

**Glossary of Terms, Acronyms, and Phrases** *Sorted Alphabetically Within Domain:  
Education, Skills/Talent, Technology*

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**EDUCATION (A-Z)**

504 Plan - Education accommodations under Section 504  
AACRAO - American Association of Collegiate Registrars and Admissions Officers  
Academic Program - A defined course of study leading to a credential  
Accreditation - Formal recognition of educational quality  
Articulation Agreement - Agreement for credit transfer between institutions  
Bridge Program - Program designed to support academic transitions  
Caliper - Standard for learning analytics  
CASE - Competency and Academic Standards Exchange  
CEDS - Common Education Data Standards  
CIP - Classification of Instructional Programs  
CLR - Comprehensive Learner Record  
Comparable - Describes a course or credential that is sufficiently similar in learning outcomes or content  
Common Cartridge - Standard for educational content packaging  
Common Course Number - A shared numbering system used across institutions to indicate aligned or equivalent courses  
Competency-Based Education - Education based on demonstrated mastery  
Credit Articulation - Mapping credit across institutions  
Credit for Prior Learning - Recognition of non-classroom learning  
Credit Hour - Unit of measurement for educational credit  
Crosswalk - A tool or table used to show relationships between different standards, codes, or curricula  
CTDL - Credential Transparency Description Language  
CTE - Career and Technical Education  
Dual Enrollment - College courses taken in high school  
EDU - Common abbreviation for 'education' or used in .edu domain names for educational institutions  
Equivalency - Recognition that two or more courses or credentials are of equal value or content  
FERPA - Family Educational Rights and Privacy Act  
GEAR UP - Gaining Early Awareness and Readiness for Undergraduate Programs  
GEOCODE – a shared community based institutional provider identify registry developed by PESC members.  
GED - General Educational Development  
IEP - Individualized Education Program  
IPEDS - Integrated Postsecondary Education Data System  
LMS - Learning Management System  
Learning Opportunity - A structured learning experience  
Learning Pathway - A sequence of learning experiences  
LEA - Local Education Agency

LTI - Learning Tools Interoperability  
MTSS - Multi-Tiered System of Supports  
NACUBO - National Association of College and University Business Officers  
NSC - National Student Clearinghouse  
OER - Open Educational Resources  
OneRoster - Standard for rostering data  
OpenBadges - Digital credentialing format  
OPEID - Office of Postsecondary Education Identifier  
P20 - Preschool through graduate school and workforce – a lifelong learning continuum encompassing early childhood through adult education and career readiness  
PESC - Postsecondary Electronic Standards Council  
PESC XML - XML data format for education exchange  
PLA - Prior Learning Assessment  
PLAR - Prior Learning Assessment and Recognition  
Precedent - A prior decision or course evaluation used to inform future transfer or credit decisions  
QTI - Question and Test Interoperability  
RAISE - Reimagining Aid Design and Evaluation  
Registrar - Office handling academic records  
Remediation - Non-credit instruction to build foundational skills  
Reverse Transfer - Granting associate degrees retroactively  
RTI - Response to Intervention  
SCED - School Courses for the Exchange of Data  
SEA - State Education Agency  
SEVIS - Student and Exchange Visitor Information System  
SIS - Student Information System  
Taxonomy - Classification system (e.g., SCED, CIP)  
Term - A fixed length of academic time (e.g., semester, quarter) during which courses are delivered  
Thin Common Cartridge - Simplified version of Common Cartridge  
Transcript - Record of a student's academic performance  
Transfer Agreement - Formal contract outlining how credits transfer between institutions  
Transfer Credit - Academic credit accepted from another institution  
TS130 - Transcript standard from PESC  
TRIO - Federal outreach programs for disadvantaged students

### **SKILLS / TALENT / WORKFORCE (A-Z)**

Apprenticeship - A formal program that combines on-the-job training with classroom instruction, typically in skilled trades or technical fields  
ATS - Applicant Tracking System  
Career Pathway - Series of education and training leading to a career  
CLR - Comprehensive Learner Record  
Co-Op - Cooperative education program that integrates academic studies with paid, practical work experience  
Competency Framework - System to define job-related capabilities  
Competency-Based Hiring - Hiring based on demonstrated skills

