

Agenda

Lyon County School District Insurance Committee

A meeting of the Insurance Committee of Lyon County School District will be held October 21, 2020, beginning at 3:00 PM at VIRTUAL - No physical location for this meeting.

Items on this agenda may be taken out of order; the public body may combine two or more agenda items for consideration; and the public body may remove an item from the agenda or delay discussion relating to an item on the agenda at any time.

1. CALL TO ORDER

2. PLEDGE OF ALLEGIANCE

3. ROLL CALL AND WELCOME

4. APPROVAL OF AGENDA

Motion:

Second:

Vote:

5. APPROVAL OF MINUTES

Motion:

Second:

Vote:

6. PUBLIC PARTICIPATION

The public may address the committee on items not listed on the agenda. No action may be taken on any subject raised during public comments until the matter has been properly placed on an agenda for the properly noticed meeting pursuant to NRS 241 (Nevada Open Meeting Law).

The public comment can be emailed to cte@lyoncsd.org. The committee will not discuss these comments, but they will be listed in the minutes of the meeting.

7. (FOR POSSIBLE ACTION)

Discussion and possible action regarding the CTE Advisory Committee constitution and bylaws.

Motion:

Second:
Vote:

8. (FOR DISCUSSION ONLY)
Discussion regarding the State CTE Proposal for Stengthening CTE in Lyon County.

9. (FOR DISCUSSION ONLY)
Discussion regarding CTE applications, approvals and purchasing processes work.

10. (FOR DISCUSSION ONLY)
Discussion regarding the CTE Advisory Strategic Plan for LCSD, including Curriculum and Professional Development.

11. (FOR POSSIBLE ACTION)
Discussion and possible action regarding the CTE Advisory Committee's upcoming meeting calendar.

Motion:
Second:
Vote:

12. PUBLIC PARTICIPATION

The public may address the committee on items not listed on the agenda. No action may be taken on any subject raised during public comments until the matter has been properly placed on an agenda for the properly noticed meeting pursuant to NRS 241 (Nevada Open Meeting Law).

The public comment can be emailed to cte@lyoncsd.org. The committee will not discuss these comments, but they will be listed in the minutes of the meeting.

13. ADJOURN

The notice for this meeting will be posted on _____, at the Lyon County School District Administrative Office, the Lyon County Administrative Office, Yerington City Hall, Yerington Post Office, Lyon County School District website (<http://www.lyoncsd.org>) and the State of Nevada Official Website (<http://notice.nv.gov>) in accordance with NRS 241.020 (3) (b).

For the Board of Trustees

LYON COUNTY SCHOOL DISTRICT STATEMENT OF NONDISCRIMINATION AND ACCESSIBILITY
THE LYON COUNTY SCHOOL DISTRICT DOES NOT DISCRIMINATE ON THE BASIS OF RACE, COLOR, NATIONAL ORIGIN, GENDER, DISABILITY OR AGE IN ANY OF ITS POLICIES, PROCEDURES, OR PRACTICES, IN COMPLIANCE WITH TITLE VI OF THE CIVIL RIGHTS ACT OF 1964 (PERTAINING TO RACE, COLOR, AND NATIONAL ORIGIN), TITLE IX OF THE EDUCATIONAL AMENDMENTS OF 1972, SECTION 504 OF THE REHABILITATION ACT, THE AMERICANS WITH DISABILITIES ACT, AND AGE DISCRIMINATION ACT OF 1975, AND ANY OTHER PERTINENT STATUTE OR REQUIREMENT. THIS NON-DISCRIMINATION POLICY COVERS ADMISSION, ACCESS, TREATMENT, AND EMPLOYMENT IN THE DISTRICT'S PROGRAMS AND ACTIVITIES, INCLUDING OCCUPATIONAL EDUCATION. FOR INFORMATION REGARDING OPPORTUNITY POLICIES, OR THE FILING OF GRIEVANCES, CONTACT YOUR SCHOOL PRINCIPAL.
THE LYON COUNTY SCHOOL DISTRICT IS PLEASED TO PROVIDE ACCOMMODATIONS FOR THE HANDICAPPED OR DISABLED. MEMBERS OF THE PUBLIC WHO ARE DISABLED AND REQUIRE SPECIAL ACCOMMODATIONS OR ASSISTANCE AT THE MEETING ARE REQUESTED TO NOTIFY MARGARET HEIM, ADMINISTRATIVE ASSISTANT TO THE SUPERINTENDENT/BOARD OF TRUSTEES, IN WRITING AT 25 E. GOLDFIELD AVENUE, YERINGTON, NEVADA 89447; E-MAIL AT MHEIM@LYONCSD.ORG; OR BY CALLING (775) 463-6800 EXT. 10034, AT LEAST ONE WEEK PRIOR TO THE MEETING.

Minutes for the CTE Advisory Committee Meeting

April 22, 2020

Recorder Jennifer Apgar called the meeting to order at 9:02 am in the Virtual Platform of Google Meet and the Pledge of Allegiance followed.

Member Jim Gianotti led the pledge of allegiance.

BOARD MEMBERS PRESENT

John Stevens-Chairman
Mike Seal-Vice Chairman
Jennifer Apgar-Recorder
Charmayne Mitchell-Ag Rep
Rachele Hall-B&M Rep
Cameron Childers-EH&HS Rep
Crystal Mattice-Health Science Rep
John Grace-Skilled Tech Rep
Desoto Dickson (principal representative)
Jim Gianotti-Member

BOARD MEMBERS ABSENT

Laura Smith-Fillmore and a student representative

GUESTS PRESENT

Cody Neville-YHS, David Palmer-DHS, Gales Kehres-YHS, Jenifer Sexson-YHS, William Bumgardner-DHS and Alger Morrison-DHS.

4. APPROVAL OF AGENDA

A motion was made by Mike Seal to approve the agenda as written and seconded by John Grace.

Upon calling for a vote, the motion passed 10-0.

