

# Battle Mountain High School

425 Weaver Ave.  
Battle Mountain, NV 89820  
775-635-5436  
775-635-5469 fax

October 15, 2018

RE: CTE Coursework/Academic Credit

State Board of Trustees,

Lander County School District is requesting academic credit for the following Nevada CTE courses in accordance with NAC 389.672 and NAC 389.673. Please consider the following courses:

Agriculture Science 2

The Agriculture Science 2 course listed above have curriculum aligned to the current State CTE Skill Standards and in accordance with NAC 389.672. Heather Nield is State Certified in Biological Science and Agriculture Education. Lander County School District is requesting 1.0 academic science credit be awarded for the above mentioned course.

Thank you for your consideration,



Todd Thompson  
LCSD Board of Trustee President



Russell Klein  
LCSD Superintendent

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# Battle Mountain High School



425 Weaver Ave.  
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775-635-5436  
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September 10, 2018

RE: Academic Credit/CTE Application Committee Appointment

State Board of Trustees,

Lander County School District Committee Appointment for the academic credit application for CTE courses will be comprised of the following individuals:

- Jill Chambliss, CTE Advisory Committee Chair
- Hope Bauer, CTE Advisory Committee member
- Bob Tucker, CTE Advisory Committee member
- Manny Villanueva, CTE Advisory Committee member
- Dawn McClary, CTE Advisory Committee member
- Robert Hooper, CTE Advisory Committee member
- Sheila Miller, BMHS Biology Teacher
- Heather Nield, BMHS Agriculture Instructor

Thank you for your consideration,

A handwritten signature in black ink, appearing to read "Ronald Klein". The signature is written in a cursive style.

## Curriculum Alignment Document

### Agriculture Science I and II/ Academic Science Credit

Proposed Academic Credit for (Check One): <input type="checkbox"/> English <input type="checkbox"/> Math <input checked="" type="checkbox"/> Science	
<i>Note: When applying for Academic Science credit and not replacing a science course (e.g. Biology) standards alignment may include NVACSS from Physical Science, Life Sciences, Earth and Space Sciences, and/or Engineering Design</i>	
Name of Academic Course: Additional Science Credit	
Name of Academic Content Standards: Nevada Academic Content Science Standards	
Name of CTE Course (s): Agriculture Science I and II	
Include all standards or other specific learning objectives taught in the CTE course(s). Reference the CTE standard number	List the corresponding academic content academic standard code:
<i>Example: Differentiate between a plant and animal cell (Ag. Sci. 6.2.2)</i>	<i>Example: HS-LS1-2</i>
Explain that agriculture is a science (Ag. Sci. 1.1.2)	HS-LS4-4 HS-ESS3-1
Discuss the role of modern agriculture in basic human nutrition (1.1.5)	HS-ESS3-3 HS-ESS3-1
Organize the major technological developments that have occurred in agriculture (1.2.2)	HS-ESS3-4
Explain the role of government in the world's food supply (1.3.2)	HS-ESS3-1
List the steps of the scientific method (4.1.1)	HS-ETS1-2
Explain the steps in conducting research in agriculture, and conduct an appropriate research project (4.1.2)	HS-ETS1-2
Organize the major parts of a research report (4.1.3)	HS-ETS1-3
Determine the metric prefixes and units used for measuring length, volume weight, temperature, and area (4.3.2)	HS-LS2-1
Convert from one system of units to another system of units (4.3.3)	HS-LS2-1

Demonstrate proper use of common agriscience equipment (4.4.3)	HS-LS2-5 HS-LS3-2
Explain a cell's role and compare and contrast the types of cells (prokaryotic/eukaryotic)(5.2.1)	HS-LS1-1
Analyze the components of an animal cell and explain their functions (5.2.2)	HS-LS1-1
Define cell theory and examine the importance of mitosis (5.2.4)	HS-LS1-4
Identify and describe the stages of meiosis I and II (5.2.5)	HS-LS3-1 HS-LS3-2
Analyze the role of meiosis in spermatogenesis and oogenesis (5.2.6)	HS-LS3-2 HS-LS3-3
Compare and contrast mitosis and meiosis (5.2.7)	HS-LS3-2 HS-LS3-4
Analyze the effects of DNA sequencing on crossbreeding (5.3.3)	HS-LS3-3
Identify the major parts and describe the functions of the digestive system in livestock (5.4.1)	HS-LS1-1
Analyze the major nutrients and their importance to animals (5.4.2)	HS-LS1-6 HS-LS1-7 HS-LS2-4
Identify two categories of disease and determine the causes of each (5.5.2)	HS-LS3-2
Recognize the two categories of immunity and compare the types in each category (5.5.3)	HS-LS1-2
Identify good animal health management practices (5.5.4)	HS-LS3-3
State the classification and naming of plants (6.1.1)	HS-LS4-2
Distinguish two major groups of plants (6.1.2)	HS-LS4-2 HS-LS1-2
Compare the classification of plants by life cycle (6.1.3)	HS-LS1-5
Label the parts of a plant cell (6.2.1)	HS-LS4-1
Differentiate between a plant and animal cell (6.2.2)	HS-LS1-2
State the function of plant cell organelles (6.2.3)	HS-LS1-2

