

Nevada's Changing Landscape

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Nevada's Changing Landscape

Historically Significant Industries



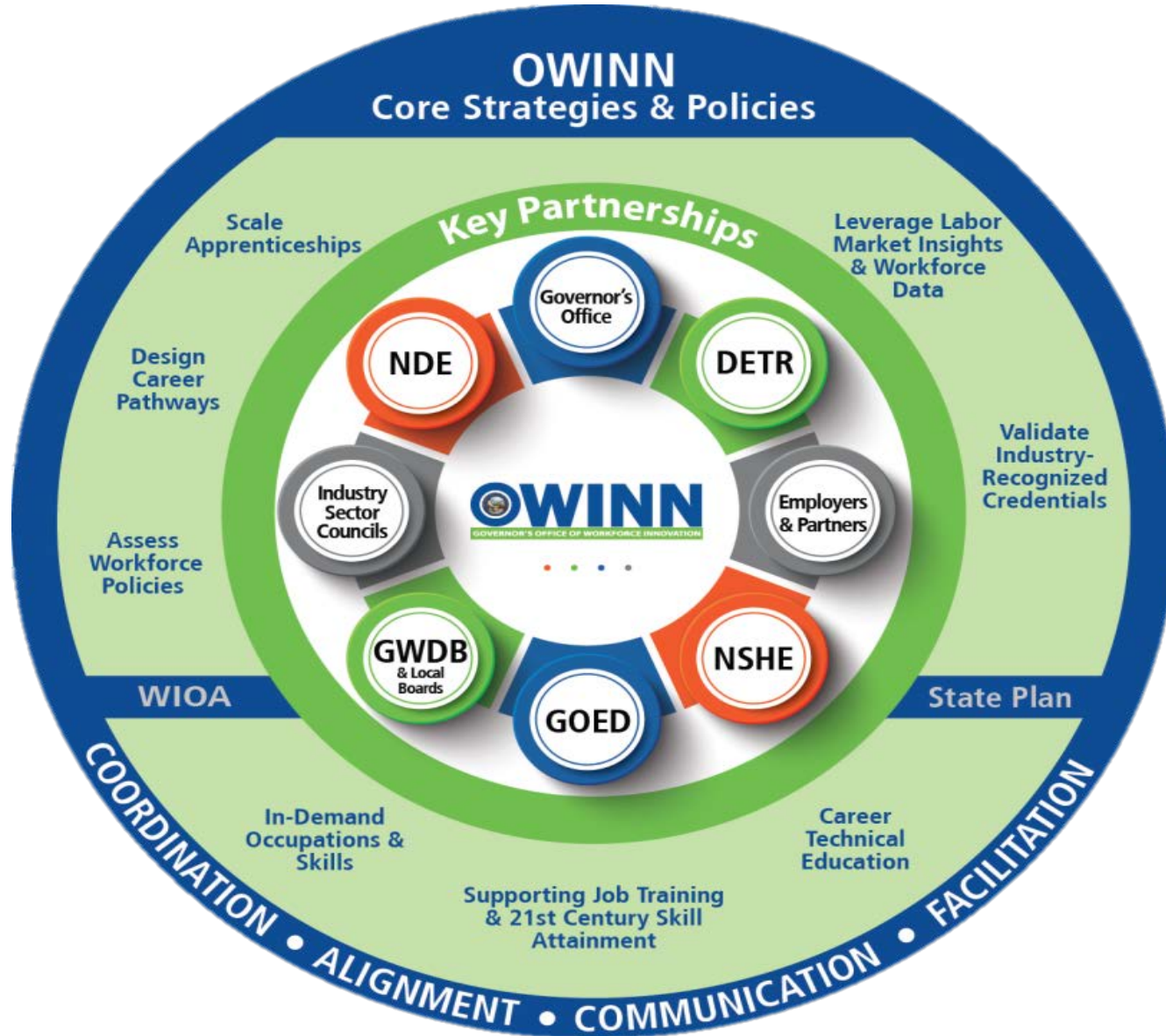
New Nevada Economy



CTE and Workforce Development

- **Governors' Office of Economic Development (GoED)**
 - Produces economic data and high-demand occupation list
- **Department of Education, Training and Rehabilitation**
 - Provides a variety of services-Vocational Rehabilitation,
 - Job Connect Centers, etc.
- **Office of Workforce Innovations (OWINN)**
 - Coordinates sector council; creates annual report

OWINN Core Strategies & Policies



Nevada CTE Components

- Technical Standards Validated by Industry
- Employability Skills standards
- Inter-curricular student organizations (CTSOs)
- Advisory Committees
- Equipment Lists
- Curriculum Frameworks
- CTE College Credit
- Industry Certifications

Nevada's CTE System

- Program of Study
- Technical Skill Assessment
- Workplace Readiness Assessment
- Academic Credit
- Early College Experience
 - CTE College Credit, Dual Credit, or Advanced Placement
- CTE Statewide Program Directory
- Virtual Education
- Program Reviews
- State and Federal Funding
- Collaboration with Special Needs
- Middle School Support

