

Regular Meeting
Monday, March 16, 2020 5:30 PM
Administration Building
2508 27th Street
Columbus, NE 68601

- I. Board Meeting
 - A. Call to Order
 - B. Roll Call of Board
 - C. Pledge of Allegiance
 - D. Notice of Open Meeting Posted
 - 1. President insures all can hear proceedings
 - E. Mission Statement
 - F. Opportunity for Public to be Heard
 - G. Presentations
 - 1. Emerson Presentation
 - H. Adjourn to go into Executive Session
 - I. Executive Session
 - J. Adjourn Executive Session
 - K. Board Special Functions
 - 1. Consideration of candidates to fulfill the remaining term of Mike Goos
 - 2. First Reading of Policy 413.01 Support Staff Compensation
 - 3. CHS Course Handbook Approval
 - 4. First Reading of Policy 905.07 School Closings and Cancellations
 - 5. Resolution to delegate the authority to the Superintendent to do ministerial duties such as approving payroll and bills if the board can not meet

between now and December 31, 2020.

L. Items to be removed from the Consent Agenda

M. Consent Agenda

1. Approval of Minutes
2. Financial Reports M2, M3, M4a
3. Financial Report M5
4. Certified Personnel
5. Classified Personnel
6. Professional Travel

N. Acceptance of Gifts/Donations

O. Business Operations and Human Relations

1. Policies
 1. Second and Final Reading of Policy 413.01 Support Staff Compensation
2. Administrative Functions
 1. Tuition rates for the District and Special Education, 2020-2021
3. Updates

P. Buildings & Sites/Technology

1. Administrative Functions
2. Updates

Q. Curriculum and Instruction

1. Administrative Functions
 1. Social Studies Standards

2. Purchase of K-4 Science Materials

2. Updates

R. Student Services

1. Administrative Functions

1. 2020-21 CPS Contract with ESU 7

2. Updates

S. Superintendent's Report

T. Board Sharing

II. Adjourn

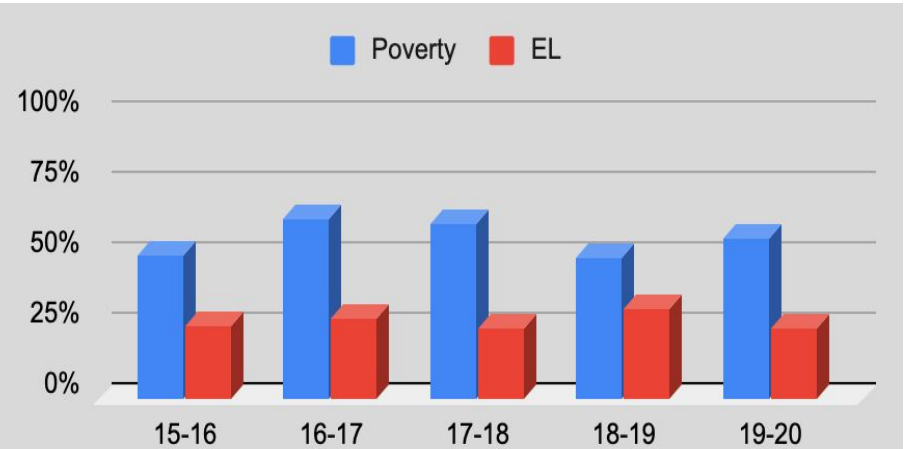
EMERSON ELEMENTARY



Home of the Crusaders!

Emerson Demographics

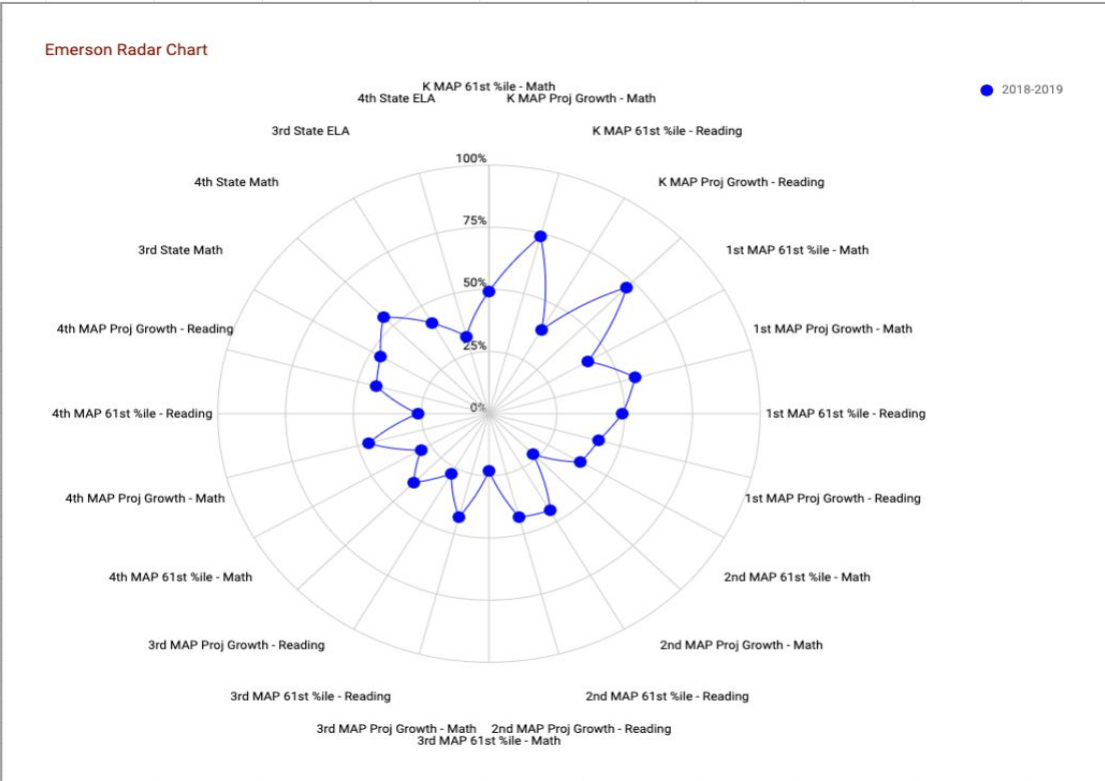
Emerson Demographic Profile			
	Poverty	SPED	EL
15-16	51%	%	26%
16-17	64%	%	28%
17-18	62%	%	25%
18-19	50%	%	32%
19-20	57%	13%	25%



Emerson Demographic Profile

Emerson 2018-2019 Radar Chart

Emerson Data Points	2018-2019
K MAP 61st %ile - Math	49%
K MAP Proj Growth - Math	74%
K MAP 61st %ile - Reading	39%
K MAP Proj Growth - Reading	72%
1st MAP 61st %ile - Math	42%
1st MAP Proj Growth - Math	56%
1st MAP 61st %ile - Reading	49%
1st MAP Proj Growth - Reading	42%
2nd MAP 61st %ile - Math	39%
2nd MAP Proj Growth - Math	23%
2nd MAP 61st %ile - Reading	45%
2nd MAP Proj Growth - Reading	43%
3rd MAP 61st %ile - Math	23%
3rd MAP Proj Growth - Math	43%
3rd MAP 61st %ile - Reading	28%
3rd MAP Proj Growth - Reading	39%
4th MAP 61st %ile - Math	29%
4th MAP Proj Growth - Math	46%
4th MAP 61st %ile - Reading	26%
4th MAP Proj Growth - Reading	43%
3rd State Math	46%
4th State Math	55%
3rd State ELA	42%
4th State ELA	32%



Continuous Improvement Goals K-2

Reading

K- If students receive practice sets in a small group in addition to the whole group practice, (double dose of practice sets) then students will show proficiency in all of their clipboard checks and that should turn carry over to DIBELS & decoding fluency in MAP data.

1st-If teachers provide targeted interventions based on student need (fluency, SIPPS, targeted phonics/HFW practice, EL, 911 cards) during WIN and additional HFW practice during the reading block, students will increase their oral reading fluency.

2nd- If we commit to doing 6 Minute Solutions 4 times a week during WIN time with the passages at their level and focusing on high frequency words during WIN we will see improvement on the DIBELS test and within MAP scores in the area of fluency.

Math

K- If we practice comparing numbers for 3-5 minutes/5 days a week during Quick Practice and Daily Routines, then students will grow their understanding which in turn will lead to higher scores in the Number Strand portion of MAP.

*1st- If we add a **number sense practice** everyday in QP/DR (i.e. counting on from any given number, use greater than less than terms), then students will increase their number sense as the year goes on and score higher in the Number Sense strand of Map. This will be tracked using an L to J format every 3 weeks.*

2nd- If we commit to having students practice number sense (i.e. reading and writing numbers in word form, digit form and expanded form from 1,000 also comparing two three-digit numbers and count to 1,000 by twos, fives, tens and hundreds every morning as a “must do” bell work activity, then our MAP scores in number sense will increase.

Continuous Improvement Goals 3rd-4th

Reading

3rd- If we spend more time during whole group and WIN instruction in informational text to identify topic, main idea, and supporting details then we will see an increase in testing scores for third grade students.

4th- We will give small group instruction using informational text to identify topic, main idea, and supporting details using the CPS comprehension instructional procedures card (second exposure). Students will use a variety of graphic organizers so they will be able to identify the skills above independently. Students will then show success on the MAP test.

Math

3rd & 4th- If we have quality, fidelity, intensity, and consistency with the Math Expressions resource then our students will increase their math content and skills knowledge by using the Backward Design.



Rayden DeLawter
2nd Grade



Laura Wellman
3rd Grade



Rylee Spencer
1st Grade



Nathan Sliva
3rd Grade



Caitlin Vering
4th Grade




Angie Luebbe
Emerson Principal

New Faces at Emerson



Student of the Month Assemblies

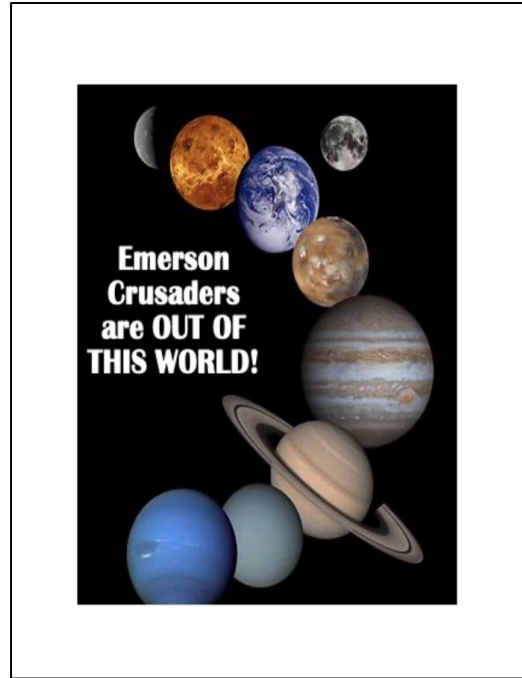
**EMERSON CRUSADERS
OUT OF THIS WORLD!**



Be Safe
 Be Responsible
 Be Respectful

Student Name: _____

Teacher Name: _____



*Positive Behavior Recognition
A Culture of Positivity!*



Ginger Darveau
School Counselor



Kayla Heard
Second Grade Teacher



Alicia Hoadley
Special Education Teacher



Caitlin Vering
Fourth Grade Teacher



Angela Luebbe
Principal

My Drive > EMERSON > Emerson Staff Info > BIST

Folders

- Behavior Modification ...
- BIST Plans 19-20
- BIST VISION TEAM AG...
- BIST Visits 2019-2020

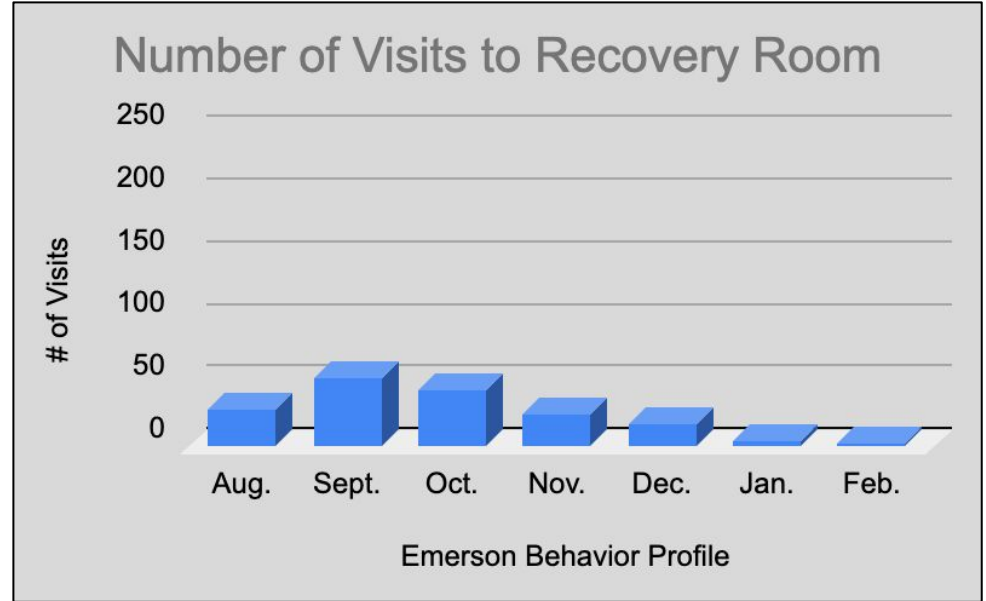
Files

- BIST Leveled Recess.pdf
- Buddy Rooms
- Common Goals with P...
- Copy of BIST Continu...
- Partnering Phone Calls...
- Partnering with Parent...
- Safe Seat.docx
- safe seat words.pdf
- Sorting It Out 2019/20
- Steps To Have a Stud...

The image shows a Google Drive interface with a grid of file thumbnails. The thumbnails include various documents such as 'BIST Leveled Recess.pdf', 'Buddy Rooms', 'Common Goals with P...', 'Copy of BIST Continu...', 'Partnering Phone Calls...', 'Partnering with Parent...', 'Safe Seat.docx', 'safe seat words.pdf', 'Sorting It Out 2019/20', and 'Steps To Have a Stud...'. The interface also shows a 'Folders' section with 'Behavior Modification ...', 'BIST Plans 19-20', 'BIST VISION TEAM AG...', and 'BIST Visits 2019-2020'. The top navigation bar shows the path 'My Drive > EMERSON > Emerson Staff Info > BIST'.

BIST @ Emerson

Emerson Behavior Profile	
	# of Visits
Aug.	29
Sept.	53
Oct.	44
Nov.	24
Dec.	17
Jan.	4
Feb.	2



Recovery Room Visit Data



*Monthly PTO Family Nights
Valentine's Day*



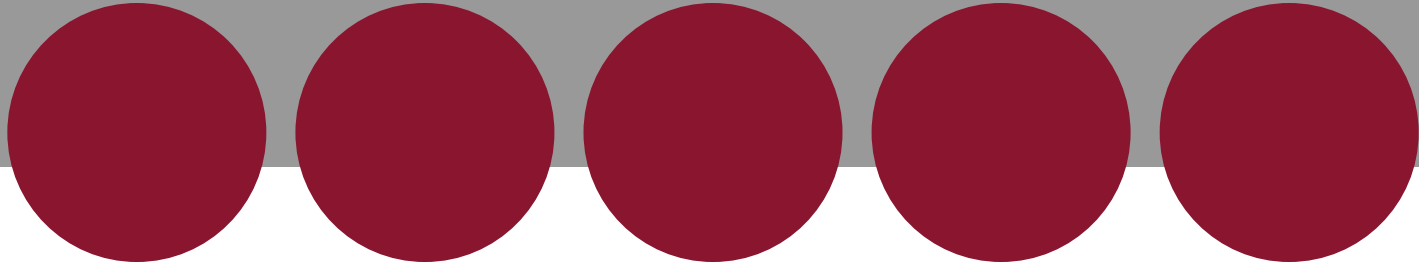
Student Council/P.T.O

Family Movie Night



Emerson Family...2020!
Go Crusaders!

Emerson Elementary



Thank you!

SUPPORT STAFF COMPENSATION

The Board shall determine the compensation to be paid for support staff positions. It shall be the responsibility of the superintendent to make a recommendation to the Board annually regarding the compensation of support staff.

In situations designated by the Superintendent, the Board authorizes compensation of one-half of identified support staff members' daily wages when it is not possible for the employee to report for work due to failure of the District to provide work due to a school closure during an epidemic sickness or for reason of a natural disaster, sustained inclement weather, or lack of an operational work site. The Superintendent shall notify the Board President in a timely manner when such a situation has been designated and for which employees such compensation will be provided.

Cross Reference: 413.02 Support Staff Wage and Overtime Compensation

Policy adopted: 3/13/06
Policy revised: 3/11/2020
Policy adopted: 3/16/2020

COLUMBUS PUBLIC SCHOOLS
Columbus, Nebraska

Columbus High School

**A Special Welcome to the
Class of 2024**



**2020-2021 Course Descriptions
Your College and Career Readiness Guide**

NOTICE OF NONDISCRIMINATION

Employees, students, and parents of secondary school students, are hereby notified that this institution does not discriminate on the basis of race, color, national origin, sex, age, or handicap in admission or access to, treatment or employment in its programs and activities. Any person having inquiries concerning Columbus City School District #1 compliance with the regulations implementing Title VI, Title IX, or Section 504 is directed to contact Dr. Troy Loeffelholz, Superintendent, Columbus City School District #1, 2508 27th Street, Columbus, Nebraska 68601, telephone number 402-563-7000. Dr. Troy Loeffelholz has been designated by Columbus City School District #1 to coordinate the institution's efforts to comply with the regulations implementing Title VI, Title IX, and Section 504. Any person may also contact the Assistant Secretary for Civil Rights, U.S. Department of Education, regarding the institution's compliance with the regulations implementing Title VI, Title IX, or Section 504.

NOTIFICATION OF AMERICAN DISABILITIES ACT

If you have any special needs requests that will assist you in participating in programs, services or activities of the Columbus Public Schools, please contact Dr. Troy Loeffelholz, Superintendent.

Disclaimer Notice

Columbus High School (CHS) Administration reserves the right to modify the CHS Course Description Book, as necessary, in order to meet the needs of our students and adhere to Nebraska Department of Education requirements.

Columbus High School

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Columbus NE 68601

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(Last Names beginning with A-K)

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(Last Names beginning with L-Z)

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Connect With Us Through Social Media

CHS Website:

www.columbuspublicschools.org

CHS Twitter:

@DiscovererWay

CHS Facebook:

Columbus High School@ColumbusHighSchoolNE

Columbus High School

Home of the Discoverers



Welcome Students!

