

FRAMEWORK Resources

The framework and standards were developed through a comprehensive synthesis of information from multiple authoritative sources, ensuring alignment with industry best practices and emerging advancements. This framework considers Career and Technical Education (CTE) plans of study, Common Core, post-secondary curricula, credentialing agency objectives and competencies, and existing secondary frameworks from various school districts nationwide. Additionally, guidance from professional and pre-professional organizations was integrated to reflect current industry standards, regulatory compliance, and innovative trends shaping the field. This approach ensures that the framework is both foundational and forward-thinking; preparing students for entry-level employment, certification opportunities, and post-secondary education.

General Sources

Bloom's Verb Chart <https://tips.uark.edu/blooms-taxonomy-verb-chart/#gsc.tab=0>

NMPED CTE Common Core

<chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.srca.nm.gov/wp-content/uploads/attachments/06.029.0003.pdf>

Advance CTE Framework <https://careertech.org/career-clusters/>

Old Advance CTE Framework

NMPED Plans of Study

<chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://webnew.ped.state.nm.us/wp-content/uploads/2024/09/2024-2025-CTE-Approved-POS.pdf>

NPED CTE Student Industry Credential Codes

<https://webnew.ped.state.nm.us/bureaus/information-technology/stars-manual/stars-cte-student-industry-credential-template/>

College Navigator <https://nces.ed.gov/collegenavigator/>

ONET <https://www.onetonline.org/>

OSHA (Careersafe) <https://www.careersafeonline.com/>

Sources by Subcluster

Data Science & AI

Advance CTE Framework <https://careertech.org/career-clusters/>

ONET <https://www.onetonline.org/>

Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>

College Navigator <https://nces.ed.gov/collegenavigator/>

Google Data Analytics https://grow.google/certificates/en_us/certificates/data-analytics/?utm_source=bing&utm_medium=paidsearch&utm_campaign=gcc_b_c&utm_content=bk_exa_data&utm_term=google%20data%20analytics&msclkid=f260f3046a091e6b5e2b943d82455336

AI4All <https://ai-4-all.org/>

Data Science for Everyone <https://www.datascience4everyone.org/high-school-curriculum-alignment>

Technical Student Association Competitive Events Guide <https://tsaweb.org/>

Computer Science Teacher's Association Standards <https://csteachers.org>

IT Support Services

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
CompTIA <https://www.comptia.org/certifications>
Skills USA Competition Technical Standards <https://www.skillsusa.org/>
FBLA Competitive Event Guidelines <https://www.fbla.org/>

Network & Cybersecurity

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
CompTIA <https://www.comptia.org/certifications>
FBLA Competitive Event Guidelines <https://www.fbla.org/>
Skills USA Competition Technical Standards <https://www.skillsusa.org/>
Cyber.org <https://cyber.org/standards>
Computer Science Teacher's Association Standards <https://csteachers.org>

Software Solutions

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
CompTIA <https://www.comptia.org/certifications>
Technical Student Association Competitive Events Guide <https://tsaweb.org/>
Code.org [Code.org](https://code.org)

Web & Cloud

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
Certiport <https://certiport.pearsonvue.com/Certifications/ITSpecialist/Certification/Certify.aspx>
Code.org [Code.org](https://code.org)
FBLA Competitive Event Guidelines <https://www.fbla.org/>
CompTIA <https://www.comptia.org/certifications>

Unmanned Vehicle Systems

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
FAA Drone Study Guide
chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.faa.gov/sites/faa.gov/files/regulations_policies/handbooks_manuals/aviation/remote_pilot_study_guide.pdf
Association for Unmanned Vehicle Systems International <https://www.auvsi.org/>

Early Childhood

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
New Mexico Common Core Content- Educator <https://www.newmexicokids.org/>
New Mexico Child Development Certificate <https://www.newmexicokids.org/>
American Association of Family & Consumer Sciences Pre PAC Program <https://www.aafcs.org/>