FY17 CTE Statewide Assessment Results Comparison

End-of-Program				
	FY17	FY16	FY15	3-Year Growth
Total Eligible	8422	7587	6158	11.00%
Total Participation	8147	7187	5848	11.68%
Total Pass	5046	4269	3242	15.89%
Participation Rate	96.73%	94.72%	94.96%	0.62%
Pass Rate	61.94%	59.39%	55.43%	3.77%
Workplace Readiness Skills				
Total Eligible	7038	6195	5588	7.99%
Total Participation	6868	6084	5336	8.78%
Total Pass	5831	4887	4463	9.32%
Participation Rate	97.58%	98.20%	95.49%	0.72%
Pass Rate	84.90%	80.32%	83.63%	0.50%
Certificates Awarded				
Total Eligible	8422	7587	6158	11.00%
Certificates Awarded	3978	3242	2433	17.81%
Certificate Award Rate	47.23%	42.73%	39.50%	6.14%

CTECS FY18 Fall Work

Assessment Development:

1. Aviation Technology
2. Aviation Maintenance
3. Community Health Science
4. Dental Science
5. Health Information Management
6. Teaching and Training
7. Military Security (JROTC)
8. Respiratory Sciences

FY19:

1. Automation Robotics
2. Agriculture Biotechnology
3. Cybersecurity
4. Manufacturing Technologies



- Complete full CTE Program of Study
- 3.0 GPA in CTE course sequence
- **Workplace Readiness Skills**
- **End-of Program Technical Skills Assessments**
- CTE Endorsement on Diploma
- Certificate of Skill Attainment
- Articulated College Credit

Certificate of Skill Attainment

Nursing Assistant

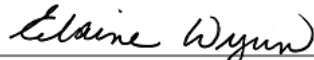
This certifies that

has successfully completed the high school program of study according to state standards to support advancement to postsecondary education and job training in a related career field.

This certificate issued in the year two thousand and seventeen.



Superintendent of Public Instruction



President of the State Board of Education



Executive Director of the
Governor's Office of Economic Development



Director of the
Department of Employment, Training & Rehabilitation

Nursing Assistant



To qualify for this certificate, the student must (1) earn a 3.0 GPA or higher in the career and technical education (CTE) course sequence; (2) pass the state CTE assessment for Nursing Assistant; and (3) pass the state CTE assessment for Employability Skills for Career Readiness.

PROGRAM DESCRIPTION:

The Nursing Assistant program provides students with the knowledge and skills required for entry into the healthcare field. Students completing the didactic and clinical practicum are eligible for the Nevada State of Nursing Certifying exam as a Nursing Assistant. The appropriate use of technology and industry-standard equipment is an integral part of the program. The course content includes instruction in the state standards for the Employability Skills for Career Readiness.

EMPLOYABILITY SKILLS:

The Employability Skills for Career Readiness include the “soft skills” needed for success in all careers. Students must demonstrate proficiency in three primary areas: (1) Personal Qualities and People Skills; (2) Professional Knowledge and Skills; and (3) Technology Knowledge and Skills.

TECHNICAL SKILLS:

ROLE AND RESPONSIBILITY OF NURSING ASSISTANT

Scope and Practice, Ethics/Law, Residents’ Rights, Overall Healthcare Environment

COMMUNICATION INTERPERSONAL RELATIONSHIPS

Communication and Interpersonal Relationships, Documentation Processes

INDIRECT CARE PRACTICES

Residents’ Dignity, Residents’ Right, Residents’ Safety

PREVENTION CONCEPTS

Infection Prevention Processes

HUMAN ANATOMY AND PHYSIOLOGY

Structure & Function Body Systems, Growth, Medical Terminology

PERSONAL CARE PROCEDURES

Hygiene and Grooming Principles, Personal Care Procedures, Personal Hygiene Skills

PHYSIOLOGICAL MEASUREMENTS

Vital Signs, Accuracy Physiological Measurements

NUTRITIONAL REQUIREMENTS

Nutritional Concepts, Skills, Proper Food Handling and Safety

ELIMINATION PROCEDURES

Urinary and Bowel Elimination, Assisting, and Safety

QUALITY PATIENT ENVIRONMENT

Basic Human Needs, Physical and Environmental Needs

PRINCIPLES OF PATIENT MOBILITY

Positioning and Transferring, Mobility Skills, Safety

ADMISSION, TRANSFER AND DISCHARGE PROCEDURES

Components and Skills of Admission, Transfer and Discharge

CARE OF RESIDENTS WITH SPECIAL NEEDS

Common Diseases, Disorders, Safety, Restorative Care, Death

Nevada Department of Education

Office of Career Readiness, Adult Learning & Education Options

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Nevada CTE Assessment Cut Score Table 2016-2017

