Nevada CTE

Teaching and Training (2021)

INTEGRATE CAREER AND TECHNICAL STUDENT ORGANIZATIONS (CTSOs)* 1.0

1 EXPLORE THE HISTORY AND ORGANIZATION OF CTSOS 1.1

1. Discuss the requirements of CTSO participation/involvement as described in Carl D. Perkins Law 1.1.1
2. Research nationally recognized CTSOs 1.1.2
3. Investigate the impact of federal and state government regarding the progression and operation of CTSOs (e.g., Federal Statutes and Regulations, Nevada Administrative Code [NAC], Nevada Revised Statues [NRS]) 1.1.3

2 DEVELOP LEADERSHIP SKILLS 1.2

1. Discuss the purpose of parliamentary procedure 1.2.1
2. Demonstrate the proper use of parliamentary procedure 1.2.2
3. Differentiate between an office and a committee 1.2.3
4. Discuss the importance of participation in local, regional, state, and national conferences, events, and competitions 1.2.4
5. Participate in local, regional, state, or national conferences, events, or competitions 1.2.5
6. Describe the importance of a constitution and bylaws to the operation of a CTSO chapter 1.2.6

3 PARTICIPATE IN COMMUNITY SERVICE 1.3

1. Explore opportunities in community service-related work-based learning (WBL) 1.3.1
2. Participate in a service learning (program related) and/or community service project or activity 1.3.2
3. Engage with business and industry partners for community service 1.3.3

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4 DEVELOP PROFESSIONAL AND CAREER SKILLS 1.4

1. Demonstrate college and career readiness (e.g., applications, resumes, interview skills, presentation skills) 1.4.1
2. Describe the appropriate professional/workplace attire and its importance 1.4.2
3. Investigate industry-standard credentials/certifications available within this Career Cluster™ 1.4.3
4. Participate in authentic contextualized instructional activities 1.4.4
5. Demonstrate technical skills in various student organization activities/events 1.4.5

5 UNDERSTAND THE RELEVANCE OF CAREER AND TECHNICAL EDUCATION (CTE) 1.5

1. Make a connection between program standards to career pathway(s) 1.5.1
2. Explain the importance of participation and completion of a program of study 1.5.2
3. Promote community awareness of local student organizations associated with CTE programs 1.5.3

EXAMINE CAREERS AND PROFESSIONAL PRACTICES 2.0

1 EXPLORE POSTSECONDARY OPTIONS AND CAREER PATHWAYS 2.1

1. Analyze career paths, opportunities, and benefits of pursuing careers in Teaching and Training 2.1.1
2. Research teaching and training careers, credentials, certifications, degrees, salaries, benefits, and work environments 2.1.2
3. Assess the personal qualities and abilities to be effective in teaching and training careers 2.1.3

2 EXAMINE ETHICAL STANDARDS AND PROFESSIONAL PRACTICES 2.2

1. Demonstrate ethical practices (e.g., confidentiality, impartiality, equity, privacy, etc.) 2.2.1
2. Evaluate ethical standards and regulations established by employers or affiliated associations (e.g., Model Code of Ethics for Educators, State Performance Measures, Society of Human Resources Management Code of Ethics, Association Contracts, etc.) 2.2.2
3. Analyze ethical dilemmas and determine courses of action 2.2.3
4. Explore various methods of advocacy 2.2.4
5. Discuss the significance and value of Teaching and Training careers for the community 2.2.5

ANALYZE FOUNDATIONS OF EDUCATION 3.0

1 EXPLORE THE HISTORY OF EDUCATION 3.1

1. Describe the contributions of influential historical figures in education (e.g., Benjamin Franklin, Thomas Jefferson, Horace Mann, John Dewey, Maria Montessori, etc.) 3.1.1

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2 Describe the evolution of public and private schools including past and present educational trends 3.1.2

3 Examine the evolution of educational policies (e.g., Nevada Law, Nevada Constitution, Federal Law, etc.) 3.1.3

2 EVALUATE THEORIES OF DEVELOPMENT AND LEARNING 3.2

1 Explain developmental domains (i.e., cognitive, physical, social-emotional) 3.2.1

2 Compare and contrast theories of development and learning (e.g., Piaget, Erikson, Gardner, Maslow, Vygotsky, etc.) 3.2.2