Analyze the process of photosynthesis (6.3.1)	HS-LS1-5
Formulate the process of cellular respiration (6.3.2)	HS-LS1-7 HS-LS2-3
Describe plant growth processes (6.3.3)	HS-LS1-7
Summarize why photosynthesis and respiration are important to human beings (6.3.4)	HS-LS2-5
Identify and describe the parts of a flower (6.4.1)	HS-LS4-1
Explain the purpose of a flower (6.4.2)	HS-LS4-2
List different types of flowers (6.4.3)	HS-LS4-2
Describe the difference between monocot and dicot flowers (6.4.4)	HS-LS1-4
Explain the importance of plant propagation (6.5.1)	HS-LS1-4 HS-LS3-3
Compare the difference between sexual and asexual propagation (6.5.2)	HS-LS2-8 HS-LS3-1 HS-LS3-3
Demonstrate asexual propagation (6.5.3)	HSIKS2-8 HS-LS3-1 HS-LS3-3
Differentiate between macronutrients and micronutrients (6.6.1)	HS-LS1-2
Describe pH and how it is modified (6.6.2)	HS-LS4-4
Describe the components of a fertilizer (6.6.3)	HS-LS2-5
Categorize the methods of safely applying agricultural chemicals to crops (6.6.4)	HS-LS2-5
Explain the role of agriculture chemicals in crop production (6.6.5)	HS-LS2-5
List the components of soil (7.1.1)	HS-ESS2-1 HS-ESS2-2 HS-ESS2-3
Describe the concept of soil texture and its importance (7.1.2)	HS-ESS2-2

Classify the texture of a soil sample (7.1.3)	HS-ESS2-2
Identify various soil structures, their formation, and importance in agriculture production (7.1.4)	HS-ESS2-5
Define soil erosion and describe the two classes of erosion (7.2.1)	HS-ESS2-5
Identify the causes of soil erosion and the steps in the erosion process (7.2.2)	HS-ESS2-2 HSESS2-5
Identify basic career information related to soil science (7.3.1)	HS-ESS2-3
Classify greenhouse designs (8.2.1)	HS-ETS1-3
Review consideration for greenhouse frameworks (8.2.2)	HS-ETS1-3
Identify and describe glazing materials (8.2.3)	HS-ETS1-2
Describe the functions of the headhouse (8.2.4)	HS-ETS1-2
List greenhouse bench options (8.2.5)	HS-ETS1-2
Define and identify types of natural resources (10.1.1)	HS-LS2-5
Distinguish between renewable and nonrenewable resources (10.1.2)	HS-LS2-4 HS-LS2-5
Compare the difference between inexhaustible and exhaustible resources (10.1.3)	HS-LS2-4
Recognize how humans use natural resources (10.2.1)	HS-ESS3-3
Identify the urban and rural impacts of natural resource use (10.2.2)	HS-ESS1-1 HS-ESS3-2 HS-ESS3-3 HS-ESS3-4
Analyze the impact of recycling and reusing resources (10.2.3)	HS-ESS3-2 HS-ESS3-4
Critique the importance of conservation and preservation (10.3.1)	HS-ESS3-4
Identify the effects of humans on the environment, including the greenhouse effect (10.3.2)	HS-ESS-3-4 HS-LS4-6

Identify types of natural resource damage (10.3.3)	HS-ESS3-1
Define ecology and ecosystems (10.4.1)	HS-LS2-1
Explain natural selection and succession (10.4.2)	HS-LS2-8 HS-LS3-2 HS-LS4-4
Identify biomes and explain ecosystem diversity (10.4.3)	HS-LS2-6
Diagram and explain the nitrogen, phosphorus, carbon, and water cycle (10.4.4)	HS-ESS2-5 HS-ESS2-6 HS-LS2-4 HS-LS2-5
Identify Nevada's bioregions (10.5.1)	HS-LS2-6
Explain effects of invasive species (10.5.2)	HS-LS2-6
Explain six rangeland management concepts (10.5.3)	HS-LS2-7

**LANDER COUNTY SCHOOL DISTRICT  
DISTRICT ADMINISTRATIVE OFFICE  
450 E. 6<sup>TH</sup> STREET  
BATTLE MOUNTAIN, NV 89820  
November 13, 2018  
5:30 P.M.**

*A recorded CD is available for review of this meeting in its entirety.*

**A. CALL TO ORDER**

President Todd Thompson called the meeting to order at approximately 5:34p.m. at the Lander County School District Office, 450 E. 6<sup>th</sup> Street, Battle Mountain, Nevada.