Workplace Readiness Skills - 75

Program Name	Cut Score	Program Name	Cut Score	Program Name	Cut Score
Accounting and Finance	74	Digital Game Development	69	IT – Networking	69
Administrative Services	65	Drafting and Design	62	IT – Service and Support	66
Aerospace Engineering	64	Early Childhood Education	65	Landscape Design and Management	60
Agriculture Mechanics Technology	60	Electrical Engineering	65	Law Enforcement	69
Agriculture Business Systems	61	Electronic Technology	68	Machine Tool Technology	0
Ag. Leadership, Communication and Policy	61	Emergency Medical Technician	63	Manufacturing Technologies	0
Animal Science	64	Emergency Telecommunications	79	Marketing	70
Animation	64	Energy Technologies	61	Mechanical Engineering	62
Architectural and Civil Engineering	65	Entrepreneurship	61	Mechanical Technology	71
Architectural Design	69	Environmental Engineering	65	Medical Assisting	75
Automotive Service Technician	60*	Environmental Management	69	Metalworking	67
Automotive Technology	53	Family and Consumer Science	69	Natural Resources and Wildlife Management	65
Aviation Maintenance Technician	0	Fashion, Textiles and Design	63	Nursing Assistant	75
Aviation Technology	0	Fire Science	65	Ornamental Horticulture/Greenhouse Mgmt.	60
Baking and Pastry	68	Floriculture Design and Management	65	Pharmacy Practice	68
Biomedical	66	Food Science Technology	65	Photography	69
Business Management	73	Foods and Nutrition	62	Radio Production	61
Collision Repair Technology	65	Forensic Science	71	Respiratory Science	0
Computer Science	71	Furniture and Cabinetmaking	69	Sports and Entertainment Marketing	70
Construction Technology	67	Graphic Design	75	Sports Medicine	72
Cosmetology	75	Health Information Management	0	Theatre Technology	68
Criminal Justice	69	Heating, Vent., Air Cond. and Refrigeration	0	Veterinary Science	61
Culinary Arts	65	Hospitality and Tourism	68	Video Production	72
Dental Science	0	Human Development	69	Web Design and Development	62
Diesel Technology	61	Interior Design	63	Welding Technology	62

* The first year of an assessment the cut score is established by researching norms in other states in the same content area. Following the first year a cut score is established using the Modified Angoff Method.

0 These programs have not started the assessment development process.

Assessment Preparation for 2017-18

- Update Testing Manuals
- Update Cut-Score Table
- Update Frequently Asked Questions
- Provide assessment training via Go-To-Meeting
- Assessment Calendar

Infinite Campus

CTE Data Tab

Student: Jaden Smith

Programs	Progress			Course Plan	
Nursing Assistant	<u>Course Sequence</u>	<u>Credit</u>	<u>Grade</u>	<u>Grade Taken</u>	<u>Course Sequence</u>
	Health Science I	1.0	B	9	Health Science I (required)
	Health Science II	1.0	A	10	Health Science II (required)
	Nursing Assistant	In progress		11	Nursing Assistant (required)
	Nursing Assistant LAB	In progress		11	Nursing Assistant LAB (required)
				12	Medical Anatomy (optional)
				12	Human Diseases (optional)
	<u>Assessment Exams</u>	<u>Score</u>	<u>Cut Score</u>		
	Nursing Assistant	83	75		
	Workplace Readiness	90	75		
	CTE Skill Certificate Earned	Yes	Pass	11/12	<u>Required Assessments</u> End of Program (Nursing Assistant)
				11/12	Work Place Readiness
	Articulated Credit	Yes	TMCC		
<u>Industry Certifications/Licenses</u>	<u>Issuing Organization/Provider</u>		Optional	<u>Industry Certifications/Licenses</u> Certified Nursing Assistant	
Certified Nursing Assistant	Nevada State Board of Nursing		Optional	Blood Borne Pathogens	
			Optional	CPR / AED	
			Optional	Community Emergency Response Training (CERT)	
Nontraditional Student	Yes				
	<u>GPA</u>	<u>Required GPA</u>			
CTE Course GPA	3.5	3.0			

New Skills for Youth (NSFY)

- **AB 7** – College Career Ready Diplomas
 - a **college-ready endorsement** that demonstrates certain coursework completion or obtained experience to prepare pupils to succeed in college without the need for remediation;
 - a **career-ready endorsement** that demonstrates certain coursework completion or obtained experiences that prepares pupils to succeed in postsecondary job training or education in high-demand occupations.
- **SB 19** - More **dual enrollment** course offerings and to also expand opportunities for underserved/underrepresented .
- **SB 66** – Expanding **Work-Based Learning** opportunities
- **AB 117** – Requires counselors to meet with students in grades 9-12 to review academic plan to determine if on track to be college and career ready.
- Expansion of **STEM** - Development of the AP program in rural settings to ensure that **every** rural high school can offer AP courses.
 - A plan for identifying and recruiting students with high potential for success in **AP** programs in order to increase the number of underrepresented students who participate in AP courses and take the respective exams.

**Nevada Department of Education
Office of Career Readiness,
Adult Learning and Education Options**

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