5. APPROVAL OF MINUTES

A motion was made by Charmayne Mitchell to approve the minutes as written and seconded by Mike Seal to approve the minutes from the April 02, 2020 CTE Advisory Committee meeting.

Upon calling for a vote, the motion passed 10-0.

6. PUBLIC PARTICIPATION: Opportunity for Citizens to Address the Committee (no action will be taken on any item until it is properly agendized). Items raised under this portion of the agenda cannot be deliberated or acted upon until the notice procedures of the open meeting law have been met. If you wish to speak on a matter not listed on the agenda, please step up to the front table, be seated, and clearly state your name and address. In consideration of others please

avoid repetition. Your comments must be limited to no more than three minutes. Should you have more comments, you may submit them in writing to the Committee chair. Comments directed to the Committee as a whole, personal attacks, or slanderous remarks shall not be allowed.

David Palmer requested an amendment to the agenda, which was denied at the time of the meeting. Jennifer Apgar, Jim Gianotti and Mike Seal all agreed that the agenda was no longer open for amendment, but items could be requested to be added to the next meeting's agenda.

7. **(FOR POSSIBLE ACTION)** Discussion and Possible Action to prioritize the funding needs for the remaining \$20,911.61 Perkins Basic Grant for 2020-2021. This item is being presented by Director of Secondary Curriculum, Instruction, and Assessment, Jim Gianotti.

A motion was made by Jenifer Sexson to approve to allocate the remaining Perkins fund money that we have for Fernley High School for \$4,500.00, Yerington High for the Ag program, \$3,765, Yerington High's Metals \$14,106, and Dayton for \$3,536 for everything presented. Less the Ellis Saw for Yerington Metalworking program and the motion was seconded by John Grace.

Upon calling for a vote, the motion passed 10-0.

8. **(FOR POSSIBLE ACTION)** Discussion and Possible Action to choose a 2020-21 Chairperson for the CTE Advisory Committee. This item is being presented by Director of Secondary Curriculum, Instruction, and Assessment, Jim Gianotti.

A motion was made to nominate Mike Seal by Jennifer Apgar, Mike Seal accepted. The motion was seconded by John Grace.

Upon calling for a vote, the motion passed 10-0.

9. **(FOR POSSIBLE ACTION)** Discussion and Possible Action to choose a 2020-21 Vice-Chairperson for the CTE Advisory Committee. This item is being presented by Director of Secondary Curriculum, Instruction, and Assessment, Jim Gianotti.

A motion was made to nominate Rachele Hall by Mike Seal, Rachele Hall accepted. The motion was seconded by John Stevens.

Upon calling for a vote, the motion passed 10-0.

10. **(FOR POSSIBLE ACTION)** Discussion and Possible Action to choose a 2020-21 Recorder for the CTE Advisory Committee. This item is being presented by Director of Secondary Curriculum, Instruction, and Assessment, Jim Gianotti.

A motion was made to nominate Jennifer Apgar by Mike Seal, Jennifer Apgar accepted. The motion was seconded by Rachele Hall.

Upon calling for a vote, the motion passed 10-0.

11. **(FOR POSSIBLE ACTION)** Discussion and Possible Action to recognize committee members for the 2020-21 CTE Advisory Committee. This item is being presented by Director of Secondary Curriculum, Instruction, and Assessment, Jim Gianotti.

A motion was made to nominate Charmayne Mitchell for Ag, Cameron Childers for Hospitality, Crystal Mattice for Health Sciences, John Grace for Skilled & Technical, and John Stevens for Business representative for our committee, knowing that we will have some spaces available and we'll open those up in the fall. The motion was seconded by John Grace.

Upon calling for a vote, the motion passed 10-0.

12. **PUBLIC PARTICIPATION:** Opportunity for Citizens to Address the Committee (no action will be taken on any item until it is properly agendaized). Items raised under this portion of the agenda cannot be deliberated or acted upon until the notice procedures of the open meeting law have been met. If you wish to speak on a matter not listed on the agenda, please step up to the front table, be seated, and clearly state your name and address. In consideration of others please avoid repetition. Your comments must be limited to no more than three minutes. Should you have more comments, you may submit them in writing to the Committee chair. Comments directed to the Committee as a whole, personal attacks, or slanderous remarks shall not be allowed.

John Grace asked that the information regarding the funding that was volunteered to be returned to the state be shared with the group. Jim Gianotti clarified that the funding had not gone back, but that we were asked as a district to let the state know what remained unspent outside of human capitol. The amount that was given to the state was around \$70,000.00.

Rachele Hall asked about site budgets and if they had also been returned to the state. Jim Gianotti let her know that had not happened at this time.

10. **ADJOURNMENT:** Meeting adjourned at 10:33am. Next meeting date TBD.

Respectfully Submitted,

Jennifer Apgar, CTE Advisory Committee Recorder and CTE Grants Coordinator

Lyon County School District CTE Advisory Constitution

Article I - Name and Purpose

This committee shall be known as the Lyon County School District Advisory Technical Skills Committee. The advisory committee shall provide leadership in and promote the development of the career and technical education programs as it relates to and meets the needs of the students, the community and the public. The committee shall advise the faculty in the program and the administration on matters related to the program areas.

Article II - Membership

Number of Members

Lyon County School District Advisory Technical Skills Committee will have a minimum of six members and a maximum of 15 members. The chair overseeing the program may approve a higher number, but no fewer than six. The members of the advisory committee shall be representatives from businesses and industries related to the respective training and employment students obtain as well as one member from the Lyon County School District Board of Trustees. In addition, members should include a student in the program.

Appointments and Terms

Each appointment of a program advisory committee member shall be for one year, except when the appointment is to fill an unexpired term. The member from the Lyon County School District Board of Trustees shall be determined by the Board of Trustees each year when they determine officers of the Board.

At least two-thirds of the members shall be retained each year with one-third of the membership being appointed each year. An outgoing member may be reappointed by a majority vote of membership present.