Teaching, Training, Facilitation

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
American Association of Family & Consumer Sciences Pre PAC Program <https://www.aafcs.org/>
Cambridge English Teaching Framework <https://www.cambridgeenglish.org/>
National Board for Professional Teaching Standards <https://www.nbpts.org/>
Learning Forward Standards for Professional Learning learningforward.org
Educators Rising <https://educatorsrising.org/>

Education Administration

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
American Association of Family & Consumer Sciences Pre PAC Program <https://www.aafcs.org/>
Learning Forward Standards for Professional Learning learningforward.org
National Policy Board for Educational Administration Standards for Educational Leadership
<https://www.npbea.org/>
Educators Rising <https://educatorsrising.org/>

Learner Support & Community Engagement

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
American Association of Family & Consumer Sciences Pre PAC Program <https://www.aafcs.org/>
Educators Rising <https://educatorsrising.org/>
National Association for Families, School and Community Engagement Report <https://nafscce.org/>
Learning Forward Standards for Professional Learning learningforward.org
American School Counselor Association Standards in Practice <https://www.schoolcounselor.org/>
All4Ed <https://all4ed.org/>

Business Information Management

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>

College Navigator <https://nces.ed.gov/collegenavigator/>
National Business Education Association <https://nbea.org/?>
International Institute of Business Analysis <https://www.iiba.org/>

Certiport (Microsoft Office Specialist Certification) <https://certiport.pearsonvue.com/Certifications/Microsoft/MOS/Overview.aspx>
CompTIA <https://www.comptia.org/certifications/datasys>
FBLA Competitive Event Guidelines <https://www.fbla.org/>

Leadership & Operations

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
Certiport (Microsoft Office Specialist) <https://certiport.pearsonvue.com/>
FBLA Competitive Event Guidelines <https://www.fbla.org>
Skills USA Technical Standards <https://www.skillsusa.org>
National Business Education Association <https://nbea.org>

Entrepreneurship & Small Business

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
Certiport (Entrepreneurship & Small Business) <https://certiport.pearsonvue.com/>
FBLA Competitive Event Guidelines <https://www.fbla.org>
Skills USA Technical Standards <https://www.skillsusa.org>
National Business Education Association <https://nbea.org>

Project Management

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
Certiport (Entrepreneurship & Small Business) <https://certiport.pearsonvue.com/>
FBLA Competitive Event Guidelines <https://www.fbla.org>
Skills USA Technical Standards <https://www.skillsusa.org>
National Business Education Association <https://nbea.org>
Project Management Institute <https://www.pmi.org/>
CAPM Exam <https://www.pmi.org/>

Architecture & Civil Engineering

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
Project Lead the Way <https://www.pltw.org/>
Certiport – Autodesk Certified User-AutoCAD Exam <https://certiport.pearsonvue.com/>

SkillsUSA Technical Standards <https://www.skillsusa.org>
National Association of Home Builders <https://www.nahb.org/>

Construction Planning & Development

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
National Center for Construction Education and Research
American Institute of Constructors <https://aic-builds.org/>
OSHA-Construction <https://www.careersafeonline.com/>
Construction Management Association of America <https://www.cmaanet.org/>
SkillsUSA Technical Standards <https://www.skillsusa.org>

Equipment Operation & Maintenance

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
OSHA-Construction <https://www.careersafeonline.com/>
National Center for Construction Education & Research <https://www.nccer.org/>
Associated General Contractors of America <https://www.agc.org/>
American Rental Association <https://ararental.org/>

Skilled Trades

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
OSHA-Construction <https://www.careersafeonline.com/>
National Center for Construction Education & Research <https://www.nccer.org/>
SkillsUSA Technical Guidelines <https://www.skillsusa.org>

Accommodations

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
American Hotel & Lodging Educational Institute <https://ahlei.servsafebrands.com/>
Hospitality Technology <https://hospitalitytech.com/>
DECA Performance Indicators <https://www.deca.org>
SkillsUSA Technical Guidelines <https://www.skillsusa.org>