This handbook is your college and career readiness guide. It contains a wealth of information to guide you as you plan your high school experience. The ultimate goal of high school is to prepare you to be on track toward college and career readiness. The ACT organization identifies a student who can qualify for and succeed in entry-level, credit-bearing college courses without the need for remedial or developmental course work in college level English Composition, Social Science, College Algebra and Biology as college ready. The life skills needed for college readiness are self-management, communication, collaboration, personal goal setting, problem solving and critical thinking.

Career readiness is the attainment and demonstration of required competencies that broadly prepare a person for a successful transition into the workplace. A career ready person capitalizes on personal strengths, talents, education and experiences to bring value to the workplace and the community through his/her performance, skill, diligence, ethics and responsible behavior.

The Nebraska Department of Education has defined a career ready individual as one who...

1. Applies appropriate academic and technical skills
2. Communicates effectively and appropriately
3. Contributes to employer and community success
4. Makes sense of problems and perseveres until solving them
5. Uses critical thinking
6. Demonstrates innovation and creativity
7. Models ethical leadership and effective management
8. Works productively in teams and demonstrates cultural competency
9. Utilizes technology
10. Manages personal career development
11. Attends to personal and financial well-being

This guide will help you realize that you do have choices that will prepare you to be college and career ready upon graduation. Beginning with your Freshman year, you will develop a personal learning plan. The plan will help guide you as to which courses to take at Columbus High School in support of your intended career pathway. The School Counseling and Career Center staff will encourage you to evaluate your options and to define your goals as you prepare for the career you want to pursue.

If you have any questions regarding your college and career planning, please visit with your school counselor, career coordinator or homeroom teacher.

Graduation Requirements

Columbus High School runs a 7-period day bell schedule, which allows for more consistency throughout the student's day and a better balance of class sizes from one period to the next. With the spring state ACT test now being the state proficiency assessment for juniors, students have the benefit of being in core courses for the entire year. Columbus High School adopted the 10-point grade scale to align with Central Community College grade scale for dual credit courses and to encourage students to enroll in more rigorous courses in support of the district goal to graduate students who are college and career ready. Students can earn 70-credits per year.

Class of 2021 & 2022		Class of 2023		Class of 2024 & Beyond	
Subject	Credits Required	Subject	Credits Required	Subject	Credits Required
English	35	English	35	English	35
Speech	5	Speech	5	Speech	5
Mathematics	30	Mathematics	30	Mathematics	30
Science	30	Science	30	Science	30
Geography	5	Geography	5	Geography	5
World History	10	World History	10	World History	10
US History	10	US History	10	US History	10
American Government	5	American Government	5	American Government	5
Economics	5	Economics	5	Economics	5
Physical Education	10	Physical Education	10	Physical Education	10
Health	5	Health	5	Health	5
*Fine & Applied Arts	5	*Fine & Applied Arts	5	*Fine & Applied Arts	5
Career Education or JAG	5	Personal Finance	5	Personal Finance	5
Electives	65	Electives	65	*Freshman Seminar	5
				Electives	60
Total Credits	225	Total Credits	225	Total Credits	225

*All art, music and theatre classes meet the Fine / Applied Arts graduation requirement. In addition the Fine / Arts graduation requirement can be met by successfully completing the following career and technical education class including Architectural Drafting & Design; Computer-aided Drafting; Digital Design; Engineering Concepts; Intro to Manufacturing Woods; Linkages; Manufacturing Processes and Web Design.

Midterm Graduation

Seniors considering midterm graduation must fill out an application to be reviewed by Senior Counselors and Building Principal. Applications for Midterm Graduation are to be submitted by **the first full day of 1st semester classes**. All applications for Midterm graduation will be submitted to the Columbus Public Schools Board of Education for approval at their September Board meeting. Approved seniors who have earned 225 credits by the end of the first semester may take their diploma at the end of January or participate in the May graduation ceremony.

If a student is not on track to graduate but has a full schedule, he/she may order up to four correspondence courses to fulfill elective requirements. These courses will be paid for by the parents/students. In order to prepare for graduation, these courses must be completed by the end of Semester 1 of their senior year. Students and parents should refer to the CHS Student Handbook section regarding guidelines for Midterm Graduation.

Registration

REGISTRATION PROCESS

Current 9th, 10th, and 11th graders:

The school counselors will provide information about required and elective coursework and the registration process. At this time, registration materials will be distributed. School counselors will meet with students during 2nd semester to complete the registration process.

Suggestions for planning your school year:

- Consult with your teachers about what would be the next appropriate course for you. Because many courses require prerequisites, it is important for you to choose classes in which you are prepared and can obtain success.
- Meet with your school counselor to discuss your goals and abilities. Your school counselor will help develop and update your tentative four-year plan.
- Involve your parents and/or guardians. Your parents and/or guardians are encouraged to attend the registration meeting to be aware of your plans and will be able to help you make important decisions regarding your future.

SCHEDULE CHANGES

Schedule change requests after school has begun will be based upon course availability and class size. We would like students to accept responsibility for their decisions and remain accountable for those decisions. Any exceptions to this time frame must have administrative approval and be due to extenuating circumstances to be considered. Any schedule changes will require parental approval.

Because of the complexities of the scheduling process, the following guidelines have been devised for making schedule changes:

1. New students will be scheduled before any existing student schedules will be changed.
2. In making schedule changes, the school counselors will check teacher loads before adding students to classes.
3. Freshman and sophomore schedule changes will be considered only after juniors and seniors.

Semester-long course schedule changes

Students who request dropping a semester-long course must have filled out a schedule change request by the first three days of the current semester. Students wanting to change a semester-long course must have done the following for a schedule change to occur:

1. Communication between the school counselor, grade-level administrator and parent must occur.
2. Schedule request form must be filled out.

Registration

SCHEDULE CHANGES: cont.

Year-long course schedule changes for 2nd semester, failing class

Students must have filled out a schedule change request by the first grading period. In the request, the student must indicate why he/she wants to change a class. The teacher will have to indicate the grade over the course of the semester, level of effort, and/or any behavior issues. Students must obtain a parent signature for approval. Students failing a 10-credit course must have done the following for a schedule change to occur:

1. Completed all assignments, quizzes, and tests to the best of their ability
2. Met with the teacher to develop a corrective plan of assistance
3. Followed the plan of assistance
4. Attended a conference which included the teacher, school counselor, grade-level administrator, and parent

All changes need to be made before the end of 1st semester.

Year-long course schedule changes for 2nd semester, not failing class

Students who request dropping a 10-credit elective class, including the fourth year of math or science, but are not failing must have filled out a schedule change request by the first grading period. Students wanting to change a 10-credit course must have done the following for a schedule change to occur:

1. Communication between the teacher, school counselor, grade-level administrator, and parent must occur
2. Schedule request form must be filled out

In the request, the student must indicate why he/she wants to change a class. The teacher will have to indicate the grade over the course of the semester, level of effort, and/or any behavior issues. The school counselors will review the schedule change requests to make sure that there is space in the new class. Students must obtain a parent signature for approval. All changes need to be made before the end of 1st semester.

Grading Procedures

Class Rank and Grade Point Average

A cumulative grade point average and class rank will be determined at the end of each semester. All weighted grade courses will be included. Advanced Placement and Honors courses will be the only courses to receive weighted grade status.

Regular Courses (Unweighted)

A+	=	4.0	98 - 100%
A	=	4.0	90 - 97%
B+	=	3.0	87 - 89%
B	=	3.0	80 - 86%
C+	=	2.0	77 - 79%
C	=	2.0	70 - 76%
D+	=	1.0	67 - 69%
D	=	1.0	60 - 66%
F	=	0.0	Below 60%

Weighted Grade Courses

A+	=	5.0	98 - 100%
A	=	5.0	90 - 97%
B+	=	4.0	87 - 89%
B	=	4.0	80 - 86%
C+	=	3.0	77 - 79%
C	=	3.0	70 - 76%
D+	=	1.0	67 - 69%
D	=	1.0	60 - 66%
F	=	0.0	Below 60%

INCOMPLETE GRADES

Any student who has received an "Incomplete" grade during the Semester 1 grading period must have the "I" removed within 10-school days following the start of Semester 2 classes. The subject teacher is to issue a failing grade for only the work not completed and then compute the grade for the grading period. Any "Incomplete" on the end of the year report card must be changed within 10-days of the last day of school. It is the teacher's responsibility to finalize the incomplete grade during the 10-day grace period. Any extenuating circumstances are to be shared with the grade level administrator for approval of an extension to the deadline date.

Early Entry College Opportunities

Seniors who want to get an early start on college credits may participate in the Early Entry program at Central Community College.

Students participating in this program are responsible for all of their own expenses for college classes including but not limited to tuition and books. They will receive college credit upon successful completion of the classes. **Students will not be allowed to drop the college class once the class has begun.**

Criteria for enrollment:

- 1) Check with college to verify students meet age and/or grade level requirement
- 2) Students must have attained a 2.5 cumulative grade point average.
- 3) Students must meet eligibility requirements in order to take college classes while in high school. ACT test scores, Accuplacer or MAPS test scores will be used to determine eligibility.

CCC Classes Taken at CHS Campus

Students enrolled in a CCC class being taught by a CCC instructor at the CHS campus, whether for college credit or dual credit, will be required to follow CHS attendance expectations. These expectations will be communicated to students on the first day of class each semester. Students taking college classes at CHS campus will be expected to attend an assigned area on the days when there is no college class.

Dual Credit - CCC and Nebraska Wesleyan

These courses are college level courses taught at CHS by a CHS instructor through CCC and Nebraska Wesleyan. They apply towards a high school diploma and a college degree. Students must pay tuition to receive the college credit. Updates on new course titles for Dual Credit will be shared as they become available. Nebraska Wesleyan will only give credit to juniors and seniors.

Early Entry Comparison Table

	Dual Credit (DC) (CHS Instructors)	Dual Credit (CCC Instructors)	College Credit Only (CCC Instructors)
Description	Earn CHS credit and college credit at the same time through CCC or Nebraska Wesleyan University (NWU) by taking a CHS class.	Take a CCC class in the DL Classroom at CHS. The teacher will be in the classroom or on a monitor.	Enroll for class through CCC for college credit only.
Cost	Tuition	Tuition & Books	Tuition & Books
Requirements	<ul style="list-style-type: none"> • Fill out the paperwork in class to enroll 	<ul style="list-style-type: none"> • Must have a 2.5 GPA • ACT or MAPS test scores must be on file at CCC • Students may not drop the class once it has begun 	<ul style="list-style-type: none"> • Must have 180 credits • Must have a 2.5 GPA • ACT or MAPS test scores must be on file at CCC • Students may not drop the class once it has begun • Students provide their own transportation

Dual Credit Courses

Columbus High School Courses	Central Community College Courses		
	CCC Course #	Semester Credit	CCC COURSE TITLE
Introduction to Automotive Technology	AUTO 1000	2	Basic Shop Practices
Basic Automotive Technology Service	AUTO 1100	3	Automotive Electrical Systems 1
Intermediate Automotive Technology Service	AUTO 1020	2	Basic Shop Practices - Fasteners & Job Management
	AUTO 1800	3	Brakes, Steering, Suspension, Tire Balance 1
Advanced Automotive Technology Service	AUTO 1200	2	Manual Transmissions and Clutches
Advanced Manufacturing Design	AMDT 1030	3	Manual Machining (CHS S1 Class)
	AMDT 1080	3	Introduction to CNC (CHS S2 Class)
Residential Framing	CNST 1500	3	Advanced Construction
Principles of Construction Technology	CNST 1400	2	Residential Components
Advanced Construction Technology	CNST 1200	1	Construction Safety
Environmental Science	BIOS 1060	3	Environmental Science
Environmental Science Lab	BIOS 1070	1	Environmental Science Lab
Honors Biology	BIOS 1010	4	General Biology
Basic Electronics	INDT 1100	3	Concepts of Electronics I
Advanced Electronics	INDT 1120	3	Concepts of Electronics II
Mechatronics I	INDT 1190	2	Fluid Power Systems
Mechatronics II	INDT 2140	3	Applications of Fluid Power
US History - Dual Credit	HIST 2020	3	American History II
Technical Math	MATH 1020	3	Technical Mathematics
College Algebra	MATH 1150	3	College Algebra
Acc Pre-Calc with Trigonometry	MATH 1410	5	Pre-Calculus
Pre-Calc with Trigonometry	MATH 1410	5	Pre-Calculus
Calculus	MATH 1600	5	Analytic Geometry & Calculus I
AP Calculus	MATH 2070	5	Analytic Geometry & Calculus II
Probability and Statistics	MATH 2170	3	Applied Statistics
Honors Physics	PHYS 1410	5	General Physics I
* English 12 Advanced Composition	ENGL 1010	3	English Comp
* Speech	SPCH 1110	3	Public Speaking
Total CCC College Credits Offered at CHS		83	<i>* CCC course taught by CCC Instructors with secondary certification endorsements. Class is taught at CHS and can be counted as credit for this CHS Course.</i>
Columbus High School Courses	Nebraska Wesleyan University Courses		
	NWU Course #	Semester Credit	NWU COURSE TITLE
Calculus	Math 1600	5	Calculus I
AP Calculus	Math 1610	5	Calculus II
Spanish III	Spanish 1020	4	Spanish Stage II
Spanish IV	Spanish 2010	4	Spanish Stage III
Spanish V	Spanish 2020	4	Spanish Stage IV
Total NWU Credits Offered at CHS		22	

UNL, UNO & UNK Admissions Requirements

CATEGORY	UNITS *	UNIVERSITY-WIDE REQUIREMENTS (Information from UNK, UNL, & UNO Websites)
English	4 units	All units must include intensive reading and writing experiences.
Mathematics	3 units	Algebra I, Algebra II, Geometry. (Algebra I from CMS counts as one unit.) <i>UNL requires 4 units of mathematics. See “Additional Academic Requirements” below.</i>
Social Studies	3 units	Units that include one unit of American or World History and one additional unit of history, American Government, or Geography.
Natural Sciences	3 units	At least two units selected from biology, chemistry, physics, and earth sciences. One of the above units must include laboratory instruction.
Foreign Language	2 units	Both units must be in the same language. Additional units are recommended. <i>Students unable to take two years of foreign language in high school may still qualify for admission through a special process. These students will be required to take two semesters of foreign language at the University of Nebraska.</i>
Additional Academic Requirements	1 unit	UNK – One unit chosen from any of the above academic disciplines. Preferably Mathematics. UNO – One unit chosen from any of the above academic disciplines. UNL – Mathematics: one additional unit that builds on a knowledge of algebra.
TOTAL UNITS	16 units	
Class Rank or ACT/SAT		For assured admission, you must also graduate in the upper half of your class or have an ACT composite score of 20 or higher, or an SAT combined score of 1030.

* **NOTE:** 1 unit = one year of high school instruction

NCAA Approved Courses

Please see the NCAA website at <http://www.ncaa.org> for the requirements for core courses, test scores and grade point average. Any student with aspirations of participating in athletics at the NCAA level need to pay close attention to the following list of CHS courses approved by the NCAA when working on course schedules with their school counselor.

ENGLISH

English Skills I
English Skills II
English Skills III
English Skills IV
English 9
English Composition/College Prep
English 10 General
English 10 College Prep
English 11 General
English 11 College Prep
English 12 General
English 12 Advanced Composition
English 12 Advanced Placement Literature I
English 12 Advanced Placement Literature II
Speech

MATHEMATICS

Algebra I
Algebra II
Algebra II Accelerated
Geometry Accelerated
Geometry
Probability and Statistics
Pre-Calculus with Trigonometry
Precalculus with Trigonometry Accelerated
Calculus I - Honors
Calculus I & II - Advanced Placement
College Algebra

SCIENCE

Biology
Biology Honors
Chemistry
Chemistry Honors
Physics
Physics Honors
Physical Science
Integrated Science
Anatomy and Physiology
Astronomy
Environmental Science

SOCIAL SCIENCE

ELL American Government
ELL US History
American Government
Economics
Geography
US History
US History Dual Credit
World History
Law Education
Psychology
Psychology Advanced Placement
Sociology

ADDITIONAL CORE CLASSES

German I
German II
German III
German IV
Spanish I
Spanish II
Spanish III
Spanish IV
Spanish V

Career Specialties Chart - Four Year Plans

Choose electives from any of the six specialties to complete your four-year plan. STS, Human Services and Business are Nebraska Department of Education approved programs of study.