An individual will automatically lose membership on the committee if he/she fails to attend three successive meetings without presentation of a valid reason for his/her absence, in advance, to the chairperson of the committee.

Program advisory committee members may submit names of potential members for the committee. Final recommendations are made by the faculty with the approval of the appropriate administrator. The appointments are made by the governing board.

Ex-Officio Members

Ex-Officio members shall be:

1. Appropriate administrators
2. Appropriate program coordinators or supervisors;
3. Faculty in the program area. One faculty member will be designated coordinator of the advisory committee from each of the following program areas:
 - a. Agriculture & Natural Resources
 - b. Business & Marketing Education
 - c. Education, Hospitality & Human Services
 - d. Health Science & Public Safety
 - e. Information & Media Technologies
 - f. Skilled & Technical Sciences

Bylaws

Section A - Officers and their duties

The officers shall be a **chairperson** and a **vice-chairperson**. The officers shall be elected annually by a majority vote of the committee members at the last meeting during the academic year. Officers may be re-elected to the same office.

Chairperson

The **chairperson** shall be elected from among those members who have served at least one year on the committee.

Duties and responsibilities of the chairperson include:

- Coordinate with the advisory committee coordinator to establish meeting dates and develop an agenda for each meeting;
- Preside at committee meetings, leading discussions, bringing closure on key points of discussion, and giving members the opportunity to express their opinions, give advice and make recommendations;
- Provide input, when appropriate, to the curriculum director regarding the committee's findings and recommendations, and serve as the spokesperson for the committee in meetings with the curriculum director as necessary;
- Be sensitive to the views of the members;
- Be able to listen critically;
- Be reasonable;
- Exercise good judgement and fairness;
- Dedicate time to the affairs of the committee;
- Appoint special committees as the need arises, which may include persons other than the committee members;
- Arrange for special presentations;
- Prepare reports;
- Encourage a relaxed atmosphere conducive to productive discussions;

- Plan committee activities and provide sufficient background information when needed;
- Maintain personal contact with committee members and institution personnel;
- Approve all announcements, notices and other information sent to committee members;
- Work with the coordinator in preparing and presenting an annual written plan of action that includes a formal evaluation of the committee's activities and accomplishments each year.

The committee chairperson should avoid:

- Acting as the final authority on all subjects;
- Putting pressure on the group to agree with his/her own personal views;
- Chairing subcommittees;
- Discussing questions or issues that are outside the purpose of the committee.

Vice-Chairperson

The **vice-chairperson** shall be elected from among those members who preferably have served at least one year on the committee. (The vice-chairperson may be elected to serve as the next chairperson following a set time as vice-chairperson.)

Duties and responsibilities of the vice-chairperson include:

- Work closely with the chairperson on specified tasks;
- Serve as the leader for many of the committee's activities;
- Perform specific tasks assigned by the chairperson;
- Conduct meetings and committee business in the absence of the chairperson.

Committee Secretary

The **committee secretary** will be filled by the CTE Grants Manager and will be responsible for ensuring that the meetings are posted in compliance with open meeting law and that the meetings are recorded and minutes prepared.

Section B - Meetings

At least three regular meetings of the committee shall be held during the academic year. Written and electronic notice of each regular meeting will be sent to members and the public per open meeting law requirements. Special meetings of the committee may be called by the chairperson as needed throughout the year. The time of advance notice shall be appropriate in terms of the reason for the urgency of the meeting and shall also comply with open meeting laws.

Section C - Recommendations and Reports

Any formal resolutions or recommendations from the committee shall be in written form. They shall include the number of committee members present and voting, and the number favoring the resolution or recommendation. All resolutions and recommendations shall be presented to the program coordinator or department person, who shall then present them to the administration.

Section D - Evaluating Committee Effectiveness

The program advisory committee will evaluate effectiveness at the final meeting of each academic year. Goals and objectives will be formulated at the first regular meeting of the academic year, utilizing implications from the spring evaluation.

Section E - Bylaws Changes

These bylaws may be amended or added to by two-thirds vote of active members at any regular or special meeting if at least ten days written notice has been given to each member.

Nevada CTE Guide – Strengthening Nevada’s CTE Programs

Component	Proposed Plan	Current Program
Organization	Identified by national career cluster for ease of tracking and aligning with national statistics	Divided into 6 categories arbitrarily created by NDE, then identified by national career clusters
Number of programs of study	51 – 48 from existing programs of study, 3 new programs	74
Sequence Length	2 years (4 semesters)	3 years (6 semesters)
Completion	Allows for multiple areas of focus to support exploration and “best fit”. Supports advanced coursework requirements with dual credit opportunities. Reduces conflict between program completion and necessary remediation courses.	In most cases, limits students to one program focus for completion. Completion of 3 rd year often conflicts with remediation or advanced coursework needed for graduation/diploma requirements.
End-of-Program Assessment	If used, would be administered during the 4 th semester	CTECS, administered during 6 th semester
Complementary Courses	All programs of study have identified complementary courses. These courses can be related to directly to the program of study or represent other disciplines that supplement the program of study. Advanced Studies course are considered complimentary courses. <i>*Note: many of these courses were identified from the current program of study offerings.</i>	Some programs of study have these courses identified. In these cases, they are directly related to the program of study discipline. Advanced Studies is not considered a complementary course.
Eligibility for Funding (State Allocation & Competitive)	All programs, as well as complementary courses aligned with the program of study, are eligible.	All programs of study are eligible. Complementary courses, if they exist, are not counted.
Workforce Alignment	All programs aligned with current regional or state demand and/or emerging industries as identified by state and national data.	If aligned, based on historical and current demand; little consideration for future needs
Postsecondary Alignment	48 of 51 programs have directly related courses and/or postsecondary certificate/degree pathways available in Nevada.	Approximately 25% of programs have no directly related courses or postsecondary certificate/degree pathway available in Nevada.
Industry Certifications & Credentials	Focus on attaining entry-level certifications that provide the	Focus on attaining industry-relevant certifications requiring

	foundation for stacking industry-relevant certifications as skills are developed through dual credit courses and experience.	a high level of skill and, often, experience.
Access to College Credits	Primarily achieved through dual credit course enrollment, beginning in 11 th grade year. Eliminates “all or nothing” structure of existing CTE College Credit model.	Primarily achieved through CTE College Credit earned by completion of a 3-year sequence, passing required end-of-program assessments, and achieving a 3.0 overall GPA in CTE courses.
Teacher Licensing	Required licenses a more general to allow teachers to offer programs of study in multiple career clusters. This will assist with recruitment, as well improve the diversity of offerings for students.	Required licenses are very specific to a program or skill set. Teachers are often limited to a single career cluster or program of study. This creates difficulty in recruitment and limits program offerings for students.