Conferences & Events

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>

Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
American Hotel & Lodging Educational Institute <https://ahlei.servsafebrands.com/>

Professional Convention Management Association <https://www.pcma.org/>
Meeting Professionals International <https://www.mpi.org/>
DECA Performance Indicators <https://www.deca.org/>

Culinary & Food Service

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
ServSafe <https://www.servsafe.com/>
American Culinary Federation <https://www.acfchefs.org/>
National Restaurant Association Educational Foundation- Pro Start
<https://chooserestaurants.org/programs/prostart/>
DECA Performance Indicators <https://www.deca.org/>
SkillsUSA Technical Guidelines <https://www.skillsusa.org>

Travel & Leisure

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
American Hotel & Lodging Educational Institute <https://ahlei.servsafebrands.com/>
Destination International <https://destinationsinternational.org/>
DECA Performance Indicators <https://www.deca.org/>
SkillsUSA Technical Guidelines <https://www.skillsusa.org>

Behavioral Health

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
Behavior Analyst Certification Board/BACB <https://www.bacb.com/>
American Psychological Association/APA <https://www.apa.org/>
National Association of Social Workers <https://www.socialworkers.org/>
Mental Health First Aid <https://www.mentalhealthfirstaid.org/>
National Board for Certified Counselors/NBCC <https://nbcc.org/>
Health Occupations Students of America/HOSA, hosa.org
Family, Career and Community Leaders of America/FCCLA <https://fcclainc.org/>

Biotechnology Research & Development

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>

OSHA Laboratory Safety <https://www.osha.gov/laboratories>
National Consortium for Health Science Education <https://www.healthscienceconsortium.org/>
Biotechnology Innovation Organization <https://www.bio.org/>
National Center for Biotechnology Information <https://www.ncbi.nlm.nih.gov/>
Health Occupations Students of America [hosa.org](https://www.hosa.org)
Skills USA Technical Standards <https://www.skillsusa.org>

Community & Social Services

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
National Academy for State Health Policy <https://www.nmhealth.org/>
TRAIN New Mexico, NM Department of Health <https://www.train.org/nm>
American Public Health Association <https://www.apha.org/>
National Association of Social Workers <https://www.socialworkers.org/>
Mental Health First Aid <https://www.mentalhealthfirstaid.org/>
Health Occupations Students of America/HOSA [hosa.org](https://www.hosa.org)
Family Career and Community Leaders of America/FCCLA <https://fcclainc.org/>

Health Data & Administration

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
National Consortium for Health Sciences Education <https://www.healthscienceconsortium.org/>
American Association of Medical Assistants <https://www.aama-ntl.org>
American College of Healthcare Executives <https://www.ache.org/>
American Health Information Management Association <https://www.ahima.org/>
New Mexico Department of Health <https://www.nmhealth.org/>
Health Occupations Students of America [hosa.org](https://www.hosa.org)
Skills USA Technical Standards <https://www.skillsusa.org>

Personal Care Services

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>
Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
New Mexico Regulation and Licensing Department <https://www.rld.nm.gov>
American Association of Cosmetology Schools <https://myaacs.org/>
Professional Beauty Association <https://www.probeauty.org/>
Modern Salon <https://www.modernsalon.com/>
Skills USA Technical Standards <https://www.skillsusa.org>

Physical & Holistic Health

Advance CTE Framework <https://careertech.org/career-clusters/>
ONET <https://www.onetonline.org/>

Labor Market Navigator <https://careerpathways-nm.com/explore-career-clusters>
College Navigator <https://nces.ed.gov/collegenavigator/>
American Nurses Association <https://www.nursingworld.org/>

National Consortium for Health Sciences Education <https://www.healthscienceconsortium.org/>
New Mexico Nurse Aide Candidate Handbook <https://www.hdmaster.com/>
D&S Diversified Technologies LLP <https://www.hdmaster.com/>
New Mexico Department of Health <https://www.nmhealth.org/>
Health Occupations Students of America hosa.org
Skills USA Technical Standards <https://www.skillsusa.org>