GENERAL STUDIES	BUSINESS	COMMUNICATIONS	HEALTH SCIENCES	HUMAN SERVICES	SKILLED & TECHNICAL SCIENCES
<ul style="list-style-type: none"> *Animal Behavior, 12 *Astronomy, 12 *ASTC 9, 9 *ASTC 10, 10 *ASTC 11/12, 11-12 *Band – Cadet Marching, 9 *Band – Fall Concert, 9-12 *Band – Jazz, 10-12 *Band – Spring Concert, 9-12 *Band – Symphonic, 10-12 *Band – Varsity Marching, 10-12 *Calculus I, Honors, 12 *Calculus I/II, AP, 12 Classmen, Fall/Spring, 9-10 male *College Algebra, 11-12 *Concert Choir, 10-12 *German I, II, III or IV, varies *Spanish I, II, III, IV or V, varies Guitar, 10-12 *JAG, 11-12 *Lifetime Activities, 11-12 *Mixed Choir, Fall/Spring, 10-12 *New World Singers, audition *Percussion, 9-12 *Physics, Honors, 11 *Pre-Calculus w/ Trigonometry, 11-12 *Pre-Calculus w/ Trigonometry, Accelerated, 11 *Probability & Statistics, 11-12 *Stage Performance, 10-12 *Stagecraft, 10-12 *Technical Math, 12 Theatre, 9-11 Treble Choir, Fall/Spring, 9-10 female *Weights, 11-12 *Work-Place Experience, 12 	<ul style="list-style-type: none"> *Accounting 1 & 2, 10-12 *Accounting 3 & 4, 11-12 *Entrepreneurship, 11-12 Information Technology Applications I, 9-10 *Information Technology Applications II, 10-11 Introduction to Business, 9-10 Keyboarding Applications, 9-10 *Marketing Management, 10-12 Personal Finance, 11-12 *Principles of Marketing, 10-12 *Probability & Statistics, 11-12 *Web Design, 11-12 	<ul style="list-style-type: none"> *English 12 - Advanced Composition, 12 *English 12 – AP Literature I, 12 *English 12 – AP Literature II, 12 *Digital Illustration, 11-12 *Newspaper & Media, 10-12 *Photography, 11-12 *Yearbook, 10-12 *2D Media, 10-12 *3D Media, 10-12 *Advanced 2D, 11-12 *Advanced 3D, 11-12 *Advanced Art, 12 *Art Outreach, 11-12 Art Techniques, 9-11 Art Exploration, 9-11 	<ul style="list-style-type: none"> *Animal Behavior, 12 *Anatomy & Physiology, 12 *Biology, Honors, 12 *Chemistry, Honors, 10-12 *Environmental Science, 12 Fundamentals of Food & Nutrition, 9-12 Human Growth & Development, 10-12 *Weights, 11-12 *Wellness, 11-12 	<ul style="list-style-type: none"> Child Development, 9-11 *Early Childhood Education & Services, 10-12 *Early Childhood Practicum, 11-12 Fundamentals of Food & Nutrition, 9-12 Human Growth & Development, 10-12 Law Education, 9-10 Psychology, 11-12 Psychology, AP, 11-12 Sociology, 11-12 	<ul style="list-style-type: none"> *Basic Electronics, 10-12 *Advanced Electronics, 10-12 *Mechatronics I, 11-12 *Mechatronics II, 11-12 *Robotics, 11-12 *Advanced Robotics, 11-12 Introduction to Engineering, 9 Engineering Concepts, 11-12 Computer-Aided Drafting – Solidworks I, 10-12 Computer-Aided Drafting – Solidworks II, 10-12 Architectural Drafting & Design, 11-12 Linkages, 9-10 *Manufacturing Processes, 10-12 *Manufacturing Welding, 10-12 *Advanced Manufacturing Design, 11-12 Introduction to Manufacturing Woods, 9-10 *Manufacturing Woods, 10-12 *Principles of Construction Technology, 11-12 *Advanced Construction Technology, 12 *Introduction to Automotive Technology, 11-12 *Basic Automotive Technology Service, 11-12 *Intermediate Autos Technology Service, 12 *Advanced Automotive Technology Service, 12 *Technical Math, 12

*Refer to the course handbook for prerequisite

Business

9th Grade Seminar

Type: Required for freshmen

Prerequisites: None

Grades: 9

Credits: 5

Lab Fee: None

In this course, freshmen will be exposed to opportunities to better transition into the high school setting, focus on careers, and academic skills. Students will explore the Nebraska Career Education Model and relevant careers from their interest surveys. The students will demonstrate proficiency in lessons such as job acquisition, career soft skills, goal setting, and extended learning opportunities. In helping students transition to the high school setting, there will be a focus on character and behavior expectations, skills needed for successful time management and overall academic success. Lessons will also cover the basic technology skills needed in the classroom and beyond. Students will be taught, in depth, the building-wide expectations and will begin preparation for standardized assessments, such as the MAP and ACT tests.

Keyboarding Applications

Type: Elective

Prerequisite: None

Grades: 9, 10

Credits: 5

Lab Fee: None

This course emphasizes BASIC keyboarding skills. Students will be introduced to word processing software. Students will develop touch typing techniques and proper key stroking while developing composition and proofreading skills as well as speed and accuracy. Students will demonstrate proficiency in document formatting (letters, reports, and tables). This course is recommended for students with limited computer experience and/or keyboarding skill.

Business

	Introduction	Intermediate	Capstone
Accounting	Introduction to Business Or Personal Finance	Accounting 1	Accounting 2
Advanced Accounting	Accounting 3	Accounting 4	Workplace Experiences
Finance	Introduction to Business Or Personal Finance	Accounting 1	Probability and Statistics Or Economics
Entrepreneurship	Introduction to Business	Accounting 1-OR- Principles of Marketing-OR- Economics	Entrepreneurship
Marketing Entrepreneurship	Introduction to Business and Principles of Marketing	Marketing Management	Entrepreneurship

Introduction to Business

Type: Elective
Prerequisite: None
Grades: 9, 10
Credits: 5
Lab Fee: None

This introductory course develops student understanding and appreciation of the business world. Units of study included in the class include economics, management, marketing, and business ethics. Students should complete this course prior to registering for intermediate and capstone courses in the business management and administration career field. (see chart on next page).

Personal Finance

Type: Elective (Required for Class of 2023 & Beyond)
Prerequisite: None
Grades: 11, 12
Credits: 5
Lab Fee: None

This course will help students become financially responsible, conscientious members of society. Units of study include financial planning, budgeting, saving and investing, managing credit and debt, using financial services, evaluating insurance, and identity theft.

Business

Principles of Marketing

Type: Elective

Prerequisites: Completion of Introduction to Business with at least a passing grade

Grades: 10, 11, 12

Credits: 5

Lab Fee: To receive college credit students must pay for tuition and fees through CCC

This course introduces basic marketing concepts and business skills. Units of study include market planning, economics, selling, and career opportunities.

Marketing Management

Type: Elective

Prerequisites: Completion of Principles of Marketing with at least a "C" REQUIRED

Grades: 10, 11, 12

Credits: 5

Lab Fee: None

This course builds upon the basic marketing concepts. Units of study include promotion, pricing, channel management, marketing research, and product/service management.

Entrepreneurship

Type: Elective

Prerequisites: Completion of Principles of Marketing and Marketing Management

with at least a "C" REQUIRED, Accounting recommended

Grades: 11, 12

Credits: 5

Lab Fee: None

This course emphasizes skills needed to plan, organize, finance, and operate a business enterprise. Units of study include marketing, economics, finance, accounting, management, ethics, and global markets. As a final project, students will create a business plan

Accounting 1 & 2

Type: Elective

Prerequisite: Introduction to Business, Marketing, and Management recommended

Grades: 10, 11, 12

Credits: 10

Lab Fee: None

Accounting is an essential course for students who plan to major in business after high school. This course emphasizes basic accounting concepts and accounting principles including recording, summarizing and reporting principles of income and expenses and asset valuation, accounting systems and controls. Students will explore career opportunities in the accounting field.

Accounting 3 & 4

(Previously Advanced Accounting)

Type: Elective

Prerequisite: Grade of "C" or better in Accounting (Previously Accounting 1)

Grades: 11, 12

Credits: 10

Lab Fee: None

Students will reinforce basic accounting principles, procedures, and terminology. The course also introduces advanced accounting concepts with emphasis on inventories, depreciation, stocks, bonds, taxes and further enhancement of accounting skills.

Business

	Introduction	Intermediate	Capstone
Business Technology	Information Technology Applications I	Information Technology Applications II	Web Design
Data Science	Information Technology Applications II	Web Design	Probability and Statistics

Information Technology Applications I

Type: Elective
Prerequisite: None
Grades: 9, 10
Credits: 5

Lab Fee: None

This course focuses on Microsoft Office Applications. Students will modify and create business documents using intermediate/ advanced Word and PowerPoint plus introductory Excel spreadsheets. Students will read technical instructions, problem solve and work independently to complete documents. NOTE: All projects are completed on PC laptops in class not on Chrome books.

Information Technology Applications II

Type: Elective
Prerequisite: Completion of Information Technology I with at least a “C”
Grades: 10, 11, 12
Credits: 5

Lab Fee: None

This course focuses on Microsoft Office Software Applications. Students will review Word and PowerPoint plus modify and create business documents using intermediate/advanced Excel spreadsheets and introductory Access database. Students will read technical instructions, problem solve and work independently to complete documents. NOTE: All projects are completed on PC laptops in class not on Chrome books.

Microsoft Office Certification (MOS)

Students in Information Technology courses have the opportunity to earn MOS industry Certification.

Web Design

Type: Elective; meets Fine/Applied Arts requirement

Prerequisite: Completion of Information Technology I and II with at least a “C”

Grades: 11, 12

Credits: 5

Lab Fee: None

Students will write HTML coding, design effective websites using Adobe Dreamweaver and templates. Students will also learn about e-commerce, intellectual property, and copyright laws. This class requires creative thinking, ability to learn new, complex software, and incorporate multiple aspects of design.

Educational Support Services

Academic Support

Type: Elective

Prerequisites: IEP Team Decision

Grades: 9, 10, 11, 12

Credits: None

Lab Fee: None

Academic Support offers academic assistance based on the individual needs of students. Remedial and tutorial support is provided for students receiving instruction through regular curriculum. Students will also have the opportunity to meet with Voc Rehab their Junior/ Senior year during this class to help plan for post- secondary options.

Behavioral Skills

Type: Elective

Prerequisites: IEP Team Decision

Grades: 9, 10, 11, 12

Credits: 10

Lab Fee: None

Behavior Skills focuses interventions on the social, emotional and behavioral needs of students while providing instruction to support the students' participation and progress in the general curriculum. Behavior intervention plans are individualized to meet the needs of each student. Students are integrated into general education classrooms whenever possible.

Job Site

Type: Elective

Prerequisites: IEP Team Decision

Grades: 10, 11, 12

Credits: 10

Lab Fee: None

Job site experiences foster adult employment success for all youth, particularly for those with disabilities. Exposing youth with disabilities to work-based experiences helps them in identifying their career interests in building self-confidence. In addition, it provides an opportunity for them to learn about workplace culture and expectations and to make what they are learning in school more meaningful through real-world applications.

Curriculum and Communication Life Skills

Type: Elective

Prerequisites: IEP Team Decision

Grades: 9, 10, 11, 12

Credits: 10

Lab Fee: None

Curriculum and Communication Life Skills serves students who require a functional life skill curriculum. Comprehensive instruction is provided in the least restrictive environment, the community and the job sites in order to maximize each student's potential for becoming productive and contributing members of the community. Opportunities are also provided for students to participate in appropriate activities with non-disabled peers. The following domains are emphasized:

- Functional Math skills
- Functional Reading skills
- Communication skills
- Personal Health and Safety
- Community, Recreation and Leisure skills
- Vocational skills
- Domestic skills
- Social skills

All students are on individualized programs according to their own personal needs as determined by the Individual Education Plan (IEP) team.

Educational Support Services

English Language Development-A (ELD-A)

Type: Elective

Prerequisites: Teacher Recommendation/ EL Recently Arrived Status

Credits: 10

Grades: 9, 10, 11, 12

Lab Fee: None

ELD-A is the study of the English Language. Students will focus on language to survive in the community and school. Students will learn basic English skills such as phonics, pronunciation, and vocabulary. Students who are new to this country and the English language are required to take this course. Students will be placed in this class based upon ELPA, ELPA screener and placement tests.

ELD Leveled Reading A or B (ELD-A/ELD-B)

Type: Elective

Prerequisites: Taking ELD-A or ELD-B; EL Level 1 and/or 2/Teacher Recommendation

Credits: 5

Grades: 9, 10, 11, 12

Lab Fee: None

Students placed in ELD-A or ELD-B will also be assigned a corresponding leveled reading course to practice reading and comprehension skills. This class will help expand basic Language Arts concepts.

English Language Development-B (ELD-B)

Type: Elective

Prerequisites: Teacher Recommendation; EL Level 1 and/or 2

Credits: 10

Grades: 9, 10, 11, 12

Lab Fee: None

ELD-B is the study of the English Language. Students will focus on the expansion of language in the community and school. Students will work on basic English skills such as phonics, pronunciation, and vocabulary. Students will be placed in this class based upon ELPA testing and placement tests.

Scores needed for Level Promotion

Language Development	Initial Placement	For Mid-year Promotion
ELD-A	<ul style="list-style-type: none"> Score of less than 80% on INSIDE Placement subtest 1. 	<ul style="list-style-type: none"> Score of 40/50 on INSIDE the USA End-of-level Test. (Semester 1)
ELD-B	<ul style="list-style-type: none"> Score of less than 80% on INSIDE Placement subtest 2 and more than 80% on INSIDE Placement subtest 1. 	<ul style="list-style-type: none"> Score of 48/60 on INSIDE Fundamentals 2 End-of-level Test.

--Students may be promoted to the next level at semester if they achieve the scores above, show a high level of work ethic, and demonstrate language proficiency on formative work. **Teachers will make a final decision based on the previously mentioned information and a semester's worth of work.**

English

English Courses	
9th Grade	<ul style="list-style-type: none"> • English 9
10th Grade	<ul style="list-style-type: none"> • Composition General or College Prep • English 10 General or College Prep • Speech (see below) • Newspaper and/or Yearbook (elective credit ONLY)
11th Grade	<ul style="list-style-type: none"> • Composition (if needed, see below) • English 11 General or College Prep • Speech (see below) • Newspaper and/or Yearbook (elective credit ONLY)
12th Grade	<ul style="list-style-type: none"> • Composition (if needed, see below) • English 12 General • Advanced Composition • AP Literature I and/or II • Speech (see below) • Newspaper and/or Yearbook (elective credit ONLY)

- **Composition** (either General or College Prep) - This class is **required** for graduation and is the prerequisite for English 10, 11, and 12. Most students will take this class during the fall semester of the sophomore year.
- **Speech** - One semester of Speech is **required** for graduation.
- **Newspaper** and **Yearbook** - Both classes require an application. See the course descriptions or advisors for details.

Placement Scores Required for CCC English Comp

ACT	NWEA MAP	CCC Course Recommendation
English	Language	
18	223	ENGL 1010 English Comp

English

English 9

Type: Graduation Requirement Elective

Prerequisites: None

Grades: 9

Credits: 10

Lab Fee: None

English 9 concentrates on a review of basic grammatical and mechanical skills used in writing. The expository form of paragraph writing is the main method used to practice these skills. Literature will also be studied in the form of short stories, poetry, novels, and plays.

English Composition (General/College Prep)

Type: Graduation Requirement

Prerequisites: None

Grades: 10, 11, 12 (as needed)

Credits: 5

Lab Fee: None

A general review of grammar and an introduction to the expository form of writing will benefit the student in fulfillment of the English requirement. This course will emphasize the expository essay form and will reinforce grammar, spelling, vocabulary, punctuation, and sentence structure. Students will write a major research paper using library skills. A total of five essays and a research paper will be written. **This course is required for graduation and must be passed prior to any English 10, 11, and/or 12 course.**

English 10 General

Type: Graduation Requirement Elective

Prerequisites: Composition

Grades: 10

Credits: 5

Lab Fee: None

English 10 General students will read several contemporary selections. From these selections, students will be required to write expository essays and other assignments dealing with the literature. These essays will reemphasize the writing skills stressed in Composition.

English 10 College Prep

Type: Graduation Requirement Elective

Prerequisites: Composition

Grades: 10

Credits: 5

Lab Fee: None

English 10 College Prep students will read a number of selections which are considered classics. Discussions will emphasize literary techniques such as theme, symbolism, point of view, analogy, and characterization. Students will be encouraged to discuss the relevance of the selections to real life. The essays will reemphasize the writing skills stressed in Composition. Essay topics include areas such as chaos and order in society, leadership, goals and priorities, tragedy, and success and values.

English 11 General

Type: Graduation Requirement Elective

Prerequisites: Composition

Grades: 11

Credits: 10

Lab Fee: None

English 11 General will use current literature containing social themes relevant to contemporary man. Emphasis will be placed on writing skills, vocabulary improvement, spelling, and comprehension and interpretation of literature.

English 11 College Prep

Type: Graduation Requirement Elective

Prerequisites: Composition

Grades: 11

Credits: 10

Lab Fee: None

English 11 College Prep is a thematic approach to the development of late 19th and 20th century America and entails a study of the literature of each thematic period. Students will be expected to do expository writing and activities designed to develop their critical and analytical thinking skills. A grammar review prior to the ACT test will be given.

English

English 12 General

Type: Graduation Requirement Elective

Prerequisites: Composition

Grades: 12

Credits: 10

Lab Fee: None

English 12 General will read various contemporary literary selections. These selections will deal with social themes relevant to contemporary man. Students will also be expected to compose a variety of writing assignments relevant to the literary selections. These assignments will be used to improve the student's writing ability in reference to organization, mechanics of grammar, syntactical patterns, and spelling.

English 12 Advanced Composition

Type: Graduation Requirement Elective

Prerequisites: Composition

Grades: 12

Credits: 5

Lab Fee: None

Advanced Composition is designed to review and further refine those writing skills which the students have obtained in previous English classes. Improvement of the students' skills with syntactical patterns, handling of mechanics of grammar, and vocabulary are prime targets. Major emphasis will also be placed on the student's ability to think clearly in organizing thought on paper.

Speech

Type: Required

Prerequisites: None

Grades: 10, 11, 12

Credits: 5

Lab Fee: None

Students will write and deliver speeches with an effective introduction, body, and conclusion. Types of speeches presented will include demonstration speeches, informative speeches, persuasive speeches, sales talks, and impromptu speeches. Students will also learn to make effective visuals.

English 12 Advanced Placement

Literature I

(5.0 Grade Scale)

Type: Graduation Required Elective

Prerequisites: Composition, English 11 CP or General, grade of "B" or better; English teacher recommendation.

Grades: 12

Credits: 5

Lab Fee: None

AP Literature I is primarily a survey of major English writers and their works in order to provide students with some background for the Advanced Placement test. In addition, emphasis will be placed on the philosophical ideas presented in these works to see how they represent their place in history and how they have influenced American and British thought. The students will also be exposed to various writing forms, in particular the writing of explications of literary works.

English 12 Advanced Placement

Literature II

(5.0 Grade Scale)

Type: Graduation Requirement Elective

Prerequisites: Composition, English 11 CP or General, "B" or better; English teacher recommendation.

Grades: 12

Credits: 5

Lab Fee: None

AP Literature II will place greater emphasis on achieving skills to take the Advanced Placement test through the study of various genres of literature. Colleges participating in the Advanced Placement program waive requirements and give credit for high achievement on the AP test. Students will be given the option of taking the Advanced Placement test; those taking the test will have to pay the cost of test administration.

English

English Skills I - IV

Type: Graduation Requirement Elective
Prerequisites: Reading Ability and Grade Level
Grades: 9, 10, 11, 12
Credits: 10
Lab Fee: None

Students will learn important components of Language Arts. Reading strategies, literary elements, vocabulary strategies, grammar techniques, and the writing process for different forms of writing will be taught. Students will learn strategies and skills to be better prepared for the required assessments, and possible transition into general English. Students will be placed into the program at the appropriate level using a placement test, previous classroom performance, and teacher recommendations.

EL Language Arts 1

Type: Required
Prerequisites: Teacher Recommendation/EL Student/Test Scores (see chart)
Credits: 10 English/10 Elective
Grades: 9, 10, 11, 12
Lab Fee: None

Students in this double period course will use the Edge program to learn important components of the English language. Reading strategies, literary elements, vocabulary strategies, grammar techniques, and the writing process for different forms of writing will be taught.