Strengthening Nevada's CTE Programs

Agriculture, Food and Natural Resources:

Program of Study	Course Sequence	Complementary Courses	Potential Dual Credit Opportunities	Potential Credential Opportunities	Additional Notes
Agriculture Science	<ul style="list-style-type: none"> • Agriculture Science I (Plant) • Agriculture Science II (Animal focus) 	<ul style="list-style-type: none"> • Agricultural Leadership, Communication, and Policy • Animal Science • Biotechnology • Environmental Management • Food Science Technology • Natural Resources and Wildlife Management • Floriculture and Ornamental Horticulture • Greenhouse Management • Veterinary Science 	<ul style="list-style-type: none"> • CUL 100 • NUTR 222 • BIOL 202 	<ul style="list-style-type: none"> • OSHA 	<ul style="list-style-type: none"> • High Skill, High Demand (HSHD) • Foundational POS that leads to multiple complementary courses
Agricultural Mechanics Technology	<ul style="list-style-type: none"> • Agricultural Mechanics Tech I • Agricultural Mechanics Tech II 	<ul style="list-style-type: none"> • Ag Mechanics Advanced Studies (AS) • Agricultural Leadership, Communication, and Policy • Metalworking 	<ul style="list-style-type: none"> • DT 100 • WELD 110, 211, 212, 221, 222 	<ul style="list-style-type: none"> • OSHA 	<ul style="list-style-type: none"> • Regional Demand • Combines concepts from welding, machining, metals, diesel, and construction (most are HSHD)
Food Science and Manufacturing (FSM) - NEW	<ul style="list-style-type: none"> • FSM I • FSM II 	<ul style="list-style-type: none"> • FSM AS • Greenhouse Management • Agricultural Leadership, Communication, and Policy 			<ul style="list-style-type: none"> • Not HSHD, but may change due to COVID-19 • Licensing needs to include/ approve Ag, Culinary, and Manufacturing teachers • Double-completer possible with other career clusters

Programs to be Phased Out Completely: Agricultural Business Systems (standards taught across all Ag Education POS)

Strengthening Nevada's CTE Programs

Architecture and Construction:

Program of Study	Course Sequence	Complementary Courses	Potential Dual Credit Opportunities	Potential Credential Opportunities	Additional Notes
Design Drafting	<ul style="list-style-type: none"> Design Drafting I Design Drafting II 	<ul style="list-style-type: none"> Interior Design Architectural Design and Modeling Architectural Design Studio Mechanical Design Drafting 	<ul style="list-style-type: none"> ADT 105 CADD 105 CONS 120 AAD 100, 180, 267 	<ul style="list-style-type: none"> Autodesk SOLIDWORKS 	<ul style="list-style-type: none"> Overlapping standards from existing Architectural Design Program of Study (POS) Double-completer possible with Construction and Engineering Design Drafting provides skills that support multiple high skill, high demand (HSHD) careers Current articulated credit courses focus on Design Drafting skills
Construction Technology	<ul style="list-style-type: none"> Construction Technology I Construction Technology II 	<ul style="list-style-type: none"> Construction Technology Advanced Studies (AS) Carpentry 	<ul style="list-style-type: none"> CONS 101, 108, 109, 120, and 205 CEM 100 and 250 CADD 100 	<ul style="list-style-type: none"> Apprenticeship Ready NCCER Core NCCER Construction Technology 	<ul style="list-style-type: none"> Regional HSHD Large enrollment Double-completer possible with Design Drafting
Heating, Ventilation, Air Conditioning, and Refrigeration (HVACR) NEW	<ul style="list-style-type: none"> HVACR I HVACR II 	<ul style="list-style-type: none"> HVACR AS 	<ul style="list-style-type: none"> CSN GBC – New 		<ul style="list-style-type: none"> HSHD New POS

Programs to be Phased Out Completely: None. Furniture and Cabinetmaking (rebrand as Carpentry and convert to complementary course with Construction Technology); Architectural Design (combined with Drafting and Design to form Drafting Design; architecture specific courses as complementary courses); Drafting and Design (combined with Architectural Design to form Drafting Design).

Strengthening Nevada's CTE Programs

Arts, A/V Technology, and Communication:

Program of Study	Course Sequence	Complementary Courses	Potential Dual Credit Opportunities	Potential Credential Opportunities	Additional Notes
Graphic Design	<ul style="list-style-type: none"> Graphic Design I Graphic Design II 	<ul style="list-style-type: none"> Graphic Design Advanced Studies (AS) Animation 	<ul style="list-style-type: none"> GRC 119, 156, 183, and 200 	<ul style="list-style-type: none"> Adobe Certified Associate-Illustrator (not on OWINN list) 	<ul style="list-style-type: none"> GBC, CSN, TMCC offer AAS degrees, NSC offers bachelor's degree. Double-completer possible with Web Design and Multimedia Communication
Fashion, Textiles, and Design	<ul style="list-style-type: none"> Fashion, Textiles, and Design I Fashion, Textiles, and Design II 	<ul style="list-style-type: none"> Fashion, Textiles, and Design AS Pattern Drafting 	<ul style="list-style-type: none"> GRC 116, 156, and 200 THRT 201 		
Multimedia Communication	<ul style="list-style-type: none"> Multimedia Communication I Multimedia Communication II 	<ul style="list-style-type: none"> Multimedia Communication AS 	<ul style="list-style-type: none"> ART 141 GRC 116 and 110 JOUR 101, 207, and 208 		<ul style="list-style-type: none"> New program of study Double-completer possible with Graphic Design, Web Design, and Video Production
Radio Production	<ul style="list-style-type: none"> Radio Production I Radio Production II 	<ul style="list-style-type: none"> Radio Production AS 	<ul style="list-style-type: none"> JOUR 101, 102, 119, 207, and 208 		<ul style="list-style-type: none"> Double-completer possible with Video Production and Multimedia Communication
Theatre Technology	<ul style="list-style-type: none"> Theatre Tech I Theatre Tech II 	<ul style="list-style-type: none"> Theatre Tech AS 	<ul style="list-style-type: none"> THTR 201, 202, and 203 	<ul style="list-style-type: none"> OHSA-10 	<ul style="list-style-type: none"> Regional needs
Video Production	<ul style="list-style-type: none"> Video Production I Video Production II 	<ul style="list-style-type: none"> Video Production AS 	<ul style="list-style-type: none"> VID 116B and 210B JOUR 101, 102, and 106 		<ul style="list-style-type: none"> Double-completer possible with Multimedia Communication

Programs to be Phased Out Completely: Interior Design (not HSJD; convert to complementary course to Drafting Design); Photography (not HSJD, schools/districts could include as part of fine arts)

Strengthening Nevada's CTE Programs

Business Management and Administration:

Program of Study	Course Sequence	Complementary Courses	Potential Dual Credit Opportunities	Potential Credential Opportunities	Additional Notes
Office Management	<ul style="list-style-type: none"> • Office Management I • Office Management II 	<ul style="list-style-type: none"> • Office Management AS 	<ul style="list-style-type: none"> • MGT 201 • COT 240 • ACC 201 • MGT 103 	<ul style="list-style-type: none"> • Microsoft Office Certifications 	<ul style="list-style-type: none"> • Connection to industry credentials
Business Management	<ul style="list-style-type: none"> • Principles of Business and Marketing • Business Management 	<ul style="list-style-type: none"> • Business Management AS 	<ul style="list-style-type: none"> • MKT 210 • MGT 201 • ECON 103 • ENT 200 • MGT 103 		<ul style="list-style-type: none"> • Regional demand • Double-completer potential with multiple Programs of Study (POS)

Programs to be Phased Out Completely: None

Strengthening Nevada's CTE Programs

Education and Training:

Program of Study	Course Sequence	Complementary Courses	Potential Dual Credit Opportunities	Potential Credential Opportunities	Additional Notes
Early Childhood Education	<ul style="list-style-type: none"> • Early Childhood Education I • Early Childhood Education II 	<ul style="list-style-type: none"> • Early Childhood Education Advanced Studies (AS) 	<ul style="list-style-type: none"> • BUS 110 • ECE 250, 251, 252 	<ul style="list-style-type: none"> • Child Development Associate 	<ul style="list-style-type: none"> • High Skill, High Demand (HSHD) • Double-completer potential with Teaching and Training
Teaching and Training	<ul style="list-style-type: none"> • Teaching and Training I • Teaching and Training II 	<ul style="list-style-type: none"> • Teaching and Training AS 	<ul style="list-style-type: none"> • EDU 110, 201, 202, and 214 • EDU 250 		<ul style="list-style-type: none"> • HSHD • Double-completer potential with Early Childhood

Programs to be Phased Out Completely: None

Strengthening Nevada's CTE Programs

Finance:

Program of Study	Course Sequence	Complementary Courses	Potential Dual Credit Opportunities	Potential Credential Opportunities	Additional Notes
Accounting and Finance	<ul style="list-style-type: none"> • Accounting and Finance I • Accounting and Finance II 	<ul style="list-style-type: none"> • Accounting and Finance Advanced Studies (AS) 	<ul style="list-style-type: none"> • ACC 201 and 202 • ECON 103 • ENT 200 • MGT 103 		<ul style="list-style-type: none"> • Regional demand • Double-completer potential with multiple POS

Programs to be Phased Out Completely: None

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Strengthening Nevada's CTE Programs

Government and Public Administration:

Program of Study	Course Sequence	Complementary Courses	Potential Dual Credit Opportunities	Potential Credential Opportunities	Additional Notes
Military Science	<ul style="list-style-type: none"> • Military Science I • Military Science II • Military Science III 	<ul style="list-style-type: none"> • Military Science Advanced Studies (AS) 	<ul style="list-style-type: none"> • AES 110, 111, 120, and 121 • MIL 100, 101, and 101L 	<ul style="list-style-type: none"> • CPR/First Aid 	<ul style="list-style-type: none"> • New program of study • Connection to ROTC

Programs to be Phased Out Completely: None

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Strengthening Nevada's CTE Programs

Health Sciences:

Program of Study	Course Sequence	Complementary Courses	Potential Dual Credit Opportunities	Potential Credential Opportunities	Additional Notes
Biomedical	<ul style="list-style-type: none"> Biomedical I Biomedical II Biomedical III 	<ul style="list-style-type: none"> Biomedical Advanced Studies (AS) Medical Terminology Biotechnology 	<ul style="list-style-type: none"> CHS 101 and 102 	<ul style="list-style-type: none"> OSHA 	<ul style="list-style-type: none"> High skill, high demand (HSHD)
Community Health Science	<ul style="list-style-type: none"> Health Science Community Health Science 	<ul style="list-style-type: none"> Medical Terminology (offer as dual credit) Health Information Management Pharmacy Practice (must be 18) Respiratory Therapy Biotechnology 	<ul style="list-style-type: none"> CHS 101, 102, and 230 EMS 100 	<ul style="list-style-type: none"> Community Health Worker CPR 	<ul style="list-style-type: none"> HSHD New Program of Study (POS)
Dental Science	<ul style="list-style-type: none"> Dental Science I Dental Science II 	<ul style="list-style-type: none"> Dental Science AS Medical Terminology 	<ul style="list-style-type: none"> DA 101, 102, 108B and 115B EMS 100 	<ul style="list-style-type: none"> CPR 	<ul style="list-style-type: none"> HSHD
Emergency Medical Technician	<ul style="list-style-type: none"> Health Science Emergency Medical Technician 	<ul style="list-style-type: none"> Medical Terminology (offer as dual credit) Health Information Management Pharmacy Practice (must be 18) Respiratory Therapy 	<ul style="list-style-type: none"> Medical Terminology EMS 100, 101, and 108 EMT 108, 108B, and 150B 	<ul style="list-style-type: none"> CPR 	<ul style="list-style-type: none"> HSHD
Medical Assisting	<ul style="list-style-type: none"> Health Science Medical Assisting 	<ul style="list-style-type: none"> Medical Terminology (offer as dual credit) Biotechnology Health Information Management Pharmacy Practice (must be 18) Respiratory Therapy 	<ul style="list-style-type: none"> Medical Terminology CLS 130B and 131B MA 104B, 107B, and 110B RAD 112 EMS 100 	<ul style="list-style-type: none"> CPR 	<ul style="list-style-type: none"> HSHD
Nursing Assistant	<ul style="list-style-type: none"> Health Science Nursing Assistant 	<ul style="list-style-type: none"> Medical Terminology (offer as dual credit) 	<ul style="list-style-type: none"> NURS 130 NA 130 	<ul style="list-style-type: none"> Nursing Assistant CPR 	<ul style="list-style-type: none"> HSHD Students must be 16

Strengthening Nevada's CTE Programs

		<ul style="list-style-type: none"> • Biotechnology • Health Information Management • Pharmacy Practice (must be 18) • Respiratory Therapy 	<ul style="list-style-type: none"> • RAD 112 		
Sports Medicine	<ul style="list-style-type: none"> • Health Science • Sports Medicine 	<ul style="list-style-type: none"> • Medical Terminology (offer as dual credit) • Biotechnology • Health Information Management • Pharmacy Practice (must be 18) • Respiratory Therapy • Sports Medicine AS 	<ul style="list-style-type: none"> • PTR 100 and 120 • HIT 117 • EMS 100 	<ul style="list-style-type: none"> • CPR • Stop the Bleed 	<ul style="list-style-type: none"> • HSHD
Practical Nursing	<ul style="list-style-type: none"> • Practical Nursing I • Practical Nursing II 	<ul style="list-style-type: none"> • Medical Terminology (offer as dual credit) 	<ul style="list-style-type: none"> • PN 100L, 103B, 104B, and 105B • EMS 100 	<ul style="list-style-type: none"> • CPR • Licensed Practical Nurse 	<ul style="list-style-type: none"> • HSHD • Board of Nursing • Junior/Senior

Programs to be Phased Out Completely: None. Health Science Standards condensed into one year; Health Information Management, Pharmacy Tech (age restrictions), and Respiratory Therapy converted to complementary courses.

Strengthening Nevada's CTE Programs

Hospitality and Tourism:

Program of Study	Course Sequence	Complementary Courses	Potential Dual Credit Opportunities	Potential Credential Opportunities	Additional Notes
Culinary Arts	<ul style="list-style-type: none"> • Culinary Arts I • Culinary Arts II 	<ul style="list-style-type: none"> • Culinary Arts Advanced Studies (AS) • Baking and Pastry 	<ul style="list-style-type: none"> • CUL 105, 106, 110, 125, and 130 • HMD 101 • FAB 102 • MGT 103 	<ul style="list-style-type: none"> • ServSafe: Food Handler 	<ul style="list-style-type: none"> • Regional demand
Hospitality and Tourism	<ul style="list-style-type: none"> • Hospitality and Tourism I • Hospitality and Tourism II 	<ul style="list-style-type: none"> • Hospitality and Tourism AS 	<ul style="list-style-type: none"> • HMD 101 and 226 • TCA 141 		<ul style="list-style-type: none"> • Regional demand • Double-completer potential with multiple Program of Study (POS)

Programs to be Phased Out Completely: None. Baking and Pastry converted to complementary course.

Strengthening Nevada's CTE Programs

Human Services:

Program of Study	Course Sequence	Complementary Courses	Potential Dual Credit Opportunities	Potential Credential Opportunities	Additional Notes
Cosmetology	<ul style="list-style-type: none"> Principles of Cosmetology Cosmetology I Cosmetology II 		<ul style="list-style-type: none"> MGT 103 	Aligned with industry licensing	<ul style="list-style-type: none"> Regional demand
Family and Consumer Sciences (FCS) RE-BRANDED May need new name to assist with dual credit	<ul style="list-style-type: none"> FCS I FCS II 	<ul style="list-style-type: none"> FCS Advanced Studies (AS) 	<ul style="list-style-type: none"> NUTR 223 and 253 		<ul style="list-style-type: none"> Not high skill, high demand (HSHD) Update standards to include multiple Programs of Study (POS) – Foods and Nutrition, Human Development, Fashion, Textiles, and Design
Human and Social Services (HSS) NEW May need new name to assist with dual credit	<ul style="list-style-type: none"> HSS I HSS II 	<ul style="list-style-type: none"> HSS AS 	<ul style="list-style-type: none"> HDFS 201 		<ul style="list-style-type: none"> New POS to include medical wellness, mental health, social services (some are HSHD) Potential opportunity for dual credit at UNLV

Programs to be Phased Out Completely: Foods and Nutrition (convert to Culinary Arts or rebranded FCS, not HSHD); Human Development (convert to Early Childhood, Teaching and Training, rebranded FCS, or new Human and Social Services, not HSHD)

Strengthening Nevada's CTE Programs

Information Technology:

Program of Study	Course Sequence	Complementary Courses	Potential Dual Credit Opportunities	Potential Credential Opportunities	Additional Notes
Cisco Networking	<ul style="list-style-type: none"> • Cisco IT Essentials/Intro to Cybersecurity • CCNA I Introduction to Networking • CCNA Routing and Switching Essentials 	<ul style="list-style-type: none"> • IT Networking Advanced Studies 	<ul style="list-style-type: none"> • CIT 114 IT Essentials • CSCO 120, 121, 220, and 221 (could earn a Skills Certificate from CSN) 	<ul style="list-style-type: none"> • CompTIA A+ • CCNA • Networking + 	<ul style="list-style-type: none"> • High skill, high demand (HSHD) • Double-completer potential with Cybersecurity
Computer Science	<ul style="list-style-type: none"> • Advanced Computer Science I • Advanced Computer Science II 	<ul style="list-style-type: none"> • <i>Pre-Requisite - AP Computer Science Principles</i> • AP Computer Science A • Digital Game Development 	<ul style="list-style-type: none"> • CS 135 and 202 • CIT 133 and 134 		<ul style="list-style-type: none"> • HSHD
Cybersecurity	<ul style="list-style-type: none"> • Cybersecurity I • Cybersecurity II 	<ul style="list-style-type: none"> • Cybersecurity Advanced Studies (AS) • AP Computer Science Principles* 	<ul style="list-style-type: none"> • CIT 112 and 217 • CS 151 • CF 117B and 118B 	<ul style="list-style-type: none"> • A+ • Networking+ 	<ul style="list-style-type: none"> • HSHD • Double-completer potential with CISCO Networking
Digital Game Development	<ul style="list-style-type: none"> • Digital Game Development I • Digital Game Development II 	<ul style="list-style-type: none"> • Digital Game Development AS • Animation 			<ul style="list-style-type: none"> • High-skill, High demand (HSHD) (computer programming skills) • Needs revised focus in standards • Double-completer potential with Graphic Design, Multimedia Communication, and Web Design and Development
Web Design and Development	<ul style="list-style-type: none"> • Web Design I • Web Design II 	<ul style="list-style-type: none"> • Web Design AS 	<ul style="list-style-type: none"> • GRC 175 • CIT 152 	<ul style="list-style-type: none"> • Adobe 	<ul style="list-style-type: none"> • HSHD

Strengthening Nevada's CTE Programs

		<ul style="list-style-type: none"> • Digital Game Development • AP Computer Science Principles* • Animation 			<ul style="list-style-type: none"> • Double-completer potential with Digital Game Development, Graphic Design, and Multimedia Communication
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Programs to be Phased Out Completely: Animation (convert to complementary with Graphic Design, not HSHD)

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Strengthening Nevada's CTE Programs

Law, Public Safety, Corrections, and Security:

Program of Study	Course Sequence	Complementary Courses	Potential Dual Credit Opportunities	Potential Credential Opportunities	Additional Notes
Fire Science	<ul style="list-style-type: none"> • Fire Science I • Fire Science II 	<ul style="list-style-type: none"> • Fire Science Advanced Studies (AS) 	<ul style="list-style-type: none"> • FT 100, 101, 102, 104, 106, 110, and 298 		<ul style="list-style-type: none"> • Aligned with state agencies
Forensic Science	<ul style="list-style-type: none"> • Forensic Science I • Forensic Science II 	<ul style="list-style-type: none"> • Criminal Justice • Forensic Science AS 	<ul style="list-style-type: none"> • CJR 104, 161, and 164 • BUS 110 		<ul style="list-style-type: none"> • Double-completer potential with Law Enforcement
Emergency Telecommunication	<ul style="list-style-type: none"> • Emergency Telecommunication I • Emergency Telecommunication II 	<ul style="list-style-type: none"> • Emergency Telecommunication AS • Criminal Justice 	<ul style="list-style-type: none"> • CRJ 260 	<ul style="list-style-type: none"> • IAED Certification 	
Law Enforcement	<ul style="list-style-type: none"> • Law Enforcement I • Law Enforcement II 	<ul style="list-style-type: none"> • Law Enforcement AS • Criminal Justice 	<ul style="list-style-type: none"> • LAW 101, 232, and 258 • CRJ 101, 102, 103, 104, 107, and 109 		<ul style="list-style-type: none"> • Double-completer potential with Forensic Science

Programs to be Phased Out Completely: Foundations of Public Safety course (only CCSD).

Strengthening Nevada's CTE Programs

Manufacturing:

Program of Study	Course Sequence	Complementary Courses	Potential Dual Credit Opportunities	Potential Credential Opportunities	Additional Notes
Advanced Manufacturing Technologies (AMT) - COMBINED	<ul style="list-style-type: none"> AMT I AMT II 	<ul style="list-style-type: none"> Manufacturing Advanced Studies (AS) Automation AS 	<ul style="list-style-type: none"> DFT 110 ELM 110 and 134 MPT 110 MT 102B and 108 WELD 101 MTT 101 and 105 CADD 100 and 245 ENGR 100 ENV 101 AIT 101 CONS 120B 	<ul style="list-style-type: none"> Manufacturing Skill Standards Council (MSSC) Manufacturing Specialist (MS) Manufacturing Technician Level 1 (MT1) 	<ul style="list-style-type: none"> High skill, high demand (HSHD) Combined standards between Automation and Manufacturing Programs of Study (POS) Double-completer potential with multiple POS
Electronic Technology	<ul style="list-style-type: none"> Electronic Technology I Electronic Technology II 	<ul style="list-style-type: none"> Electronic Technology AS 	<ul style="list-style-type: none"> BUD 113 and 114 ELM 110 and 120 ET 100B, 104, 104B, 131, 131B, and 132 AIT 101 and 121 MT 102B 	<ul style="list-style-type: none"> NCCER Electronic systems 	<ul style="list-style-type: none"> HSHD Double-completer potential with multiple POS
Mechanical Technology	<ul style="list-style-type: none"> Mechanical Technology I Mechanical Technology II 	<ul style="list-style-type: none"> Mechanical Technology AS 	<ul style="list-style-type: none"> DFT 110 ELM 110 and 134 MPT 110 MT 106, 108, and 108B WELD 101 AIT 101, 102, and 103 DT150B IT 103 and 201 	<ul style="list-style-type: none"> NCCER Millwright 	<ul style="list-style-type: none"> HSHD Double-completer potential with multiple POS Needs revised focus in standards
Welding Technology	<ul style="list-style-type: none"> Welding Technology I Welding Technology II 	<ul style="list-style-type: none"> Welding Technology AS Metalworking 	<ul style="list-style-type: none"> MTT 101 WELD 101, 110, 133B, 134B, 135B, 137B, 211, 212, 221, and 222 	<ul style="list-style-type: none"> AWS NCCER Welding 	<ul style="list-style-type: none"> HSHD Double-completer potential with multiple POS