President Todd Thompson led the assembled group in the Pledge of Allegiance.

**Roll Call - Taken by President Todd Thompson**

**Present:**

Todd Thompson	(President)
Mike Chopp	(Clerk)
Linda McMahon	(Trustee)
Elizabeth Torre	(Trustee)
Anna Penola	(Trustee) by phone 5:37pm
Russ Klein	(Superintendent)
Lorrie Sparks	(Principal)
Toby Melver	(Principal)
Sondra Torgerson	(Principal)
Milo Jury	(Director of Admin Services)

**Absent:**

Mark Lake	(Trustee)
John Davis	(Trustee)

**C. APPROVAL AND ADOPTION OF NOTICED AGENDA- For Possible Action**

The agenda was amended to accommodate a board member on the phone. Items are out of order. Consent Item #2 will be removed.

**Trustee Torre made the motion to approve and adopt the amended agenda. Trustee Chopp seconded the motion. The motion carried unanimously by those present.**

**Vote:**

**Aye – President Todd Thompson, Trustees Mike Chopp, Liz Torre, and Anna Penola**

**Nay – 0**

**Abstain – 0**

**D. SPECIAL PROGRAM**

- 1. Oath of Office Administered to the Newly Appointed Board Member-**The Superintendent will administer the Oath of Office to the newly appointed Lander County School District Board Trustee.

President Thompson explained that the trustee from Austin resigned and Linda McMahon was the only person who put in for the position.



Trustee Penola made the motion to approve Linda McMahon for the seat for Austin. Trustee Torre seconded.

Vote:

Aye – President Todd Thompson, Trustees Mike Chopp, Liz Torre, and Anna Penola

Nay – 0

Abstain – 0

#### F. CONSENT ITEMS

4. **Approval of Winter Coaches-** Girls Basketball-Paul Tremayne & Jordan Waugh-Volunteer, Boys Basketball-Jose Andrade, Amber Schmidt-Spirit Squad, Wrestling Volunteer coaches-Mike Williams, Mike Chopp, Jeff Oakes

Trustee Torre made the motion to approve Consent Item #4 the winter coaches, Trustee Penola seconded.

Vote:

Aye – President Todd Thompson, Trustees Linda McMahon, Liz Torre, and Anna Penola

Nay – 0

Abstain – Trustee Chopp (He abstained due to being one of the coaches)

Trustee Penola left the meeting.

#### B. PUBLIC COMMENT-*The following may not be verbatim. A copy of this meeting's recording is available.*

Jason Bleak, CEO of the hospital, donated medical bags with supplies for our sports and trip buses.

#### E. INFORMATIONAL ITEMS

1. **Technology Update** - The Board will hear about the current state of technology in the district. Representatives from Oasis Online will be present to answer questions.

Mr. Dan Slentz went over a quick report (attached)

2. **Eleanor Lemaire Junior High School Highlights-** Dr. Melver will present to the Board highlights from the school.

After going over the Junior High highlights, (presentation is attached), Dr. Melver recognized two students who got a perfect score on the ELA SBAC national test. The students were Jennifer Staton and Desatoya Coombs.

#### E. CONSENT ITEMS - *For Possible Action*

1. **Approval and Payment of Bills and Warrants totaling \$1,336,814.91**  
(Accounts Payable for October 3<sup>rd</sup> \$1,084.71, Oct 10<sup>th</sup> \$359,081.48, Oct 24<sup>th</sup> \$51,835.66, Nov 1<sup>st</sup> \$112,455.65  
Payroll for October 10<sup>th</sup> \$421,015.40 & 25<sup>th</sup> \$391,342.01)
2. ~~Approval of Minutes for the Meeting Held on October 9<sup>th</sup>~~ (this item was removed until the next meeting)
3. **Approval of the 1<sup>st</sup> Quarter Class Size Reduction Report**
4. ~~Approval of Winter Coaches-~~ Girls Basketball-Paul Tremayne & Jordan Waugh-Volunteer, Boys Basketball-Jose Andrade, Amber Schmidt-Spirit Squad, Wrestling Volunteer coaches-Mike Williams, Mike Chopp, Jeff Oakes (already acted on, see above)
5. **Approval of the Out of District Attendance Contracts**

## 6. Approval of the School Performance Plans

Trustee Torre made the motion to approve the Consent Items 1, 3, 5, &6. Trustee Chopp seconded.