Students will be placed in the Language Arts 1 course dependent on the ELPA, Edge placement test, previous classroom performance, MAPS tests and teacher recommendations. Reference the chart for the scores necessary for placement.

EL Language Arts 2-4

Type: Required
Prerequisites: Teacher Recommendation/EL Student
Credits: 10 (English)
Grades: 9, 10, 11, 12
Lab Fee: None

Students will use the Edge Program to learn important components of the English Language. Reading strategies, literary elements, vocabulary strategies, grammar techniques, and the writing process for different forms of writing will be taught.

Students will be placed in the Edge program at the appropriate level (2-4) dependent upon the ELPA, EDGE placement test, previous classroom performance, MAPS tests, and teacher recommendations.

Scores needed for Level Promotion

Language Arts	Initial Placement	For Mid-year Promotion
LA 1	<ul style="list-style-type: none"> ● Any score on Edge placement test ● Recommendation from ELD instructor 	<ul style="list-style-type: none"> ● 20/40 on Edge placement test* ● Recommendation from ELD instructor <p style="text-align: right; font-size: small;">*From ELDA to LA 1</p>
LA 2	<ul style="list-style-type: none"> ● 20/40 on Edge placement test 	<ul style="list-style-type: none"> ● 27/40 on Edge placement test* <p style="text-align: right; font-size: small;">*From LA 1 to LA 2</p>
LA 3	<ul style="list-style-type: none"> ● 28/40 on Edge placement test 	<ul style="list-style-type: none"> ● 33/40 on Edge placement test* <p style="text-align: right; font-size: small;">*From LA 2 to LA 3</p>
English Courses	37/40 on Edge placement test and/or successful completion of S2 of LA 3	

--Students may be promoted to the next level at semester if they achieve the scores above, show a high level of work ethic, and demonstrate language proficiency on formative work. **Teachers will make a final decision based on the previously mentioned information and a semester's worth of work.**

English - Electives

Yearbook

Type: Elective

Prerequisites: Application and selection.

Applications are available from the yearbook advisor.

Grades: 10, 11, 12

Credits: 10

Lab Fee: None

The staff's major goal is the publication of the yearbook. Students sell and design advertising, do layouts, write copy and headlines, and take and edit pictures. Students must elect to take and complete the second semester of this course in order to get credit for the first semester's work. Students dropping out before the end of the school year will receive a "WF". This class does not fulfill English entrance requirements at UNL, UNK, or UNO. **This class does not satisfy English graduation requirements.**

Newspaper & Media

Type: Elective

Prerequisites: Application and selection.

Applications are available from the newspaper advisor.

Grades: 10, 11, 12

Credits: 10

Lab Fee: None

Working as a team, the newspaper staff's major responsibility will be to publish the school newspaper. Students will be responsible for identifying the contents, qualities and types of stories that will appear in each issue as they gather school news, and write stories. Other projects to be taken on by the newspaper staff will include working with video and other electronic media. The role of the student journalist is expanding beyond traditional print media and this course provides students a contemporary experience in journalism like none other before. **This class does not satisfy English graduation requirements.**

Family and Consumer Sciences

Family and Consumer Sciences Flowchart

GRADE	INTRODUCTORY	INTERMEDIATE	CAPSTONE (must take Introductory and Intermediate before taking Capstone)
9th	<ul style="list-style-type: none"> • Child Development • Fundamentals of Food and Nutrition 		
10th	<ul style="list-style-type: none"> • Child Development • Fundamentals of Food and Nutrition • Human Growth and Development 	<ul style="list-style-type: none"> • Early Childhood Education and Services 	
11th	<ul style="list-style-type: none"> • Child Development • Fundamentals of Food and Nutrition • Human Growth and Development 	<ul style="list-style-type: none"> • Early Childhood Education and Services 	<ul style="list-style-type: none"> • Early Childhood Practicum
12th	<ul style="list-style-type: none"> • Fundamentals of Food and Nutrition • Human Growth and Development 	<ul style="list-style-type: none"> • Early Childhood Education and Services 	<ul style="list-style-type: none"> • Early Childhood Practicum

Human Sciences and Education Career Field

Early Childhood Education and Services	
Introductory	Child Development
Intermediate	Early Childhood Education and Services
Capstone	Early Childhood Practicum

Family and Consumer Sciences

Child Development

Type: Elective
Prerequisites: None
Grades: 9, 10, 11
Credits: 5
Lab Fee: None

In this course students will explain the following: influences on parenting, decisions to make before becoming a parent, family planning, conception, prenatal development, healthy pregnancy, birth, care of the newborn. Students will also study how to help grow and develop the physical, social- emotional, and intellectual development of the newborn through infant years. In addition students will study and explore parenting and childcare practices that maximize human growth and development. This class requires the RealCare Baby to be taken home by the student.

Fundamentals of Food and Nutrition

Type: Elective
Prerequisites: None
Grades: 9-10 and 11-12
Credits: 5
Lab Fee: None

This course provides the beginning base foundation of nutrition and dietary recommendations. Students will learn to read nutrition fact labels and choose healthier, nutrient dense foods. Second half of the class will be fundamentals of foods. Students will demonstrate food preparation skills, responsible financial practices when planning meals, and impacts of science and technology on foods.

Human Growth and Development

Type: Elective
Prerequisites: None
Grades: 10, 11, 12
Credits: 5
Lab Fee: None

This course covers the study of human development (physical, mental, emotional and social) through the entire lifespan. Includes how to develop positive interactions with others and how development can be guided at each age. Students will also analyze strategies to manage health and wellness.

Early Childhood Education and Services

Type: Elective
Prerequisites: Successful completion of Child Development with a grade of 80% or higher, or teacher discretion.
Grades: 10, 11, 12
Credits: 5
Lab Fee: None

This course focuses on a preschool age child to an eight year old in areas such as: creating a learning environment, interacting positively with children, creating learning activities, health/ safety, and nutrition. This class will also examine various types of early childhood programs and the license requirements related to each, program planning and evaluation. Students will evaluate external support systems that provide services for parents and the impact of early identification of high ability learners, children with special needs, and language acquisition. There will be early childhood observations required in this class. Child Development is a prerequisite.

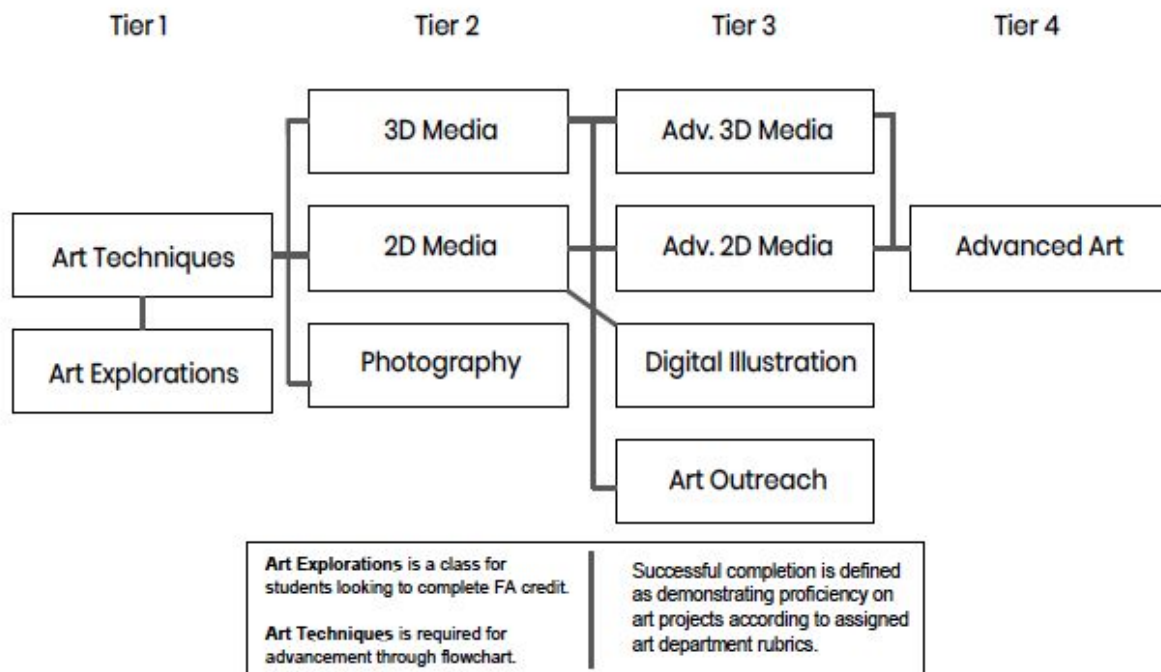
Early Childhood Practicum

Type: Elective
Prerequisites: Successful completion of Early Childhood Education and Services with a grade of 80% or higher, or teacher discretion.
Grades: 11, 12
Credits: 5
Lab Fee: None

Students will apply knowledge about child development through practicum experience in the early childhood setting. This class requires students to have a vehicle to transport themselves to their practicum experiences. While in this class students will learn to create lessons that meet children's developmental needs and interests. Students will build skills to have positive interaction with children and develop relationships with colleagues. With this class students will analyze federal, state, and local licensing and certification guidelines when designing an early childhood business. While completing their practicum students will complete a working early childhood portfolio used for applying for internships and work-based learning opportunities. Child Development and Early Childhood Education and Services are prerequisites.

Fine Arts

Course offerings in the area of fine arts listed in this section are divided into four subheadings:
Arts - Visual, Music - Instrumental, Music -Vocal, and Theatre.



Art Exploration

Type: Tier 1 Elective; meets Fine/Applied Arts requirement

Prerequisites: None

Grades: 9,10,11,12

Credits: 5

Lab Fee: \$8.00

Art Explorations is designed for students who want to explore art media and art appreciation. Students will learn about the creative process and its use for problem-solving in art. Individual creativity and collaboration among student groups will be used to create 2D, 3D, and multimedia projects. Students will draw inspiration from science, technology, engineering, math, literature and contemporary art. The class will focus on forming creative ideas and using the Elements of Art rather than the development of art techniques.

Art Techniques

Type: Tier 1 Elective; meets Fine/Applied Arts requirement

Suggested Prerequisites: Two or more Middle School Art Classes

Grades: 9,10,11

Credits: 5

Lab Fee: \$8.00

This class is a requirement for all art classes and a final grade of a “C” is needed to advance to Tier 2 art classes. Students learn the techniques used to design two and three dimensional art works as well as how artists put ideas together to make their art. Sketchbooks will be utilized for writing, sketching, and planning. The techniques you learn in this course will be further developed in 2D Media and 3D Media, therefore it is a requirement for those classes. Art Techniques provides hands-on practical experiences along with some aspects of art history, to use throughout one’s life and all other art courses taken at CHS.

Fine Arts

Photography

Type: Tier 2 Elective; meets Fine/Applied Arts requirement

Prerequisites: Art Techniques, grade of “C” or higher

Grades: 11,12

Credits: 5

Lab Fee: \$8.00

In this course, students will learn the application of photography and digital photo editing. Focus will include the basics of photographic composition with an emphasis on the Principles of Design. This course is designed for the student who has no background in photography. Note: Students will be using their personal cell phone devices for photography. This course would also be good for students that are interested in Yearbook or Newspaper.

2D Media

Type: Tier 2 Elective

Prerequisites: Art Techniques, grade of “C” or higher

Grades: 10,11,12

Credits: 5

Lab Fee: \$10.00

Students will use an array of methods and materials to create two-dimensional artworks. Students will learn the steps of the creative process to prepare, create and display their work. Art forms could be made through drawing, simple paint methods, printmaking and collage. Students will keep a sketchbook to outline ideas and to take notes, as well as assess their own work through critiques. Students interested in taking several art classes should take 2D Media because it is a prerequisite for Tier 3, 2D Advanced Art.

3D Media

Type: Tier 2 Elective

Prerequisites: Art Techniques, grade of “C” or higher

Grades: 10,11,12

Credits: 5

Lab Fee: \$10.00

This class is a study of the methods used in three dimensional construction. It will include the creation of functional art and sculpture through the use of a wide variety of materials. Building, firing, and glazing pottery will be emphasized. In addition, students will be expected to critique their own and their peers’ work.

Art Outreach

Type: Tier 2 Elective

Prerequisites: Art Techniques, and a Tier 2 course (preferably 2D or 3D Media), grade of “C” or better

Grades: 11, 12

Credits: 5

Lab Fee: None

The goal of this class is to learn how to use the creative process and create art in a collaborative setting. Students will deepen their knowledge and appreciation of art and its use in the community. All projects will be completed as needed for various groups, including the Columbus public schools and the Columbus community. A wide variety of materials will be used in the completion of the projects. In order to be considered for this class, students must have a teacher recommendation.

Fine Arts

Advanced 2D

Type: Tier 3 Elective

Prerequisites: Art Techniques and 2D Media, grade of “C” or higher

Grades: 11, 12

Credits: 5

Lab Fee: \$12.00

This class involves the advanced application of drawing and design fundamentals through drawing, painting, and printmaking techniques. Oil pastels, chalk pastels, charcoal, ink, acrylic, and watercolor will be used to create artworks. Students will have an opportunity to study the techniques used by a variety of artists as well as developing their own ideas and styles. The class is set up in a studio setting in which students will develop ideas into art work for their portfolio. The class includes the historical study of selected artists working in two-dimensional form.

Digital Illustration

Type: Tier 3 Elective

Prerequisites: Art Techniques and 2D Media, grade of “C” or higher

Grades: 11, 12

Credits: 5

Lab Fee: \$8.00

This class will explore the creation and uses of graphic design. It will introduce students to art-related careers as well as the techniques and terminology used by graphic artists. Students will learn to use software graphic designers use, including Adobe Illustrator, Adobe Photoshop, to create a variety of projects. Students will determine how to communicate effectively through typography, icons, logo design, posters, packaging, illustration, and image manipulation to convey a message visually. After students have completed this course, they will be able to solve problems visually using design principles learned in previous art and computer courses.

Advanced 3D

Type: Tier 3 Elective

Prerequisites: Art Techniques and 3D Media, grade of “C” or higher

Grades: 11,12

Credits: 5

Lab Fee: \$12.00

This class involves the advanced application of design fundamentals to functional art and sculptural forms. Artworks will be created with clay and a variety of additional materials. In addition, students will participate in written and verbal critiques.

Advanced Art

Type: Tier 4 Elective

Prerequisites: Successful completion of three art classes, with one class being from Tier 3 and teacher recommendation. Must complete an application and provide a portfolio for selection.

Grades: 12

Credits: 5

Lab Fee: \$12.00

Advanced Art is for students who are interested in pursuing art after high school and/or show outstanding ability in the arts. The course will emphasize the building of a portfolio, which will include two and three dimensional art works. Students will be expected to develop and create their own original ideas, along with critiquing their own and their peers’ work. Artwork will be showcased during the applicable semester Art Show (Fall or Spring).

Fine Arts

Music - Instrumental

Band - Cadet Marching (fall semester)

Type: Elective; meets Fine/Applied Arts requirement

Prerequisites: Successful completion of middle school band, or permission of the director.

Students must also agree to fully participate in all performances of the Cadet Band. This course includes brass, woodwind and percussion players.

Grades: 9, 10

Credits: 5

Participation Fee: \$25.00 (does not include shoes and gloves)

This semester long course serves as an introduction to high school band. The first quarter will focus on the fundamentals of marching band and includes performances at three or four home football games, and one or more parade activities. Students will participate in two parade rehearsals outside of the school day, but all other rehearsal time is during class time (no early mornings). During the second quarter students will perform at three or four home basketball games and at the Winter Fine Arts Festival.

Band - Varsity Marching (fall semester)

Type: Elective/Co-Curricular; meets Fine/Applied Arts requirement

Prerequisites: Passed Cadet Band. Students must also agree to fully participate in the co-curricular marching band. This course is for brass and woodwind players only, and is limited to 60 students.

Grades: 9 (with audition), 10, 11, 12

Credits: 5

Participation Fee: \$46.00 (does not include shoes and gloves)

This semester long course will focus on musical performance on the move. The first quarter will focus on literature used for a competitive marching show, and will be co-curricular with the full marching band. Marching Band students will meet for marching

practice before school daily during the first quarter, as well as participate in 10 days of camps in late July/early August. The marching band will perform at all home football games and any playoff football games along with two parades, and 4-5 competitions. During the second quarter the Marching Band will perform in support of three or four home basketball games and will perform at the Winter Fine Arts Festival.

Band - Fall Concert (fall semester)

Type: Elective; meets Fine/Applied Arts requirement

Prerequisites: At least two years of previous band instruction

Grades: 9, 10, 11, 12

Credits: 5

Participation Fee: \$9.00 (includes ensemble method book)

This semester long course is for students who wish to participate in band in the fall, but not in the marching band. Students will focus on the fundamentals of instrumental performance through both small ensemble and full band rehearsals. The fall band will perform a concert and in small groups.

Band - Spring Concert (spring semester)

Type: Elective; meets Fine/Applied Arts requirement

Prerequisites: At least two years of previous band instruction

Grades: 9, 10, 11, 12

Credits: 5

Participation Fee: \$9.00 (includes ensemble method book)

This semester long course is for any instrumental music student. Students will focus on the fundamentals of instrumental performance through both small ensemble and full band rehearsals. The spring band will perform a concert and in small groups including a couple of home basketball games.

Fine Arts

Band - Symphonic (spring semester)

Type: Elective; meets Fine/Applied Arts requirement

Prerequisites: By audition only

Grades: 10, 11, 12

Credits: 5

Participation Fee: \$9.00 (includes ensemble method book)

The Symphonic Band is by audition only and consists of 40 wind players and 5 percussionists. Students wishing to participate in this ensemble should audition prior to registration. The ensemble focus is on challenging wind band material, and on performing at a high level. The ensemble will perform at the NSBA Concert Band Festival, District Music Contest, a public concert in March and at the Spectrum in Sound, home basketball games and two concerts.

Band - Jazz (year long)

Type: Elective

Prerequisites: By audition only

Grades: 10, 11, 12

Credits: 10

Participation Fee: None

The Jazz Band will perform varied genres of jazz, develop creativity through improvisational skill, and work to hone their musicianship skill. This is an advanced performing ensemble that will require some solo work along with ensemble performance. The band participates in at least three jazz festivals and performs two public concerts.