3 Apply knowledge of developmental theories to meet the learner's individual needs 3.2.3

4 Explain factors that impact a person's ability to learn (e.g., environmental, biological, developmental, etc.) 3.2.4

3 INVESTIGATE EDUCATIONAL PHILOSOPHIES AND APPROACHES 3.3

1 Analyze educational philosophies (e.g., Constructivism, Behaviorism, Progressivism, etc.) 3.3.1

2 Analyze educational approaches (e.g., Montessori, Waldorf, STEM/STEAM, etc.) 3.3.2

3 Utilize teaching methods that reflect specific philosophies and approaches 3.3.3

ASSESS DIVERSE LEARNERS AND THE EDUCATION ENVIRONMENT 4.0

1 EXAMINE SOCIAL, CULTURAL, ECONOMIC, AND POLITICAL INFLUENCES 4.1

1 Analyze the causes of academic achievement gaps 4.1.1

2 Examine the history of race and class in the American education system 4.1.2

3 Examine the knowledge, skills, and culture that the diverse learner brings to education 4.1.3

2 DEMONSTRATE CULTURALLY RESPONSIVE/RESPECTFUL TEACHING 4.2

1 Create experiences that address the diversity of the learning community 4.2.1

2 Demonstrate the ability to connect educational content to diverse populations of learners 4.2.2

3 Create safe and respectful learning environments for all learners 4.2.3

DESIGN INSTRUCTION 5.0

1 PLAN FOR INSTRUCTION 5.1

1 Analyze the types of information included in the educational standards for the state 5.1.1

2 Distinguish the difference between content standards and objectives 5.1.2

3 Explain the relationship between pacing guides, course plans, and instructional units 5.1.3

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)EVELOP LESSON PLANS 5.2

1. Utilize the diverse learner's prior knowledge, skills, experiences, languages, and culture in instructional planning 5.2.1
2. Examine the components of an effective lesson plan 5.2.2
3. Develop educational objectives for diverse learners 5.2.3
4. Develop effective lesson plans to include differentiation to meet all students' needs 5.2.4
5. Utilize differentiated instruction in lesson planning 5.2.5

3 EVALUATE INSTRUCTIONAL METHODS 5.3

1. Identify the characteristics and uses of specific types of instructional methods 5.3.1
2. Develop specific components of the lesson using appropriate instructional strategies 5.3.2
3. Explain the role of the teacher in developing critical thinking skills, appropriate questions, and metacognition 5.3.3

4 EXPLORE APPROPRIATE USES OF TECHNOLOGY 5.4

1. Evaluate instructional technology trends 5.4.1
2. Determine different types of technology integration (e.g., applications, equipment, learning management systems, instructional materials, etc.) 5.4.2
3. Compare and contrast benefits and limitations of technology in the learning environment 5.4.3
4. Model digital citizenship in lesson development (e.g. data privacy, ethics, security, etc.) 5.4.4

5 ANALYZE ASSESSMENT PRACTICES 5.5

1. Recognize the value of assessment for learning impact and improvement 5.5.1
2. Utilize different types of assessment technology tools 5.5.2
3. Create examples of assessments based on student learning objectives (e.g. data privacy, ethics, security, etc.) 5.5.3
4. Describe the rationale teachers use when choosing appropriate assessment strategies 5.5.4
5. Develop improvement plans based on assessment results 5.5.5
6. Discuss the role of grading in relation to assessment 5.5.6

MANAGE THE LEARNING ENVIRONMENT 6.0

1 EXPLORE MANAGEMENT PRACTICES AND PROFESSIONAL COMPLIANCE 6.1

1. Discuss the meaning and importance of management of the learning environment 6.1.1

Explore the foundational theorists of managing the learning environment (e.g., Skinner, Redl and Wattenberg, Kounin, Dreikurs, etc.) 6.1.2

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3 Analyze management of the learning environment using scenarios and strategies for all learners 6.1.3

4 Distinguish the components of a management plan. (e.g., planning, rules, procedures, discipline, consistency, etc.) 6.1.4

2 CREATE SAFE LEARNING ENVIRONMENTS 6.2

1 Create a physically, emotionally, and intellectually safe and effective learning environment 6.2.1

2 Describe regulatory requirements pertaining to signs and symptoms of abuse, neglect, and bullying 6.2.2

3 Demonstrate active supervision and interactions with learners to ensure safety 6.2.3

4 Investigate bullying and cyberbullying prevention strategies and resources 6.2.4

5 Utilize developmentally appropriate strategies to promote social and emotional health and learning 6.2.5

6 Perform emergency, safety, health, and security procedures 6.2.6