Vote:

Aye – President Todd Thompson, Trustees Mike Chopp, Linda McMahon, and Liz Torre

Nay – 0

Abstain – 0

## G. ACTION ITEMS- For Possible Action

1. **Audit of 2017-2018 (FY18) Lander County School District Budget** –The Board review and possibly take action to approve Hinton-Burdick audit of the school district's budget.

Trustee Chopp made the motion to accept the audit as presented. The motion was seconded by Trustee Torre.

Vote:

Aye – President Todd Thompson, Trustees Mike Chopp, Linda McMahon, and Liz Torre

Nay – 0

Abstain – 0

2. **Approval of the Corrective Action Plan from the FY18 Audit.**

Trustee Chopp made the motion to Approval of the Corrective Action Plan from the FY18 Audit. The motion was seconded by Trustee Torre.

Vote:

Aye – President Todd Thompson, Trustees Mike Chopp, Linda McMahon, and Liz Torre

Nay – 0

Abstain – 0

3. **Approval of the Academic Credit Renewal for Ag Science 2-** BMHS is seeking approval from the Board of the renewal application to the NDE Board of Trustees to allow students who complete Ag Sci 1 & 2 to receive science academic credit for graduation.

Trustee Torre made the motion to Approval of the Academic Credit Renewal for Ag Science 2. Trustee Chopp seconded.

Vote:

Aye – President Todd Thompson, Trustees Mike Chopp, Linda McMahon, and Liz Torre

Nay – 0

Abstain – 0

- 4. Approval of a Zone Variance Request-**The Board will discuss and possibly approve a zone variance request from parents in Kingston.

**Trustee McMahon made the motion to approve the zone variance request. Trustee Torre seconded.**

**Vote:**

**Aye – President Todd Thompson, Trustees Mike Chopp, Linda McMahon, and Liz Torre**

**Nay – 0**

**Abstain – 0**

- 5. Approval of the Work-Based Learning Application-** The high school guidance counselor, Neill Jenson, will briefly explain what the program is and how it benefits the students. The Board will discuss and possible take action to approve the application.

Mr. Jenson presented to the Board an outline of the program and the application. After some discussion the following motion was made.

**Trustee Chopp made the motion to approve the work based learning program. Trustee McMahon seconded.**

**Vote:**

**Aye – President Todd Thompson, Trustees Mike Chopp, Linda McMahon, and Liz Torre**

**Nay – 0**

**Abstain – 0**

- 6. Request for Purchase of NV PERS Service for an Employee -** The Board will review a request from an employee and possibly take action to purchase a year of service.

Mr. Klein made the suggestion to defer this item until the new Board comes on in January and after the district has created a strategic.

**Trustee Chopp made the motion to table Action Item 6 and was seconded by Trustee Torre.**

**Vote:**

**Aye – President Todd Thompson, Trustees Mike Chopp, Linda McMahon, and Liz Torre**

**Nay – 0**

**Abstain – 0**

## **G. SUPERINTENDENT'S REPORT**

- NASB conference this week.
- Wednesday Wellness for the district staff. For an hour from 4-5p at the RecCenter. This is a fun setting for the district to socialize and have fun.

**H. FUTURE AGENDA ITEMS-**The Board may make suggestions for items or topics to be placed on future agendas for Board consideration. Items suggested here may not necessarily be placed on a future agenda.

Trustee Chopp has requested reports from Austin.

**I. ADJOURNMENT**

**Trustee Torre moved to adjourn the meeting at approximately 7:08 p.m. Trustee Chopp seconded.**

**Vote:**

**Aye – President Todd Thompson, Trustees Mike Chopp, Linda McMahon, and Liz Torre**

**Nay – 0**

**Abstain – 0**

**Respectfully Submitted,  
Rebecca Killeen, Board Secretary**

**These minutes were approved at the meeting of December 11, 2018.**

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**Todd Thompson, President**

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**Mike Chopp, Clerk**

# Battle Mountain High School

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Dear Parent/Guardian of

Your son/daughter is enrolled in the career and technical education program of study \_\_\_\_\_ that qualifies for academic credit. By successfully completing the CTE coursework, he/she may earn up to \_\_\_\_ credit in the academic area of \_\_\_\_\_.

Please note that while the academic credit earned through CTE coursework is designed to meet the requirements for high school graduation, the academic credit may not necessarily be accepted for academic credit by a specific postsecondary institution.

Sincerely,

Heather Nield  
Agriculture Science Teacher