Percussion (year long)

Type: Elective; meets Fine/Applied Arts requirement

Prerequisites: At least three years of either percussion performance experience or piano lessons. Students must also agree to fully participate in the co-curricular marching band **Grades:** 9, 10, 11, 12

Credits: 10

Participation Fee: \$300 (includes instrument usage fee, consumable materials, sticks and mallets, camp fees)

This year-long ensemble has an extensive performance calendar. Members will participate in the marching band in the fall, and at numerous performances throughout the year including, but not limited to: Junior Fire Patrol parade, Elementary School Assemblies, band concerts, and a Winter Percussion Ensemble. All members are required to participate in Marching Band, however the Winter Ensemble is optional.

Guitar

Type: Elective; meets Fine/Applied Arts requirement

Prerequisite: None

Grades: 10, 11, 12

Credits: 5

Materials needed: It is highly recommended that students own their own guitar for use at home. Class guitars are provided for school use.

This is an introductory guitar course designed to help students learn many of the different styles and techniques of guitar playing. Primary areas of focus include reading tablature, performing open string chords, learning common progressions and strumming patterns, and interpreting rhythms. There may be performance opportunities for the public.

Fine Arts

Music - Vocal

Treble Choir - Fall

Type: Elective; meets Fine/Applied Arts requirement

Prerequisites: None

Grades: 9, 10 (Female)

Credits: 5

Lab Fee: none

Treble Choir is open to all female 9th and 10th Grade students. Course of study will include fundamentals of tone production, part-singing, and reading music notation. This group performs a wide variety of sacred and secular music of many genres and time periods. Course includes **two required live performances** a semester. This is an introductory course that is meant to lead students into the “Spring Treble Choir” course and can be taken only once.

Treble Choir - Spring

Type: Elective; meets Fine/Applied Arts requirement

Prerequisites: None

Grades: 9, 10 (Female)

Credits: 5

Lab Fee: none

Treble Choir is open to all female 9th and 10th Grade students. Participation in the “Fall Treble Choir” is encouraged as a lead in for this course, but is not necessary. Course of study will include fundamentals of tone production, part-singing, and reading music notation. This group performs a wide variety of sacred and secular music of many genres and time periods. Course includes **two required live performances** a semester. This is an introductory course and can be taken only once.

Classmen - Fall

Type: Elective; meets Fine/Applied Arts requirement

Prerequisites: None

Grades: 9, 10 (Male)

Credits: 5

Lab Fee: None

Fall Classmen is open to all male 9th and 10th Grade students. Course of study will include fundamentals of tone production, part-singing, and reading music notation. This group performs a wide variety of sacred and secular music of many genres and time periods. Course includes **two required live performances** a semester. This is an introductory course that is meant to lead students into the “Spring Classmen” course and can be taken only once.

Classmen - Spring

Type: Elective; meets Fine/Applied Arts requirement

Prerequisites: None

Grades: 9, 10 (Male)

Credits: 5

Lab Fee: None

Spring Classmen is open to all male 9th and 10th Grade students. Participation in the “Fall Classmen” is encouraged as a lead in for this course, but is not necessary. Course of study will include fundamentals of tone production, part-singing, and reading music notation. This group performs a wide variety of sacred and secular music of many genres and time periods. Course includes **two required live performances** a semester. This is an introductory course and can be taken only once.

Fine Arts

Mixed Chorus - Fall

Type: Elective; meets Fine/Applied Arts Requirement

Prerequisites: Completion of Classmen or Treble Choir with a C or better.

Grade: 10, 11, 12

Credits: 5

Lab Fee: None

Mixed Chorus is the intermediate choir at CHS which includes both men and women. It introduces a more advanced and varied study on music fundamentals and tone production, while allowing for more challenging music in a mixed ensemble setting. Course includes **two required live performances** a semester, with the possibility of additional performances in the community and the region.

Mixed Chorus - Spring

Type: Elective; meets Fine/Applied Arts Requirement

Prerequisites: Completion of Classmen or Treble Choir with a C or better.

Grade: 10, 11, 12

Credits: 5

Lab Fee: None

Mixed Chorus is the intermediate-choir at CHS which includes both men and women. Participation in the “Fall Mixed Chorus” is encouraged as a lead in for this course, but is not necessary. It introduces a more advanced and varied study on music fundamentals and tone production, while allowing for more challenging music in a mixed ensemble setting. Course includes **two required live performances** a semester, with the possibility of additional performances in the community and the region.

Concert Choir

Type: Elective; meets Fine/Applied Arts requirement

Prerequisites: Audition or permission of director

Grades: 10, 11, 12

Credits: 10

Lab Fee: None

This mixed men’s and women’s chorus will perform advanced choral literature selected from a wide variety of sacred and secular music of many styles, cultures, and time periods. Along with the high school concerts, they will perform in several festivals, choral collaborations with other schools, and competitions throughout the year.

New World Singers

Type: Elective

Prerequisites: Selected by audition

Grades: 11, 12

Credits: 10

Lab Fee: None

To be a member of the New World Singers, you must currently be enrolled in one of the other choirs. They perform advanced music of many styles including jazz, blues, Gospel, and popular. Along with high school concerts, they will perform in several festivals, choral collaborations with other schools, and competitions throughout the year. Members will purchase their own performance outfits.

Fine Arts

Theatre

Theatre I

Type: Elective; meets Fine/Applied Arts requirement

Prerequisites: None

Grades: 9, 10, 11

Credits: 5

Lab Fee: None

This course is divided into three portions: Theatre History, Technical Theatre, and Acting. Theatre History will begin with a brief history of Greek theatre, theatre in the Middle Ages, the Royal Theatre, theatres of Asia, realism, and the modern musical. The technical portion of the class will dive into the roles of a scenic designer and director, thereby gaining better understanding of what those two roles bring to the theatre. The course nears its close with a unit on acting in which students will present a monologue, a two-person scene, and a group scene (all of which require memorization). Much of the grading criteria will center on components of good performance, use of time, and rehearsal work ethics.

Stage Performance

Type: Elective

Prerequisites: Theatre I grade of “C” or Theatre I teacher recommendation

Grades: 10, 11, 12

Credits: 5

Lab Fee: None

This class is for students who have demonstrated advanced proficiencies in phases of play production, specifically acting. In this class, acting techniques will be studied, critiqued, and applied to a variety of performances. Some in-class performances will include a pantomime, a two-person scene, a group scene, and monologues from both traditional dramatic literature and Shakespeare. Students in this class will be required to attend a CHS theatrical performance and strike.

Stagecraft

Type: Elective

Prerequisites: Theatre I grade of “C” or better or recommendation from a CHS Theatre I instructor

Grades: 11, 12

Credits: 5

Lab Fee: None

This class is for students who have demonstrated advanced proficiencies in phases of play production, specifically scenic design. In this class, students will practice set design, scenic drafting, budgeting for a theatrical production, and will help with the building of a CHS theatrical production. Students will be required to attend at least one performance and strike. **This class does not satisfy Fine Arts graduation requirements.**

Mathematics

A student may only be enrolled in one math class per academic year unless they have failed a previous math class, or they have a teacher recommendation. (See the prerequisites on the following pages to assist with determining the students next math class.)

Mathematics Flowchart			
9th Grade	Algebra I	Geometry	Geometry Acc.
10th Grade	Geometry Basic or Geometry	Algebra II	Algebra II Acc. or Algebra II
11th Grade	Algebra II Basic or Algebra II	Pre-Calculus with Trigonometry, College Algebra, or Prob & Stats	Pre-Calc Acc. with Trigonometry, College Algebra, or Prob & Stats
12th Grade	Pre-Calculus with Trigonometry, Technical Math, College Algebra, or Prob & Stats	Pre-Calculus with Trigonometry, Calculus Honors, Technical Math, College Algebra, or Prob & Stats	Pre-Calculus with Trigonometry, Calculus I & II AP, Technical Math, College Algebra, or Prob & Stats

* All students should have completed a geometry course by the end of their sophomore year.

Placement Scores Required for CCC Dual Credit

ACT	NWEA MAP	CCC Course Recommendations
Math	Math	
17-18	234-239	MATH 1020 Technical Math (3)
Math	Math	
22	249-251	MATH 1150 College Algebra (3) MATH 1410 Pre-Calculus (5) MATH 2170 Applied Statistics (3)
Math	Math	
25	259	MATH 1600 Analytic/Geometry & Calculus I (5)

Mathematics

Algebra I

Type: Graduation Requirement Elective

Prerequisites: 8th grade General Math

Grades: 9, 10, 11, 12

Credits: 10

Lab Fee: None

This course is for students of average and above average ability in mathematics. Algebra I is a requirement for college preparatory programs and many vocational programs. The course emphasizes simplifying and evaluating expressions and basic operations with polynomials. It also emphasizes solving and graphing linear equations and inequalities.

Geometry Basic

Type: Graduation Requirement Elective

Prerequisites: Algebra I, teacher recommendation, and assessment scores

Grades: 10, 11, 12

Credits: 10

Lab Fee: None

An introductory course to Geometry for students who wish to begin work in geometry but who are not yet ready for the more rigorous study required for regular Geometry. This course emphasizes geometric concepts related to points, lines, angles, triangles, polygons, areas, circles and basic proofs.

Geometry

Type: Graduation Requirement Elective

Prerequisites: Algebra I

Grades: 10, 11, 12

Credits: 10

Lab Fee: None

This course is for students of average and above average ability in mathematics. Geometry is a requirement for college preparatory programs. The course teaches geometry terminology and emphasizes the spatial relationships that exist about triangles, quadrilaterals, and circles. The course also emphasizes knowledge of geometric solids through problem solving and the ability to apply deductive reasoning skills.

Algebra II Basic

Type: Graduation Requirement Elective

Prerequisites: Algebra I and Basic

Geometry or Geometry, teacher recommendation **Grades:** 11, 12

Credits: 10

Lab Fee: None

This course is designed to be a third year math course at the high school level. It will cover all of the topics of Algebra II with less complicated examples and problems. This course extends the topics first seen in Algebra I and provides advanced skills in algebraic operations. Additionally, linear and quadratic functions and relations, exponential functions, graphing, complex numbers, and rational and radical expressions will be explored.

Algebra II

Type: Graduation Requirement Elective

Prerequisites: Algebra I and Geometry, teacher recommendation

Grades: 10, 11, 12

Credits: 10

Lab Fee: None

This course is intended for students who wish to prepare for post-secondary education. It includes the study of equations and inequalities, rational and radical expressions, and complex numbers.

Algebra II Accelerated

Type: Graduation Requirement Elective

Prerequisites: Geometry Acc., teacher recommendation

Grades: 10

Credits: 10

Lab Fee: None

This course is for students of above average ability in mathematics. In addition to the preceding description for Algebra II, this course will include the study of matrices, quadratic and exponential functions, and basic logarithmic and trigonometric functions. Any student planning to take AP Calculus as a senior should take this course.

Mathematics

Geometry Accelerated

Type: Graduation Requirement Elective

Prerequisites: Algebra I in 8th grade or teacher recommendation

Grades: 9, 10

Credits: 10

Lab Fee: None

This course is for students of above average ability in mathematics. In addition to the preceding description for Geometry, this course will include the study of both formal and informal proofs and geometric constructions. Any student planning to take AP Calculus as a senior should take this course.

Pre-Calculus with Trigonometry

[DC Option CCC - MATH 1410 (5 credits)]

(To register for Dual Credit student should have a Math ACT subscore of 22 or higher or MAP Math score of 249 or higher)

Type: Graduation Requirement Elective

Prerequisites: Algebra I, Algebra II, and Geometry with grades of “B” or better, teacher recommendation

Grades: 11, 12

Credits: 10

Lab Fee: CHS will provide 4 AAA batteries to each student per year.

The purpose of this course is to prepare students to take Calculus, either at the high school or college level. The course covers linear, quadratic, polynomial, exponential, logarithmic and trigonometric functions. Functions will be analyzed using a variety of methods, including a graphing calculator.

Pre-Calculus with Trigonometry Accelerated

[DC Option CCC - MATH 1410 (5 credits)]

(To register for Dual Credit student should have a Math ACT subscore of 22 or higher or MAP Math score of 249 or higher)

Type: Graduation Requirement Elective

Prerequisites: Algebra II and Geometry with grades of “B” or better or teacher recommendation

Grades: 11

Credits: 10

Lab Fee: CHS will provide 4 AAA batteries to each student per year.

The purpose of this course is to prepare students to take AP calculus. In addition to the preceding description for Pre-Calculus, this course will include the study of limits,

continuity, and an introduction to derivatives.

College Algebra

[DC Option - CCC - MATH 1150 (3 credits)]

(To register for Dual Credit student should have a Math ACT subscore of 22 or higher or MAP Math score of 249 or higher)

Type: Elective

Prerequisites: Algebra I, Algebra II, and Geometry, with grades of “C” or better, or teacher recommendation

Grades: 11, 12

Credits: 10

Lab Fee: None

This course is intended for students that are planning to go to a 2 or 4-year college. This is a dual credit course offered through Central Community College for 3-credit hours (Math 1150). This course is designed for students needing a College Algebra course to satisfy a liberal arts requirement at the college level. College Algebra gives students the opportunity to take a more challenging course in high school to prepare for college and students can earn college credit at a more economical cost while still in high school. In this course we will cover relations, functions and their graphs, equations and inequalities, polynomial and rational functions, exponential and logarithmic functions, systems of equations and inequalities.

Technical Math

[DC Option - CCC - MATH 1020 (3 credits)]

(To register for Dual Credit student should have a Math ACT subscore of 17 or higher or MAP Math score of 234 or higher)

Type: Graduation Requirement Elective

Prerequisites: Algebra I, Geometry Basic or Geometry, and Algebra II or Algebra II Basic

Grades: 12

Credits: 10

Lab Fee: None

Mathematics

-Continued from Technical Math

This course is designed to prepare students for careers in industry and manufacturing. It covers concepts in algebra, geometry and measurement. Students learn how to measure using hands on methods and a variety of tools. The class is application-based to provide students with an understanding of the situations in which measurements are necessary, and why accuracy is important. The class is intended to help students gain minimum job skill requirements for jobs that require no post secondary education.

Calculus I - Honors

[DC Option - CCC - MATH 1600 (5 credits)]

[DC Option - NWU - Math 1600 (5 credits)]

(To register for Dual Credit student should have a Math ACT subscore of 25 or higher or MAP Math score of 259 or higher)

(5.0 Grade Scale)

Type: Elective

Prerequisites: Pre-Calculus teacher recommendation

Grades: 12

Credits: 10

Lab Fee: CHS will provide 4 AAA batteries to each student per year.

This college course meets the requirements for first semester Calculus at Nebraska Wesleyan University or Central Community College. By paying tuition costs to the college, students can receive college credit for successfully completing the course. The course syllabus is specified and controlled by the colleges, and includes topics such as limits, derivatives, and integrals. Students should expect 1-2 hours of study time outside of class, each day. Students need a solid foundation in previous math courses in order to be prepared to handle the rigor of this course at this level.

Calculus I & II Advanced

Placement

[DC Option - CCC - MATH 2070 (5 credits)]

[DC Option - NWU - Math 1610 (5 credits)]

(To register for Dual Credit student should have a Math ACT subscore of 25 or higher or MAP Math score of 259 or higher)

(5.0 Grade

Scale) Type:

Elective

Prerequisites: PreCalc Accelerated or teacher recommendation

Grades: 12

Credits: 10 credits for Calculus I

10 credits for Calculus II

Lab Fee: CHS will provide 4 AAA batteries to each student per year.

This college course meets the requirements for the first and second semester of Calculus at Nebraska Wesleyan University or Central Community College. By paying tuition costs to the college, students can receive college credit for completing the course (Calculus I and Calculus II).

AP Calculus also provides the student the opportunity to earn AP and/or college credit if they choose to take the Advanced Placement test in the spring. ***They may take either the AB (Calc I) or BC (Calc II) Exam, but not both.*** The student will be required to pay the AP exam fees. The course syllabus is specified and controlled by the colleges and AP Board. It includes topics such as limits, derivatives, approximation, applications, and modeling. Students should expect 1 - 2 hours of study time outside of class each day. This will include, but is not limited to, time for watching and taking notes, homework practice, and studying formulas outside of class. The teacher and student can consider during the first semester of Calculus whether the student should continue with the Advanced Placement Calculus II class second semester.

Mathematics

Probability and Statistics

[DC Option - CCC - MATH 2170 (3 credits)]

(To register for Dual Credit student should have a Math ACT subscore of 22 or higher or MAP Math score of 249 or higher)

Type: Graduation Requirement Elective

Prerequisites: Algebra II and Geometry

Grades: 11, 12

Credits: 5

Lab Fee: None

This one-semester course is designed to introduce students to statistics and probability and the various ways to represent statistical data graphically. This college level course meets the requirements for Applied Statistics at Central Community College. By paying tuition costs to the college, students can receive college credit for successfully completing the course. The course syllabus is specified and controlled by the colleges, and includes topics such as Introductory concepts of descriptive statistics, sampling, probability, hypotheses testing: binomial, normal, and chi square distributions; and linear regression.

EL Math

Type: Elective

Prerequisite: Placement test/Teacher Recommendation/EL Student

Grades: 9, 10, 11, 12

Credits: 10

Lab Fee: None

EL Math is an introductory math course for EL students. Depending on the needs of the students, the course begins at elementary concepts and advances upwards to eighth grade math. Language and vocabulary building is also a strong focus in this course.

Physical Education & Health

In Physical Education, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically active lifestyle. The goal is for students to exhibit a physically active lifestyle and understand the relationship between physical-activity and health throughout the lifespan.

PE Requirements	
Required All CHS Non-Athletic Students	Required (one Semester) CHS Athletic Students
Fitness 9	Athletic Strength Training and Conditioning 9
Fitness 10	Athletic Strength Training and Conditioning 10

Fitness 9

Type: Required for all Freshman NOT participating in a CHS athletics program

Prerequisites: None

Grades: 9

Credits: 5

Lab Fee: None

This course is designed to provide the knowledge, skills, and activity opportunities to allow the student to acquire a desirable level of physical fitness. Information acquired from personal fitness assessments will be used to assist the student in the planning of personal fitness programs to meet their current and future fitness needs.

Athletic Strength Training and Conditioning 9 (ASTC 9)

Type: Required for All Freshmen Participating in a CHS Athletic program.

Prerequisites: Must have completed a MS Athletic Program and will be going out for a varsity sport at Columbus High School.