Credential Alignment - Matching credentials to workforce needs  
Credential Engine - Organization advancing credential transparency  
Digital Badge - Visual representation of a skill or achievement  
Digital Wallet - Tool to store credentials securely  
DOL - Department of Labor  
Employer-Validated - Endorsed by industry for relevance  
Equity Audit - Review of fairness in access and outcomes  
Experiential Learning - Learning through direct experience, such as internships, service learning, simulations, or project-based activities  
Hard Skills - Technical, teachable skills  
HRIS - Human Resource Information System  
ILOs - Institutional Learning Outcomes  
Inclusive Hiring - Hiring practices that reduce bias  
Internship - Short-term work experience opportunity  
ISLO - Institutional Student Learning Outcomes  
Job Architecture - Framework for defining job roles and progression  
Job Ready - Individual prepared for entry into workforce  
LER - Learning and Employment Record  
Mentor - An experienced individual who provides guidance and support  
Microcredential - Small, focused credential for a specific skill  
NAICS - North American Industry Classification System  
O\*NET - Occupational Information Network  
ReSkilling - Training to shift into a new occupation  
Registered Apprenticeship - Paid, structured workforce training  
SHRM - Society for Human Resource Management  
Skill Gap Analysis - Identification of missing skills for roles  
Skill Tagging - Assigning metadata to learning resources  
Skills Taxonomy - Structured classification of skills  
Soft Skills - Non-technical skills like communication or teamwork  
Stackable Credential - Credential that builds toward higher credentials  
Talent Marketplace - Platform for matching talent with opportunities  
Talent Signal - Verified indicator of skill or experience  
UpSkilling - Training to enhance current skills  
WIOA - Workforce Innovation and Opportunity Act  
Work-Based Learning - Learning through work experiences  
WorkKeys - Assessments for workplace skills

## **TECHNOLOGY (A-Z)**

AI - Artificial Intelligence  
ASCII Character Set - American Standard Code for Information Interchange  
Bar Code - A machine-readable representation of data  
Canonical Model - Standard model for data exchange  
Chatbot - Automated conversational agent  
CI/CD - Continuous Integration / Continuous Delivery  
CLI - Command Line Interface  
Cloud Computing - On-demand computing services

Containerization - Packaging software for portability  
CRM - Customer Relationship Management  
CPU - Central Processing Unit  
Data Dictionary - A centralized repository of information about data  
Data Fabric - Architecture for unified data access  
Data Lake - Storage for structured and unstructured data  
Data Table - A structured collection of related data entries  
Data Warehouse - Centralized data repository  
DevOps - Development and IT operations collaboration  
DNS - Domain Name System  
DW - Data Warehouse  
EDI - Electronic Data Interchange  
Edge Computing - Processing at or near the data source  
Embedding - Numeric representation of data  
Encryption - Securing data with cryptography  
ERP - Enterprise Resource Planning  
Event Messaging - Communication via discrete events  
ETL - Extract, Transform, Load process  
GPU - Graphics Processing Unit  
HEX - Hexadecimal – base-16 number system  
HTML - HyperText Markup Language  
HTTP - HyperText Transfer Protocol  
HTTPS - Secure HTTP  
IDE - Integrated Development Environment  
IP Address - Numeric identifier for networked devices  
JSON - JavaScript Object Notation  
JSON-LD - JSON for Linked Data  
JWT - JSON Web Token  
LDS - Longitudinal Data System  
LLM - Large Language Model  
Middleware - Software that connects applications  
Microservices - Small, independent services  
ML - Machine Learning  
NLP - Natural Language Processing  
OCR - Optical Character Recognition  
OAuth - Authorization protocol for APIs  
ODS - Operational Data Store  
Open Source - Software with freely available source code  
OWL - Web Ontology Language  
PKI - Public Key Infrastructure  
Prompt Engineering - Crafting inputs to guide AI output  
Pub/Sub - Publish/Subscribe messaging model  
QR Code - Quick Response Code  
RAM - Random Access Memory  
RDF - Resource Description Framework  
REST - Representational State Transfer  
SAML - Security Assertion Markup Language

Schema - Structured data organization model  
SDK - Software Development Kit  
SOAP - Simple Object Access Protocol  
SPARQL - Query language for RDF data  
SSD - Solid State Drive  
SSO - Single Sign-On  
Tokenization - Text processing for language models  
Version Control - Managing changes in code  
Virtualization - Simulating hardware environments  
WebAuthn - Standard for web authentication  
XML - eXtensible Markup Language