Programs to be Phased Out Completely: None. Metalworking converted to complementary course.

Strengthening Nevada's CTE Programs

Marketing:

Program of Study	Course Sequence	Complementary Courses	Potential Dual Credit Opportunities	Potential Credential Opportunities	Additional Notes
Marketing	<ul style="list-style-type: none"> • Principles of Business and Marketing • Marketing 	<ul style="list-style-type: none"> • Marketing Advanced Studies (AS) 	<ul style="list-style-type: none"> • MKT 210 • MKT 127 • BUS 102 • ENT 200 • ECON 103 		<ul style="list-style-type: none"> • Regional demand • Double-completer potential with multiple Programs of Study (POS)

Programs to be Phased Out Completely: None

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Strengthening Nevada's CTE Programs

Science, Technology, Engineering, and Mathematics:

Program of Study	Course Sequence	Complementary Courses	Potential Dual Credit Opportunities	Potential Credential Opportunities	Additional Notes
Engineering RE-BRANDED	<ul style="list-style-type: none"> • Engineering I • Engineering II 	<ul style="list-style-type: none"> • Aerospace Engineering • Engineering Design and Development • Electrical Engineering • Civil Engineering and Architecture • Environmental Engineering • Mechanical (CIM) • LEED Certification Level 1 	<ul style="list-style-type: none"> • ENV 201 and 206 	<ul style="list-style-type: none"> • LEED Certification Level 1 	<ul style="list-style-type: none"> • HSHD • All existing PLTW engineering have same two entry courses • Need to coordinate with UNLV/UNR to increase dual credit
Energy Technologies	<ul style="list-style-type: none"> • Energy Technologies I • Energy Technologies II 	<ul style="list-style-type: none"> • Energy Technologies AS • LEED Level 1 course 	<ul style="list-style-type: none"> • ENRG 100, 110, 120, 130, and 150 • ADT 120 	<ul style="list-style-type: none"> • NCCER has power industry fundamentals and alternative energy credentials • NCCER core curriculum • LEED Level 1 certification 	<ul style="list-style-type: none"> • HSHD • Double-completer potential with multiple POS

Programs to be Phased Out Completely: None

Strengthening Nevada's CTE Programs

Transportation, Distribution, and Logistics:

Program of Study	Course Sequence	Complementary Courses	Potential Dual Credit Opportunities	Potential Credential Opportunities	Assessments	Additional Notes
Automotive Technology	<ul style="list-style-type: none"> Automotive Technology I Automotive Technology II 	<ul style="list-style-type: none"> Intermediate Automotive Technology Automotive Technology AS Automotive Service Technician 	<ul style="list-style-type: none"> DT 100 AUTO 101, 105B, 130, 136, 136B, and 145 	<ul style="list-style-type: none"> ASE – if go through Complementary Intermediate and Automotive Service Technician 	<ul style="list-style-type: none"> Precision Exams – Possible Options NOCTI – Possible 	<ul style="list-style-type: none"> In process of transitioning to two years Double-completer potential with multiple POS
Aviation Maintenance Technician	<ul style="list-style-type: none"> Aviation Maintenance Technician I Aviation Maintenance Technician II 	<ul style="list-style-type: none"> Aviation Maintenance Technician AS 		<ul style="list-style-type: none"> FAA Certification 		<ul style="list-style-type: none"> Regional demand Double-completer potential with Aviation Technology
Aviation Technology	<ul style="list-style-type: none"> Aviation Technology I Aviation Technology II 	<ul style="list-style-type: none"> Aviation Technology AS 	<ul style="list-style-type: none"> AV 100B and 110B 	<ul style="list-style-type: none"> FAA Certification Pilots Test 		<ul style="list-style-type: none"> Regional demand Double-completer potential with Aviation Maintenance
Diesel Technology	<ul style="list-style-type: none"> Diesel Technology I Diesel Technology II 	<ul style="list-style-type: none"> Diesel Technology AS 	<ul style="list-style-type: none"> DT 100 and 101 AUTO 101 DTS 104 and 136 		<ul style="list-style-type: none"> NOCTI ASE 	<ul style="list-style-type: none"> Regional demand Double-completer potential with multiple POS

Programs to be Phased Out Completely: None. Automotive Service Technician converted to complementary course.

POS Changes Student Impact, Progression and Phase Out					
School Year	2020-21	2021-22	2022-23	2023-24	2024-25
Student A - Current POS	Level 1	Level 2	Level 3C		
Student B - Current POS	Level 2	Level 3C	Advanced Studies or Complementary course		
Student C - Current POS	Level 3	Advanced Studies			
Student D - Transition (No change to existing POS name)		Level 1 Existing Course	Level 2 New POS course	Advanced Studies, Complementary, New Dual-Enrollment, or other	
Student E - No Transition (Existing POS is phased out, rebranded, or renamed)		Level 1 Existing Course	Level 2 Existing Course	Level 3 Existing Course	
Student F - New POS			Level 1 New	Level 2 New	Advanced Studies, Complementary, New Dual-Enrollment, or other