Grade: 9

Credits: 5

Lab Fee: None

This course is designed to provide beginning knowledge, skills, and practice in strength training and athletic conditioning. During the class, students will participate in resistance training programs studying basic theory, exercise technique, and basic anatomy and physiology. Workouts will be aimed at

improving flexibility, body composition, power, speed, and cardiovascular endurance specific to the athlete program(s) of which the student is a member. Students taking Athletic Strength Training and Conditioning 9 for two semesters will receive PE credit for the first semester and Elective credit for the second semester.

Fitness 10

Type: Required for all Sophomores Not Participating in a CHS Athletic program

Prerequisites: Completion of Fitness 9

Grade: 10

Credits: 5

Lab Fee: None

This course is designed to enhance the knowledge, skills, and activity opportunities to allow the student to acquire a desirable level of physical fitness. Information acquired from personal fitness assessments will be used to assist the student in the planning of personal fitness programs to meet their current and future fitness needs. This course is required of students who did not complete Athletic Strength Training and Conditioning 9.

Physical Education & Health

Weights

Type: Elective

Prerequisites: Completion of Fitness 9 and Fitness 10; or ASTC 9 and ASTC 10

Grades: 11, 12

Credits: 5

Lab Fee: None

Weights is a beginning level class introducing students to basic weight training theory, exercise techniques, proper nutrition, basic anatomy and physiology, flexibility, body composition, power, speed, cardiovascular endurance, and commitment to workout performance. Students may only take this class one semester. When building student schedules, if student requests exceed available room capacity, priority will be given to ASTC students.

Wellness

Type: Elective

Prerequisites: Completion of Fitness 9 and Fitness 10; or ASTC 9 and ASTC 10

Grades: 11, 12

Credits: 5

Lab Fee: None

Wellness will include learning the importance of health and fitness. Exercise will include treadmill work, stationary bike work, aerobic and anaerobic activities. Classroom activities will include nutrition education. Students will go off school grounds to participate in some of these activities. Students must provide their own transportation to these activities. Students may only take this class one semester.

Lifetime Activities

Type: Elective

Prerequisites: Completion of Fitness 9 and Fitness 10; or ASTC 9 and ASTC 10

Grades: 11, 12

Credits: 5

Lab Fee: None

Lifetime activities may include pickleball, indoor/outdoor tennis, badminton, and other recreational activities. Students will go off school grounds to participate in some of these activities. Students must provide their own transportation to these activities.

Athletic Strength Training and Conditioning 10 (ASTC 10)

Type: Recommended for All Sophomores

Participating in a CHS Athletic program.

Prerequisites: Student must be involved in the CHS athletics program.

Grades: 10

Credits: 5

Lab Fee: None

Athletic Strength Training and Conditioning I is a class for students in Grade 10 who participate in the Discoverer athletic program. During the class, students will participate in resistance training programs studying basic theory, exercise technique, proper nutrition, and basic anatomy and physiology. Workouts will be aimed at improving flexibility, body composition, power, speed and cardiovascular endurance specific to the athletic program(s) of which the student is a member. Athletes are recommended to enroll in this class for one semester of their sophomore year, and are encouraged to enroll both semesters of their sophomore year.

Physical Education & Health

Athletic Strength Training and Conditioning 11/12 (ASTC 11/12)

Type: Elective

Prerequisites: Student must be involved in the CHS athletics program and successfully completed ASTC 9 and ASTC 10

Grades: 11, 12

Credits: 5

Lab Fee: None

Athletic Strength Training and Conditioning II is a class for students in Grades 11 and 12 who participate in the Discoverer athletic program. During the class, students will continue to build on the skills and performance achieved during the Athletic Strength Training and Conditioning I class. Workouts will be geared toward the specific athletic program(s) of which the student is a member. A student may enroll in this class multiple times contingent on their participation in the CHS athletic program. Athletes are encouraged to enroll in this class each semester of their junior and senior year.

Health

Type: Required

Prerequisites: None

Grade: 9, 10

Credits: 5

Lab Fee: None

The intent of this course is to enable students to learn how to make responsible decisions about their health. In this class students will study the following topics: alcohol, drug and tobacco abuse, family life education, first aid, food and nutrition, how to make healthy choices, infectious and noninfectious diseases, mental disorders, suicide, refusal skills, and stress.

Science

SCIENCE FLOWCHART				
RECOMMENDED GRADE LEVEL	BASIC	GENERAL		HONORS
FRESHMEN	Fund. of Biology	Biology		
SOPHOMORES	Fund. of Physical Science	Physical Science	Chemistry	Honors Chemistry 5.0 Scale
JUNIORS	<ul style="list-style-type: none"> • Fund. of Chemistry • Fund. of Physics 	Chemistry	Physics	Honors Physics (DC) 5.0 Scale
SENIORS		<ul style="list-style-type: none"> • Astronomy • Animal Behavior 		<ul style="list-style-type: none"> • Anatomy & Phys. • Environmental Sci. (DC) • Honors Biology (DC) 5.0 Scale

DC = Dual Credit Option

Placement Scores Required for CCC Dual Credit

ACT	NWEA MAP	CCC Course Recommendations
Math	Math	
23	252	PHYS 1410 General Physics I (5)

Fundamentals of Biology

Type: Graduation Requirement Elective

Prerequisites: Teacher recommendation.

Grades: 9

Credits: 10

Lab Fee: None

During this course, students study biology in the areas of biochemistry, cellular structure, the environment, biogeochemical cycles, cellular processes, genetics, and development of life. Practical applications and labs are incorporated to better understand biology concepts. These areas of life science will be met as stated in the Nebraska State Science Standards. **Students will be placed in this course by teacher recommendation only.** This course does NOT meet the admission requirements for the University of Nebraska system.

Biology

Type: Graduation Requirement Elective

Prerequisites: None

Grades: 9

Credits: 10

Lab Fee: None

During this course, students study biology in the areas of biochemistry, cellular structure and processes, biogeochemical cycles, genetics, and development of life. Practical applications and labs are incorporated to better understand biology concepts. These areas of life science will be met as stated in the Nebraska State Science Standards. Students will be expected to complete homework, projects, and study for quizzes and tests outside of class. This course will meet the admission requirement for sciences in the University of Nebraska systems.

Science

Fundamentals of Physical Science

(1/2 Earth, 1/2 Physical)

Type: Graduation Requirement Elective

Prerequisites: Teacher recommendation only.

Fundamentals of Biology.

Grades: 10

Credits: 10

Lab Fee: None

This hands-on learning-based course will cover the basics of physics and earth science. Students will be placed in this course by teacher recommendation only. This course does NOT meet admission requirements for science in the University of Nebraska system.

Physical Science

(1/2 Earth, 1/2 Physical)

Type: Graduation Requirement Elective

Prerequisites: Biology

Grades: 10

Credits: 10

Lab Fee: None

During this course students will study Newton's laws of motion, waves, forces, 1D and 2D motion, space sciences, atmosphere and climate, Earth's history, and changes.

Biology - Honors

[DC Option - CCC - BIOS 1010 (4 credits)]

(5.0 Grade Scale)

Type: Graduation Requirement Elective

Prerequisites: Successful completion of a biology, chemistry and a physics course.

Grade: 12

Credits: 10

Lab Fee: None

The course is designed for students who are college bound. During the course, students study the structures, functions, and processes of living organisms and their interactions with the environment. Major themes include cell structure and specialization, energy, chemistry and biochemistry of life, homeostasis, photosynthesis and respiration, genetics, evolution, and ecology. Honors Biology is a fast-paced, rigorous course in

which the student is expected to be highly motivated to achieve at an accelerated level. Students will be expected to complete coursework outside of class.

Fundamentals of Chemistry

Type: Graduation Requirement Elective

Prerequisites: Teacher recommendation.

Successful completion of Fundamentals of Biology course.

Grades: 11, 12

Credits: 5

Lab Fee: None

Fundamentals of Chemistry is a hands on/lab based course that emphasizes problem solving and decision making skills while giving the student a balanced view of chemistry as it relates to them and their daily lives. Nebraska State Science Standards in the areas of inquiry and physical science will be met. **Students will be placed in this course by teacher recommendation only.** This course does NOT meet the admission requirements for the University of Nebraska system.

Chemistry

Type: Graduation Requirement Elective

Prerequisites: Successful completion of biology course.

Grades: 10, 11, 12

Credits: 10

Lab Fee: None

During this course, students study chemistry in the areas of scientific measurement, atomic structure, periodic table, mole concept, formula writing and nomenclature, classifying and balancing equations, and stoichiometry. Nebraska State Science Standards in the areas of inquiry and physical science will be met. Students will be expected to complete homework, projects, and study for quizzes and tests outside of class. This course will meet the admission requirement for sciences in the University of Nebraska system.

Science

Chemistry - Honors

(5.0 Grade Scale)

Type: Graduation Requirement Elective

Prerequisites: Successful completion of Biology. Teacher recommendation.

Recommended completion of Algebra II or Geometry with an average of 90% or above.

Grades: 10, 11, 12

Credit: 10

Lab Fee: None

This course is designed for students who are college bound and who are interested in science, engineering, health/medicine, or law. The course will cover the major areas of chemistry: scientific measurement, atomic theory and structure, the periodic table, bonding, nomenclature, formulas, equation writing and balancing, thermodynamics, behavior of gases and the gas laws, acids and bases, solutions and stoichiometry. Emphasis will be on mathematical computations and detailed explanations of chemistry concepts. Honors Chemistry is a fast-paced, rigorous course in which students are expected to be highly motivated to achieve at an accelerated level. Students will be expected to complete homework, projects, and study for quizzes and tests outside of class. Nebraska State Science Standards in the areas of inquiry and physical science will be met. This course will meet the admission requirements for sciences in the University of Nebraska system.

Fundamentals of Physics

Type: Graduation Requirement Elective

Prerequisites: Teacher recommendation.

Successful completion of Fundamentals of Biology and Fundamentals of Chemistry.

Grades: 11, 12

Credits: 5

Lab Fee: None

Fundamentals of Physics is a hands-on, project based class, centering around the engineering design process. Focus is on basic physics objectives content and understanding. Nebraska State Science Standards in the areas of inquiry and physical science will be met. **Students will be placed in this course by teacher recommendation only.** This course does NOT meet the admission requirements for the University of Nebraska system.

Physics

Type: Graduation Requirement Elective

Prerequisites: Successful completion of a biology course and a chemistry course. Students need to have completed or be concurrently enrolled in Algebra II

Grades: 11, 12

Credits: 10

Lab Fee: None

This course is intended for juniors and seniors interested in pursuing a non-science career. This course will cover the interactions between matter, energy, and forces. This course requires students to apply algebra to rearrange and solve equations. Students will be required to use computers to gather data, analyze data, and form conclusions from this data. The class consists of lectures, demonstrations, problem solving, and application of problem solving techniques in a lab environment. The amount of homework in this class averages around 45 minutes every other day. This course will meet the admission requirements for sciences in the University of Nebraska system.

Physics - Honors

[DC Option - CCC - PHYS 1410 (5 credits)]

(5.0 Grade Scale)

Type: Graduation Requirement Elective

Prerequisites: Successful completion of Accelerated Algebra II, Accelerated Geometry, and Honors Chemistry all with a grade of "B" or better. Students need to be concurrently enrolled in Accelerated Pre-Calculus or above. (To register for Dual Credit student must have a Math ACT subscore of 23 or higher or MAP Math score of 252 or higher)

Grades: 11

Credits: 10

Lab Fee: None

This course is offered to juniors interested in pursuing a science career. Topics include vectors, motion, force, Newton's Laws, energy, fluids, and heat. This course requires students to have a solid foundation in mathematics. Students will be required to rearrange and solve complex equations. Students will be required to use computers to gather data, analyze data, and form conclusions from this data. The class consists of lectures, demonstrations, problem solving, and application of problem solving techniques in a lab environment. This is a college level physics class. Students will be required to have a Math ACT subscore of 23 or higher to receive college dual credit.

Science

Animal Behavior

Type: Graduation Requirement Elective

Prerequisites: Completion of 30 core science credits.

Grades: 12

Credits: 5

Lab Fee: None

Animal behavior is a science course that focuses on the principal areas of behavior types and why an animal behaves the way it does. Some areas covered include foraging, communication, mate selection, territoriality, predator-prey, mating, parental care, and altruistic behavior. The field study will focus on local animal populations (weather permitting). Class labs will incorporate small organisms such as insects and rodents for study. Inquiry, critical thinking skills, problem solving, and journalizing are emphasized. Responsibility and care toward animal welfare and field sites are enforced.

Astronomy

Type: Graduation Requirement Elective

Prerequisites: Completion of 30 core science credits.

Grades: 12

Credits: 5

Lab Fee: None

Astronomy is an elective class focused on the structure and organization of the solar system, galaxy, and larger universe. Emphasis will also be placed on observational astronomy and the role of astronomy in society. Student work outside of class time includes: project research, some independent astronomical observation, and observation logs.

Environmental Science

[DC Option - CCC - BIOS 1060 (3 credits)] [DC

Option - CCC - BIOS 1070 (1 credit lab)]

Type: Graduation Requirement Elective

Prerequisites: Completion of 30 core science credits.

Grades: 12

Credits: 5

Lab Fee: None

This course studies how humans affect and are affected by their environments. Areas covered in Environmental Science include: conservation, populations, biodiversity, pollution, and natural resources. This class will involve hands-on activities and laboratory work. Environmental Science is a fast-paced, rigorous course in which the student is expected to be an active participant in daily discussions and coursework. Students will be expected to complete homework and study outside of class.

Anatomy & Physiology

Type: Graduation Requirement Elective

Prerequisites: Completion of 30 core science credits.

Grades: 12

Credits: 10

Lab Fee: None

Anatomy and Physiology is a course for those students interested in pursuing science in college, health-related careers, or in learning about the functioning of the human body. The class introduces concepts in anatomy and physiology relative to all major organ systems. Aspects of wellness and disease will also be discussed. **Dissection is a required component of this class.** Anatomy and Physiology is a fast-paced, rigorous course which requires a large amount of memorization and study time outside of class.

Skilled & Technical Sciences

The STEM Academy at CHS, made up of science, technology, engineering and mathematics concepts connected to the skilled and technical science career path. Local business, industry, and schools have joined together to create a workforce pipeline to advance the Columbus community economic development. STEM programs, which include advanced manufacturing design technology, automotive technology, construction technology and welding technology, provides students skills and hands-on experience. Work-based learning opportunities are offered through the Work Place Experiences Program.

Columbus High School STEM Academy - Skilled and Technical Science Programs of Study & Course Sequence Completion					
Advanced Manufacturing			Engineering Technology	Construction Technology	Automotive Technician
Mechatronics & Robotics	Design Technology	Manufacturing Technology			
Basic Electronics	Introduction to Engineering	Linkages	Introduction to Engineering	Introduction to Manufacturing Woods	Introduction to Automotive Technology - 1
Advanced Electronics	Engineering Concepts	Manufacturing Processes	Engineering Concepts	Manufacturing Woods	Basic Automotive Technology Service - 2
Mechatronics I	Computer-Aided Drafting - Solidworks I				
Mechatronics II	Computer-Aided Drafting - Solidworks II	Manufacturing Welding	Robotics	Principles of Construction Technology	Intermediate Automotive Technology Service - 3
Robotics	Architectural Drafting and Design	Advanced Manufacturing Design	Advanced Robotics	Advanced Construction Technology	Advanced Automotive Technology Service - 4
Advanced Robotics					

Programs of Study may cross over between multiple pathways. Several of these courses have the option to be taken as dual credit (DC) through CCC. These DC courses are college level courses taught at CHS. They apply towards a high school diploma and a college degree. **Students must pay CCC tuition to receive the college credit. Scholarships are available.** Please discuss the various options with an STS instructor or your counselor, or Stephanie Carlson - STEM Career Coordinator (carlsons@discoverers.org).

Skilled & Technical Sciences

Introduction to Automotive

Technology - 1

[DC Option - CCC - AUTO 1000 (2 credits)]

Type: Elective

Prerequisites: None

Grades: 11, 12*

Credits: 5

Lab Fee: None

This course is a classroom study of the basic fundamentals of different automotive systems. The course is designed for the student who plans to enroll in advanced automotive courses. Emphasis is placed on basic theory and operation of automotive systems. *Students should register for Basic Automotive Technology Service for the spring semester.

Basic Automotive Technology

Service - 2

[DC Option - CCC - AUTO 1100 (3 credits)]

Type: Elective

Prerequisites: Introduction to Automotive Technology; students must meet the technical proficiency requirement of 80% as set by Nebraska Career Education standards; available auto for tests; valid driver's license.

Grades: 11, 12

Credits: 5

Lab Fee: None

Basic Automotive Technology Service is a course designed for seniors who have successfully completed Introduction to Automotive Technology. The topics will include safety in the shop, battery service, charging and starting system service, ignition system service, and fuel system service. The course will be lecture/lab in nature. Students must wear safety glasses during the lab. Students should register for Intermediate Automotive Technology Service for the fall semester.

Intermediate Automotive

Technology Service - 3

[DC Option - CCC - AUTO 1020 (2 credits)]

-or-

[DC Option - CCC - AUTO 1800 (3 credits)]

Type: Elective

Prerequisites: Basic Automotive

Technology Service; students must meet the technical proficiency requirement of 80% as set by Nebraska Career Education standards; available auto to run checks; valid driver's license.

Grades: 12

Credits: 10

Lab Fee: Determined by project

This course deals with an overview of the theory learned in Basic Automotive Technology Service plus technical lab experiences in the areas of brakes, safety, chassis and suspension, advanced tune up, and engine diagnosis and repair. Students will also perform wheel alignment and chassis service. Students must wear safety glasses during the lab. Students should register for Advanced Automotive Technology Service-4 for the spring semester.

Advanced Automotive Technology

Service - 4

[DC Option - CCC - AUTO 1200 (2 credits)]

Type: Elective

Prerequisites: Intermediate Automotive Technology Service; students must meet the technical proficiency requirement of 80% as set by Nebraska Career Education standards; available auto for tests; valid driver's license. Grades: 12

Credits: 10

Lab Fee: Determined by project

This course is for seniors who have completed Intermediate Automotive Technology Service. Students will have the opportunity to sharpen skills acquired in the prerequisite courses plus complete major work (except body and fender) in areas not mentioned in Introduction to Automotive Technology Service, Basic Automotive Technology Service, or Intermediate Automotive Technology Service. Students must wear safety glasses during the lab.

Skilled & Technical Sciences

Introduction to Engineering

Type: Elective

Prerequisites: Students interested in the STEM area are encouraged to enroll in this course.

