined as credentials that have three components: (1) a standardized exam, (2) required renewal, and (3) the ability to be revoked for incompetence or unethical behavior.<sup>2</sup>

## **IT Certifications**

<b>Certification Body</b>	Certification	Relevant Academic Discipline
Amazon Web Services	AWS Certified Cloud Practitioner	IT Systems
(AWS)		Cloud Computing
	AWS Solutions Architect Associate	Information Technology
CompTIA	<u>A+</u> *	Information Technology
		IT Support
	Cloud+*	Information Technology
		Cloud Computing
	Cloud Essentials+	Information Technology
		Cloud Computing
	Cybersecurity Analyst (CySA+)*	Cybersecurity
	<u>Linux+</u> *	Information Technology
		IT Systems
		Networking
	Network+*	Information Technology
		Networking
	PenTest+*	Information Technology
		Cybersecurity
	Security+*	Information Technology
		Cybersecurity
	Server+	Information Technology

<sup>&</sup>lt;sup>1</sup> The certifications that are accredited by ANAB are indicated with a "\*" and those accredited by NCCA are indicated with a "o".

<sup>&</sup>lt;sup>2</sup> See more details about certifications and other credentials in Workcred's "How Do Credentials Differ?" chart: <a href="https://workcred.org/Interactive-Graphics/How-Do-Credentials-Differ.aspx">https://workcred.org/Interactive-Graphics/How-Do-Credentials-Differ.aspx</a>.



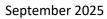
Certification Body	Certification	Relevant Academic Discipline
Cisco	Cisco Certified Network Associate	Information Technology
	(CCNA)*	Networking
	Cisco Certified Support Technician	Information Technology
	(CCST) Cybersecurity	Cybersecurity
	Cisco Certified Field Technician (CCT)	Information Technology
	Cisco Certified Support Technician	Information Technology
	(CCST) IT Support	IT Support
	Cisco Certified Support Technician	Information Technology
	(CCST) Networking	Networking
EC-Council/International	Certified Ethical Hacker (CEH)*	Information Technology
Council of E-Commerce		Cybersecurity
<u>Consultants</u>		
Global Information	GIAC Security Essentials (GSEC)*	Information Technology
Assurance Certification (GIAC)		Cybersecurity
ISC2	Certified in Cybersecurity (CC)*	Information Technology
		Cybersecurity
Microsoft	GitHub Foundations	IT Systems
		Cloud Computing
	Microsoft Certified: Azure AI	IT Systems
	<u>Fundamentals</u>	Cloud Computing
	Microsoft Certified: Azure Data	IT Systems
	<u>Fundamentals</u>	Cloud Computing
	Microsoft Certified: Security,	Information Technology
	Compliance, and Identity Fundamentals	Cybersecurity

## **Healthcare Certifications**

Certification Body	Certification	Relevant Academic Discipline
American Association of Medical Assistants (AAMA)	Certified Medical Assistant (CMA AAMA)°	Medical Assisting
AAPC	Certified Professional Coder (CPC)	Medical Coding Health Information Technology
American Health Information Management Association (AHIMA)	Certified Coding Associate (CCA)	Medical Coding Health Information Technology



<b>Certification Body</b>	Certification	Relevant Academic Discipline
	Certified Coding Specialist (CCS)	Medical Coding
		Health Information Technology
	Certified Coding Specialist - Physician	Medical Coding
	Based (CCS-P)	Health Information Technology
American Medical	Clinical Medical Assistant Certification	Allied Health
Certification Association	(CMAC)°	Medical Assistant
(AMCA)		
	Medical Coder and Biller Certification	Medical Coding
	(MCBC)°	Health Information Technology
	Phlebotomy Technician Certification	Allied Health
	(PTC)°	Phlebotomy
American Medical	Certified Medical Laboratory Assistant	Allied Heath
Technologists (AMT)	(CMLA)°	Medical Laboratory Assistant
	Medical Administrative Specialist	Allied Health
	(CMAS)°	Medical Administration
	Medical Laboratory Technician (MLT)°	Allied Health
		Medical Laboratory Technician
	Registered Medical Assistant (RMA)°	Allied Health
		Medical Assistant
	Registered Phlebotomy Technician	Allied Health
	(RPT)°	Phlebotomy
		Nursing
American Society of	Phlebotomy Technician (PBT ACSP)*	Allied Health
Clinical Pathologists		Phlebotomy
(ASCP) Board of Certification (BOC)		Nursing
	Histotechnician (HT ASCP)*	Biology
		Chemistry
	Medical Laboratory Assistant (MLA	Allied Health
	ASCP)*	Medical Laboratory Assistant
	Medical Laboratory Technician (MLT	Allied Health
	ASCP)*	Medical Laboratory Technician
Behavior Analyst	Registered Behavioral Technician (RBT)*	Behavioral Health/Science
Certification Board (BACB)		Human Services





Certification Body	Certification	Relevant Academic Discipline
Cardiovascular Credentialing International (CCI)	Certified Cardiographic Technician (CCT)*	Allied Health
	Certified Rhythm Analysis Technician (CRAT)*	Allied Health
Inteleos	Registered Diagnostic Medical Sonographer (RDMS)*3	Allied Health
Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO)	Certified Ophthalmic Assistant (COA)*	Allied Health Ophthalmic Assistant
	Certified Ophthalmic Technician (COT)*	Allied Health Ophthalmic Assistant
National Board for Certification in Occupational Therapy (NBCOT)	Certified Occupational Therapy Assistant (COTA)°	Occupational Therapy Assistant
National Board for Respiratory Care (NBRC)	Certified Respiratory Therapist (CRT)°	Allied Health
National Board of Surgical Technology and Surgical Assisting (NBSTSA)	Certified Surgical Technologist (CST)°	Surgical Technology
National Healthcareer Association (NHA)	Certified Billing and Coding Specialist (CBCS)°	Medical Coding Health Information Technology
	Certified Clinical Medical Assistant (CCMA)°	Medical Assistant
	Certified Phlebotomy Technician (CPT)°	Phlebotomy Nursing
	Certified Pharmacy Technician (CPhT)°	Pharmacy Technician
Nuclear Medicine Technology Certification Board (NMTCB)	Certified Nuclear Medicine Technologist (CNMT)°	Nuclear Medical Technology
Pharmacy Technician Certification Board (PTCB)	Certified Pharmacy Technician (CPhT)°	Pharmacy Technician

<sup>&</sup>lt;sup>3</sup> This certification also requires the completion of a specialty certification in abdomen, breast, fetal echocardiography, OB/GYN, or pediatric sonography.