Grade: 9

Credits: 5

Lab Fee: None

Introduction to Engineering is a beginning STEM course that is available for all high school **freshman** students. Students with an interest in STEM (Science, Technology, Engineering and Math) are encouraged to register for this class. Students who complete this course will learn the concepts needed to develop their ideas into solutions that will improve lives. Exciting hands-on learning activities will provide students with experiences where they apply math, science, history and English content from other courses in a STEM experience.

Engineering Concepts

Type: Elective; meets Fine/Applied Arts requirement

Prerequisites: None

Grades: 11, 12

Credits: 5

Lab Fee: None \$5.00 to \$7.00

Engineering Concepts is designed for students who are interested in the engineering career pathway. Topics covered will address several professional and technical competencies required for engineers in today's global society. The classroom environment will be expanded to include experiences from around the Columbus area so students can interact with engineers in the field. Students interested in a 2-year or 4-year engineering program or desire to include engineering as part of their Linkages Certification are strongly encouraged to enroll in this course. This class is for students who enjoy math and science courses, have a desire to refine their problem solving skills, want to experience team centered activities, and desire hands-on applications using CAD, solid modeling animation, and computer programmed equipment.

Computer-Aided Drafting - Solidworks I

Type: Elective; meets Fine/Applied Arts requirement

Prerequisites: None

Grades: 10, 11, 12

Credits: 10

Lab Fee: None

This course is an introduction to the basic

fundamentals needed to represent physical objects accurately using the graphic language. It will enable students to plan, sketch, and express themselves graphically. At the completion of this class, students will experience using 2D and 3D programs to complete the assignments. Students who are enrolled in skills and technical science classes, or the Linkages program, or plan to enter some area of the drafting profession, or seek employment in any form of industry will benefit from this class. Computer-Aided Drafting - Solidworks I is part of the Linkages II certification.

Computer-Aided Drafting - Solidworks II

Type: Elective

Prerequisites: Completion of SolidWorks I, students must meet the technical proficiency requirement of 80% as set by Nebraska Career Education standards; or permission of the instructor.

Grades: 11, 12

Credits: 10

Lab Fee: None

This course is designed for students that have completed SolidWorks I. Advanced SolidWorks builds upon the essential lessons to provide instruction on advanced features and capabilities in SolidWorks. Part Modeling teaches students how-to use multi-body solids, sweeping and lofting features, and the more advanced shaping capabilities of SolidWorks. Assembly Modeling teaches how-to maximize your use of the assembly modeling capabilities of SolidWorks. Weldments teaches students how to create welded structures with standard structural members.

Architectural Drafting and Design

Type: Elective; meets Fine/Applied Arts requirement

Prerequisites: None

Grades: 11, 12

Credits: 10

Lab Fee: None

Completion of Computer Aided Drafting -Solidworks I would be beneficial but is not required to take this course. Architectural Drafting and Design is a course designed to teach architectural planning. Students will design a set of house plans. The following topics are covered in this course: 1) design, 2) individual room planning, 3) floor plans, 4) foundation plans, 5) elevation plans, 6) detail plans, and 7) the use of computer-aided-drafting in architectural drawings. This course will be beneficial to any student interested in pursuing architecture or any area of construction.

Skilled & Technical Sciences

Linkages

Type: Elective; meets Fine/Applied Arts requirement

Prerequisites: None

Grades: 9, 10

Credits: 5

Lab Fee: \$5.00 - \$7.00

Linkages is designed for students interested in the Linkages Certification program. Studies include STEM 101 drafting, STEM 101 design STEM 101 math, team building, problem solving, workplace ethics, inventory control, and manufacturing concepts. A key component of the Linkages class is the opportunity to complete performance-based assessments validated by business leaders in our community. Students must complete a series of skill standards to meet certification requirements and build a project using CAD techniques and manufacturing concepts. Linkages is a necessary course for students pursuing careers in electromechanical, drafting, engineering, machine tool technology, welding, manufacturing and/or Linkages Certification.

Manufacturing Processes

Type: Elective; meets Fine/Applied Arts requirement

Prerequisites: Linkages; students must meet the technical proficiency requirement of 80% as set by Nebraska Career Education standards; or permission of the instructor.

Grades: 10, 11, 12

Credits: 5

Lab Fee: Determined by student project - typically \$20.00 - \$60.00

Manufacturing Processes is designed for students interested in Level II Linkages Certification. Learning experiences in Manufacturing Processes include activities relating to problem solving; team building; applications of computer technology to design and produce parts on CNC equipment; production of a small manufactured product using laser, CNC, Touchmate and gas and wire welding processes. A visitation to local industry allows students the opportunity to observe first hand the operations of a modern manufacturing facility. This class provides students with the opportunities to complete performance-based assessments based on local and national industrial standards.

Manufacturing Welding

Type: Elective

Prerequisites: Linkages; students must meet the technical proficiency requirement of 80% as set by Nebraska Career Education standards; or permission of the instructor.

Grades: 10, 11, 12

Credits: 5

Lab Fee: \$15.00

Manufacturing Welding is designed for students interested in welding as a manufacturing process and/or for students who possess the desire to develop welding skills using modern gas and electric arc welding processes. Activities in Manufacturing Welding consists of applying welding safety principles, basic measurement, math, bead welding using gas, wire and electrode welding techniques, cutting metal using plasma arc and flame cutting processes. Collaboration with Central Community College and local industry gives students opportunities to complete tasks in class that will provide them an advantage should they desire to continue to study welding at the post secondary level and/or seek internships in the welding field with local industry.

Advanced Manufacturing Design

[DC Option - CCC - AMDT 1030 (3 credits) - Fall Semester [DC Option - CCC - AMDT 1080 (3 credits) - Spring Semester]

Type: Elective

Prerequisites: Manufacturing Processes; students must meet the technical proficiency requirement of 80% as set by Nebraska Career Education standards; or permission of the instructor.

Grades: 11, 12

Credits: 10

Lab Fee: Determined by student project.

A study of the processes used by modern industry to manufacture consumer products, safety, measurement, planning, precision machining (lathe, mills, surface grinders), metallurgy, CNC, fabrication processes, and finish processes will be included. Students will also explore career opportunities.

Skilled & Technical Sciences

Introduction to Manufacturing Woods

Type: Elective; meets Fine/Applied Arts requirement

Prerequisites: None

Grades: 9, 10

Credits: 5

Lab Fee: Determined by student project - \$35 to \$50.00

Students should register for this course if they intend to take Manufacturing Woods and/ or Principles to Construction Technology. Studies will include safety of hand tools and machines, planning, lumber technology, board feet and square feet calculation, hand tool identification and use, machine identification and use, and a project constructed by the student involving wood joinery and basic finishing.

Manufacturing Woods

Type: Elective.

Prerequisites: Introduction to Manufacturing Woods; students must meet the technical proficiency requirement of 80% as set by Nebraska Career Education standards; or permission of the instructor.

Grades: 10, 11, 12

Credits: 10

Lab Fee: Determined by student project

Manufacturing Woods will include safety of hand tools and machines, project planning, identification and use of all power machines, both portable and stationary, wood joinery, utilization of materials, basic cabinet construction, drawer and door construction, application of cabinet hardware, and finishing. **Students are required to pay the cost of all materials used to construct a cabinet project and provide themselves with a tape measure if needed.**

Principles of Construction Technology

(semester class)

[DC Option - CCC - CNST 1200 (1 credit)]

Type: Elective

Prerequisites: Completion of Introduction; students must meet the technical proficiency requirement of 80% as set by Nebraska Career Education standards; or permission of the instructor.

Grades: 11, 12

Credits: 5

Lab Fee: None

Construction will include tool and equipment safety, basic carpentry terminology, material costs and estimates, blue print reading, common carpentry practices, building construction details, brick and block laying, model home construction and/or full scale construction of a wood frame structure, use of the framing square, tool usage, and maintenance and repair.

Advanced Construction Technology

(double period/year-long class)

[DC Option - CCC - CNST 1400 (3 credits)]

Type: Elective

Prerequisites: Completion of Principles; students must meet the technical proficiency requirement of 80% as set by Nebraska Career Education standards; or permission of the instructor.

Grades: 12

Credits: 10

Lab Fee: None

This class builds on the student's experiences in Introduction to Manufacturing Woods and Principles of Construction Technology. Students will expand their knowledge of the power machinery, residential construction, masonry work, and tools with on the job training. Students will complete a structure off campus allowing them to experience hands-on building experiences. Goal setting, leadership skills, decision-making skills, problem solving skills, and safety will be emphasized. **Students are expected to provide their own tape measure and adequate clothing for outside construction work in cold weather.**

Skilled & Technical Sciences

Basic Electronics(Fall Semester)

[DC Option - CCC - INDT 1100 (3 credits)]

Type: Elective

Prerequisites: Successful completion of Algebra I is required. Introduction to Engineering Principles is also suggested.

Grades: 10, 11, 12

Credits: 5

Lab Fee: None

Basic Electronics is the study of basic electronic components and the principles that guide their operation. Principles of voltage, resistance, and amperage will be covered. Lab work will be done on circuit boards and live components. College level material will be covered.

Advanced Electronics(Spring Semester)

[DC Option - CCC - INDT 1120 (3 credits)]

Type: Elective

Prerequisites: Basic Electronics; students must meet the technical proficiency requirement of 80% as set by Nebraska Career Education standards; or permission of the instructor.

Grades: 10, 11, 12

Credits: 5

Lab Fee: None

Advanced Electronics is the next stage in electronics where advanced concepts and applications will be explored. Theory and application will include, but not be limited to, alternating current, power grid, analog electronics, and digital. Linear electronics must be taken prior to digital. Lab will be done with both simulated and live components. College level material will be covered.

Mechatronics I(Fall Semester)

[DC Option - CCC - INDT 1190 (2 credits)]

Type: Elective

Prerequisites: Advanced Electronics; students must meet the technical proficiency requirement of 80% as set by Nebraska Career Education standards or permission of the instructor.

Grades: 11, 12

Credits: 5

Lab Fee: None

This class will involve the students in the processes of modern manufacturing. Students will explore the fundamental principles of pneumatic systems. The student will become familiar with various system components and their function. The student will gain an understanding of circuit design, installation, maintenance and repair principles including troubleshooting and schematic interpretation. College level material will be covered.

Mechatronics II(Spring Semester)

[DC Option - CCC - INDT 2140 (3 credits)]

Type: Elective

Prerequisites: Mechatronics I; students must meet the technical proficiency requirement of 80% as set by Nebraska Career Education standards or permission of the instructor.

Grades: 11, 12

Credits: 5

Lab Fee: None

This class will involve the students in the process of modern manufacturing. Students will explore in-depth electrical control systems for manufacturing. Sensors, relays, switches, and other components will be studied and applied. The student will gain an understanding of design and maintenance of electro-pneumatic systems including troubleshooting and schematic interpretation. An introduction to PLCs will also be covered. College level material will be covered.

Skilled & Technical Sciences

Robotics(Fall Semester)

Type: Elective

Prerequisites: Completion of Advanced Electronics; students must meet the technical proficiency requirement of 80% as set by Nebraska Career Education standards; or permission of the instructor.

Grades: 11, 12

Credits: 5

Lab Fee: None

Concepts of mechanical systems, structures, programming and sensors will be completed with the VEX robotics platform. Studies will include building techniques and design elements through the application of robotics. Practical applications and ethics of robotics will also be explored.

Advanced Robotics(Spring Semester)

Type: Elective

Prerequisites: Completion of Robotics; students must meet the technical proficiency requirement of 80% as set by Nebraska Career Education standards; or permission of the instructor.

Grades: 11, 12

Credits: 5

Lab Fee: None

Advanced concepts of mechanical systems, structures, programming and sensors will be completed with the VEX robotics platform. Studies will include building techniques and design elements through the application of robotics. Practical applications and ethics of robotics will also be explored.

Social Studies

Social Studies Flowchart		
	Required	Elective
9th Grade	Geography	Law Education
10th Grade	World History	Law Education
11th Grade	U.S. History	Psychology Sociology AP Psychology
12th Grade	American Government Economics	Psychology Sociology AP Psychology

Geography

Type: Required
Prerequisites: None
Grades: 9
Credits: 5
Lab Fee: None

This course will analyze where and why people, cultures, places, and environments are organized. Students will also analyze issues using geographic knowledge and skills.

World History

Type: Required
Prerequisites: None
Grades: 10
Credits: 10
Lab Fee: None

World History will introduce students to the diversity found in today's world. Students will study the history, geography, art, culture and current events of the different areas of the world. Units are designed around big ideas: religion, revolution, identity, imperialism, and human rights. This two-semester course must be passed to fulfill a graduation requirement.

American Government

Type: Graduation Required Elective
Prerequisites: None
Grades: 11, 12
Credits: 5
Lab Fee: None

American Government is a study of our constitutional system with a close examination of the three main branches of our national government with a view to their development and future potential. Emphasis is given to the American political process, including pressure groups, political parties, nominations, elections, and voting behavior. Various activities may be included to stimulate interest and participation in the democratic process. This one-semester course must be passed to fulfill a graduation requirement.

EL American Government

Type: Required
Prerequisites: Teacher Recommendation/EL Student
Grades: 10, 11, 12
Credits: 5
Lab Fee: None

American Government is a study of our constitutional system with a close examination of the three main branches of government. Emphasis is given to the American political process. Various activities may be included to stimulate interest and participation in the democratic process.

Social Studies

US History

Type: Required

Prerequisites:

None **Grades:** 11

Credits: 10

Lab Fee: None

This course is a study of U. S. history from 1900 to present day. It is studied chronologically by time period and/or topical unit. Recurring issues or themes of U. S. history receive primary emphasis (prejudice, depression, war, foreign policy, etc.) throughout the course. This two- semester course must be passed to fulfill a graduation requirement.

EL US History

Type: Required

Prerequisites: Teacher Recommendation/ EL Student

Grades: 11, 12

Credits: 10

Lab Fee: None

The course is a study of U.S. History from 1900 to present day. It is studied chronologically by time period and/or topical units. Recurring issues or themes of U.S. History receive primary focus throughout the course.

US History - Dual Credit

[DC Option - CCC - HIST 2020 (3 credits)]

Type: Required

Prerequisites: CCC Tuition Payment

Grades: 11

Credits: 10 / 3 Hours CCC

Lab Fee: None

This course is a survey of American history from the end of the Civil War to the present day. It is studied chronologically by time period and/ or topical unit. Emphasis is put on the political, economic, and social problems accompanying America's rise as an industrialized world power. Recurring issues or themes of U.S. history receive primary emphasis (prejudice, depression, war, foreign policy, etc) throughout the course. This is a two-semester course that meets both CHS and CCC requirements for credit. Space may be limited to students enrolled as a dual credit course depending on class size.

Economics

Type: Required

Prerequisites: None

Grades: 11, 12

Credits: 5

Lab Fee: None

Students will master fundamental economic concepts, appreciate how the principal concepts of economics relate to each other and understand the structure of economic systems. Students will use economic concepts in a reasoned, careful manner in dealing with personal, community, national and global economic issues. They will use measurement concepts and methods such as tables, charts, graphs, ratios, percentages and index numbers to understand and interpret relevant data. Students will also learn to make reasoned decisions on economics.

Fundamentals of Economics

Type: Required

Prerequisites: Teacher Recommendation

Grades: 11, 12

Credits: 5

Lab Fee: None

Economics is the study of how people make decisions to fill needs and wants when resources are scarce. Students will learn the tools consumers and firms use to make those decisions. Upon completion of this course students will have learned foundational economic concepts such as: intro to econ, the three economic questions, goals of economic systems, types of economic systems, principles of supply and demand, and pricing.

Law Education

Type: Elective

Prerequisites: None

Grades: 9, 10

Credits: 5

Lab Fee: None

This course will provide students with a basic understanding of civil and criminal law. The class will focus on state government and the legal system of this state. Students will be exposed to how laws are made, who they affect, how they are enforced, how they are interpreted and how violators are punished. Special attention will be given to careers in the legal system. The class will also compare and contrast the federal legal systems with the state legal systems.

Social Studies

Sociology

Type: Elective
Prerequisites: None
Grades: 11, 12
Credits: 5
Lab Fee: None

Sociology is a study of human behavior and is useful in helping students understand the complex world in which they live. Sociology provides students with skills needed to meet the various social issues and personal relationships that occur in their lives. Units of study include cultural variation, how we learn to fit into society, values and norms, the roles and statuses we assume, social deviance and crime, gender inequality, adolescent issues including teen sexuality, drug use and suicide, and racial and ethnic issues including discrimination and prejudice.

Psychology

Type: Elective
Prerequisites: None
Grades: 11, 12
Credits: 5
Lab Fee: None

Psychology is a science which deals with behavior and mental processes of humans. The course deals with methods of psychological research, the nervous and endocrine systems, human development from conception to death, learning, social influences on behavior, memory, abnormal behavior and health and well-being. This is an elective course for all students interested in the behavior and mental processes of humans.

Psychology - Advanced Placement

(5.0 Grade Scale)
Type: Elective
Prerequisites: None
Grades: 11, 12
Credits: 10
Lab Fee: None

AP Psychology is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major fields within psychology. They also learn about the methods psychologists use in their science and practice. Units of study include: history and approaches, research methods, biological bases of behavior, sensation and perception, learning, cognition, states of consciousness, motivation and emotion, developmental psychology, personality, testing and individual differences, abnormal psychology, treatment of psychological disorders, and social psychology. The aim of the course is to provide the student with a learning experience equivalent to that obtained in most college introductory courses. The student may opt, at his /her own expense, to take the AP exam in the spring and receive college credit for the course.

Work Based Learning Experiences

WPE (Work Place Experiences)

Type: Elective

Prerequisite: Coordinator approval required.

Provide own transportation Grades: 12

Credits: 5

Lab Fee: None

WPE provides students with the opportunity to gain career readiness skills development (paid or unpaid). Students in WPE will gain an awareness of the nature of a career field in the professional setting. The course is designed to provide high school seniors the opportunity to develop a career-oriented relationship with a community professional in the student's chosen area of interest. Students will be working alongside a business/industry representative from the area and will have independent assignments to complete.

JAG (Jobs for America's Graduates)

Type: Elective

Prerequisite: Coordinator approval required.

Grades: 11, 12

Credits: 5

Lab Fee: None

JAG provides students with career and post secondary education exploration as well as self- development. Students will develop skills and awareness that will benefit them in the workplace through project based learning, speakers, field trips, job shadowing, and internships. The JAG Program is designed to help students with employability skills development, career association, job development, and job placement services, that will result in either a quality job leading to a career after graduation or enrollment in a postsecondary education or training program.

Career Certifications Available to CHS Students

		
Apprenticeship Program Industrial Manufacturing Technician	Certified Nurses Assistant Register Through CCC	Microsoft Office Suite Word, Excel, PowerPoint
		
OSHA 10 Safety	Snap On Measurement	Computer Aided Drafting
		
WISE Financial Literacy	Linkages Manufacturing Certification	

World Languages

Please note that any student who fails the first semester of any world language class will not be able to continue in that class for the second semester. Said students will need to enroll in a class other than a world language class for the second semester. Students may enroll to retake the failed class the following school year.

Spanish I

Type: Elective

Prerequisites: Teacher recommendation only with a “C” or better average from English during the previous year.

Grades: 9, 10, 11

Credits: 10

Lab Fee: None

Reading selections and conversations provide the background material for the development of basic vocabulary words. Oral practice of the basic sound system of the language is provided through the use of audio recording and videos specifically designed to coordinate with the textbook. Grammar and language structures will be learned using thematic units. The cultural emphasis gives students an understanding of the way in which the people of the Hispanic world live. Students taking Spanish must be willing to spend time memorizing the extensive vocabulary, as well as use it to communicate orally.

Spanish II

Type: Elective

Prerequisites: Spanish I, grade of “78%” or higher for both semesters.

Grades: 9, 10, 11, 12

Credits: 10

Lab Fee: None

Students will increase their understanding of the Spanish language by studying grammar, vocabulary and language structures. Students will be expected to translate and write basic sentences and to articulate them in coherent passages. Students will improve their vocabulary base

by studying and applying vocabulary. Verbal repetition and basic conversation is expected of students enrolled in Spanish II. The class will also spend time learning about various cultural topics of Latino and Hispanic people. It is essential that students learn the vocabulary and grammar of the Spanish language in order to succeed in this course. Students are expected to have retained what they learned in Spanish I. They also need to be prepared to speak in Spanish in class.

Spanish III

[DC Option - NWU - Spanish 1020 (4 credits) for 11, 12 grades students only]

Type: Elective

Prerequisites: Spanish II, grade of “78%” or higher for both semesters.

Grades: 10, 11, 12

Credits: 10

Lab Fee: None

This is a continuation of the second year Spanish course. Students are expected to have retained what they learned in Spanish II. Students study grammar, vocabulary, and structural patterns of the language. Students continue to develop proficiency in the four basic skills: listening, speaking, reading, and writing. This class is conducted in Spanish. Students are expected to use Spanish as much as possible. This is a dual credit class and students will be expected to show proficiency in the concepts learned. It is expected that students be independent learners and require minimal direction.

World Languages

Spanish IV

[DC Option - NWU - Spanish 2010 (4 credits)]

Type: Elective

Prerequisites: Spanish III, grade of “78%” or higher for both semesters.

Grades: 11, 12

Credits: 10

Lab Fee: None

This is a continuation of the third year Spanish course. Students are expected to have retained what they learned in Spanish I. Students acquire more vocabulary and continue to study grammar. Contingent upon approval, a unit of conversational Spanish is presented to selected elementary classes by the fourth year students during 2nd semester classes. Students will participate in a language competition that will be part of their final grade. Participation in these events is mandatory. This class will be conducted entirely in Spanish. Students are expected to communicate with well-structured sentences and accurate grammar. It is expected that students be independent learners and require minimal direction.

Spanish V

[DC Option - NWU - Spanish 2020 (4 credits)]

Type: Elective

Prerequisites: Spanish IV, grade of “78%” or higher for both semesters.

Grades: 12

Credits: 10

Lab Fee: None

This is a class for seniors who have completed Spanish IV. Students are expected to have retained concepts learned in Spanish I - IV. Students will read three short novels in Spanish. This class will help them reinforce and practice all grammar concepts studied thus far. Students will gain understanding of verb tense, and structures such as indicative tenses, and subjunctive tenses. Students will practice their conversational skills by working on presentations, conversations and role play situations. The class will be conducted entirely in Spanish and students will practice listening, reading, writing and speaking. Participation in language competition is mandatory.

German I

Type: Elective

Prerequisites: Teacher recommendation only with a **“C” or better average from English during the previous year.**

Grades: 9, 10, 11

Credits: 10

Lab Fee: None

German I is devoted to building a large vocabulary of frequently used words and phrases. Students taking German must be willing to spend time memorizing the vocabulary. German I develops the grammatical base needed for German II and emphasizes oral comprehension, sentence structure and speaking correctly. Students will become familiar with the language that mirrors today’s contemporary everyday life of teenagers in German speaking countries. They will be exposed to numerous real-life situations and will be able to better relate to their own surroundings and make comparisons between cultures of German speaking countries and their own culture.

German II

Type: Elective

Prerequisites: German I, grade of “78%” or higher for both semesters.

Grades: 10, 11, 12

Credits: 10

Lab Fee: None

German II continues the study of vocabulary and continues to develop and expand the grammatical base. The students will be expected to translate and write basic sentences, and to articulate them in coherent paragraphs. Verbal repetition and basic conversation is expected of students enrolled in German II. Students are expected to have retained what they learned in German I and need to be prepared to speak German in class. A variety of activities are implemented to guide the student through their language learning.

World Languages

German III

Type: Elective

Prerequisites: German II, grade of “78%” or higher for both semesters.

Grades: 11, 12

Credits: 10

Lab Fee: None

German III is a continuation of the second year German course. Students are expected to have retained what they learned in German II. Students will study grammar and vocabulary, and they will continue to develop proficiency in the four basic skills: listening, speaking, reading, and writing. Students are expected to use German as much as possible.

Second semester will be taught primarily in the target language. It is expected that students be independent learners and require minimal direction.

German IV

Type: Elective

Prerequisites: German III, grade of “78%” or higher for both semesters.

Grades: 12

Credits: 10

Lab Fee: None

This is a continuation of third year German. Students are expected to have retained what they learned in German III. Students acquire more vocabulary and continue to study grammar. Students will participate at a language fair in Lincoln if class is taken during the 2nd Semester.

Participation in these events is mandatory. Students are expected to communicate with well-structured sentences and accurate grammar. It is expected that students be independent learners and require minimal direction.

SCHOOL CLOSINGS AND CANCELLATIONS

In case of hazardous or emergency conditions, the superintendent may alter district and transportation schedules as are appropriate to the particular condition. Such alterations include closure of all schools, closure of selected schools or grade levels, delayed openings of schools and early dismissal of students. This includes conditions such as health and safety concerns as directed by the superintendent. Such decisions shall be communicated to students, staff, parents, community members and the local media as soon as practical. Following closure, no one shall be allowed into closed facilities, classrooms, or district properties without permission of the superintendent.

[When regular morning school bus routes cannot be run due to road conditions, yet travel in town is not seriously hampered, school may remain open. When possible a "limited service" bus route shall be run anytime school remains open and it is not possible to run regular routes.]

The superintendent will develop and maintain such plans and procedures as are necessary to carry out alternate school and bus schedules.

At the beginning of each school year students, parents and staff will be informed of the procedures used to notify them in case of an emergency closure.

Approved _____ Reviewed _____ Revised _____

SCHOOL CLOSINGS AND CANCELLATIONS

In case of hazardous or emergency conditions, the superintendent may alter district and transportation schedules as are appropriate to the particular condition. Such alterations include closure of all schools, closure of selected schools or grade levels, delayed openings of schools and early dismissal of students.

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At the beginning of each school year students, parents and staff will be informed of the procedures used to notify them in case of an emergency closure.

Committee As A Whole
Monday, February 10, 2020 5:30 PM Central

Administration Building
2508 27th Street
Columbus, NE 68601

Candace Becher: Present
Mike Goos: Absent
Michael Jeffryes: Present
Doug Molczyk: Present
Theresa Seipel: Present
Douglas Willoughby: Present
Present: 5, Absent: 1.

I. Committee As A Whole

I.A. Call to Order

I.B. Roll Call of Board

Motion to excuse Mike Goos. Passed with a motion by Michael Jeffryes and a second by Candace Becher.

Mike Goos: Absent, Candace Becher: Yea, Michael Jeffryes: Yea, Doug Molczyk: Yea, Theresa Seipel: Yea, Douglas Willoughby: Yea
Yea: 5, Nay: 0, Absent: 1

I.C. Pledge of Allegiance

I.D. Notice of Open Meeting Posted

I.D.1. President insures all can hear proceedings

I.E. Presentations

I.E.1. Columbus Middle School Presentation

Amy Haynes, CMS Principal updated the board on CMS academics, activities and statistics. Mrs. Haynes said they put out a weekly newsletter for teachers called Vision and Purpose.

Amy Mancini talked about how they are helping teachers become more proficient at understanding and responding to data received from NWEA/MAP Tests. At this time, they are working on a book study with the book, "Responding to Data". The BIST Vision Team is taking action to tighten up procedures. Dr. Mancini says they are using a behavior flow chart to pull information together. BIST Consultants visit 5 times per year. Dr. Mancini and Mrs. Haynes recently attended a BIST conference, and webinars. CMS is placing a lot of focus on this. CMS is using a PLC Playbook to organize their meetings, and conduct Vertical Alignment meetings 2 times this year. Administrators are offering extra training to teachers to help get the most from collaboration time.

Mrs. Haynes shared that CMS has increased by 40 students and teacher numbers have remained the same. Ethnicity has gradually increased. Free and reduced students show a higher average in their building than the state averages.

She showed the radar chart growth and a snap-shot from the AQuestt report. This will be the last year of the old standards, new standards will begin next school year.

The five CMS School Wide Goals were discussed, each department has chosen one of these goals to work on. SMART Goal Data was shared, and it is being posted around the building to show growth in student's scores.

Adriana Carnes, CMS Assistant Principal, spoke about attendance and the way they are increasing communication with parents by sending letters once a week and utilizing the attendance monitor. Many families are in need in our district, CMS is trying to connect with these families and get help and share resources. Jordon Anderson, Assistant Principal, talked about increasing participation in activities, not just sports. We do continue to have large numbers out for sports, but CMS has many other activities to participate in. Mr. Anderson also said we have a great facility for hosting events. CMS has hosted a Quiz Bowl, Honor Band and Robotics, it is great for the community to know that our facility is available for all types of events.

The Student Council Sponsors, Christina Nilson and Ana Harms reported on the Discoverer Den Project/School store. The idea is for students to earn Discoverer Bucks, once a quarter they can use their bucks to purchase items from the store. This project started with the Superintendent's Academic Incentive Grant and donations from staff, all the inventory from those sources sold out in one day. The next time they opened the store, students purchased with money to use to open the store the next time. Some students are receiving so many Discoverer Bucks they are unable to use all of them. The plan is to be open once a month. There is a lot of excitement with this project.

I.E.2. Branding Guide Presentation

Nicole Anderson Executive Director of Columbus Public Schools Foundation/Marketing and Communications spoke about the Branding Guide. The goal is to standardize the use of our logos and colors. The guide shows main use colors, STEM colors, and main typefaces that are approved to use. When creating the guide, they tried to keep it easy for everyone to identify what can be used. If branding with another group, our logo always stands out. The guide shares the graphic element that has been approved. We had many looks of the compass, schooner, and the anchor, so it has been cleaned up to include what should be utilized.

Mrs. Anderson shared that groups do have the ability to use some creativity. The guide offers templates for changing out school names for each building for stationery, email, labels, fax cover sheets, power points, etc. Club logos changed out in logos that were already being used.

State or national trademarks will be honored, we will eventually trademark our logos. Clark Creative Group is working with CPS on this project.

I.F. Board Special Functions

I.F.1. CPS Calendars 2020-2021

Dr. Loeffelholz discussed the calendar for 2020-21, there was one meeting with the committee that included teachers, administrators, and parents to go over 4 calendars. A few options were discussed such as beginning dates, ending dates, and length of breaks. The calendar was then sent out to staff for feedback. Dr. Loeffelholz received information about the state ACT testing set for the Tuesday after Easter and how that may be affected if we had Easter break through the Monday before. Again, feedback was requested, and it was decided to make a change according to the information and feedback. Feedback included information regarding possibly having a day off in the 7 weeks between break and the end of the school year. The calendar reflected those ideas.

I.F.2. Option Enrollment Resolution, 2020-2021/ Student-Within-Transfers, 2020-2021

Dr. Loeffelholz shared the numbers for each grade level and the limits on class sizes. Third and fifth grade are the only grade levels open to Option Enrollment. According to our numbers. Also mentioned was the fact that any in district students have to be provided a slot for education regardless of our numbers. Dr. Loeffelholz shared the district philosophy that when we take a family, we keep the family and continue taking the younger siblings. Jason Harris, Executive Director of Student Services and SPED said we try to stay within the the policy, we do consider some special circumstances regarding transportation. CPS works with the Columbus Community Hospital and The Project Search Program. We take high needs students from other districts and there is a fee that is paid for that service of \$40,000.00.

I.F.3. Human Resources Position

Dr. Loeffelholz talked about the human resources and business operations position being advertised separately and jointly. There was conversation about how that looks for CPS. Board Member Doug Molczyk asked for a comparability study which included 13 districts plus Columbus, the study looked at number of students, number of buildings, and total number of staff. The study was to answer the question of how many administrative positions each district had to handle all the business. Some districts have assistant superintendents, several executive directors. Other districts listed classified staff as holding district office positions. There was a wide variety of staff and numbers. More information will be shared in the Executive Session.

I.G. Consent Agenda

I.G.1. Approval of Minutes

I.G.2. Financial Reports M2, M3, M4a

Mr. Dave Melick, Executive Director of Business Operations and Human Resources summarized the financial statements. Financial Report M2 show receipts for scoreboard ads. Mr. Melick explained that some local businesses were recruited to help pay for scoreboards, CPS received \$29,000.00, this money is used to repay the district for scoreboards. CPS has five-year contracts, they get advertising on the scoreboards in the CHS gym. Financial Report M3 shows a line item for \$862,000.00 in property taxes and \$27,660.00 ESSA Title IV Grant money. Also included is some Medicaid in public school's revenue for working with students for specialized needs and nursing services.

Financial Report M4a includes a payment to CPS Foundation for STEM Equipment through a reserve fund to replace equipment that comes from the depreciation fund, it runs through the Foundation where the initial purchases were made. Edupoint, new student information service, first year's payment which includes training.

I.G.3. Certified Personnel

Mr. Melick spoke about the elementary principals interviewing and hiring teachers anticipating the need for the 2020-21 school year. They have interviewed 6 and hired 3 to start next fall. Interviews are done by all elementary principals. Placement is based on the needs for the district. Joan Van Ruden Krueger resigned from Sixpence.

I.G.4. Classified Personnel

Much of the report is for the After-School Program, 5 resignations and 5 hires. Comments were made about the turnover and possible reasons. They seem like tough positions to fill because of the number of hours and time of day. They have tried to link paras with ASP to create more hours.

I.G.5. Professional Travel

Some items listed on the report NSAA Meeting, UNK Recruiting, Football Clinic, BIST, Legislative Meetings.

I.H. Acceptance of Gifts/Donations

Dr. Loeffelholz mentioned the contributions for December as \$37,747.84. \$194,114.12 total 2019-20. Community & Family Partnership are still using the Foundation as a flow through until they are able to get accounts set up. A correction will be made to the report-North Park PTO, Santa Claus PTO Night payment should be \$429.06.

I.I. Business Operations and Human Relations

I.I.1. Administrative Functions

I.I.1.1. Charitable Giving Fundraising Application

Mr. Melick said these are fundraising projects that we have done in past years.

I.I.1.2. TERIP Proposal 2020-2021

Mr. Melick shared the 5 people that have applied for TERIP:

Barb Leu
Karen Maurer
Dave Melick
Kris Wurtz
Tom Bock

There is 173 years of education represented with the 5 educators listed.

I.I.1.3. Surplus

Items for surplus are outdated kindergarten banners, books, and library materials.

I.I.2. Updates

Mr. Melick gave updates on trainings for administrators, Rater Reliability training. It was three days of training with live teachers, and then debriefing. Reports were very positive. Last summer there was a grant for some kitchen equipment for LunchTime Solutions. They have applied for for this grant again this year, to purchase a cold bar for salad for CMS. The Food Service Advisory Council met last week, there are students from each building and Randi Masek, the LunchTime Solutions Food Service Director. The discussion was regarding likes/dislikes and concerns. Mr. Melick felt the meeting was nicely done with great information.

I.J. Buildings & Sites/Technology

I.J.1. Administrative Functions

I.J.1.1. CMS Cooling Tower Coil Replacement

Leonard Kwapnioski, Executive Director of Building and Sites/Technology, shared the issue regarding one of the two cooling towers at CMS being down. His research has shown it is much cheaper to do the coil pack. The cooling tower is \$240,000.00. The coil pack needs to get ordered as soon as possible, it will take 8 to 12 weeks to arrive. Money from maintenance and repair will be used. Beard-Warren will be doing the work.

I.J.2. Updates

Mr. Kwapnioski updated the board on the start of implementation of Edupoint. He also shared that a new food service program will be needed to use with the new student information program. The one being looked at is easy to use, accepts online payments, and handles free and reduced forms well. This program will take payment for all activities as well as lunch money. Bennington Public Schools uses this program, called My School Bucks. The fees are paid by payee.

Information to share from the Building and Sites meeting on Kramer bids, the committee looked at the top three, lowest bids. References were contacted for the top 3. Interviews will take place before next Monday's meeting. Interviews will help clarify what is included in the bids. We are looking for referrals from other districts closer to CPS size. Waiting for

some call backs. If we are not ready with the information, we can have a special meeting to vote.

I.K. Curriculum and Instruction

I.K.1. Administrative Functions

I.K.2. Updates

Dr. Amy Romshek, Executive Director of Curriculum updated the board on the work that is being done to integrate technology in Physics Class. Focus on Physics, piloting a new program. Piloted by Brian Townsend and Trudi Noonan. Students - creative processes to build models and think about how the world works. Teachers have to take the training for 3 weeks in Arizona. Clips from two different classes. Focus on growth, technology, coding. Quality Technology Integration, needs to be collaborated between the students. Critical thinking and creativity. Choice will come in their assessment.

I.L. Student Services

I.L.1. Administrative Functions

I.L.1.1. Special Education 2020-2021 Projections

Jason Harris, Executive Director of Student Services/SPED, commented on the SPED Projection Numbers, he shared the June snapshot for state reporting. CPS is serving 701 total special education students, we are looking at 724 for next year, this is right around 15%. Numbers of birth to 3 is 42, Sixpence serves birth-3 years, these students may not have special education needs but they have a risk factor such as single parent, teen parent, poverty, etc. Any child in foster care is automatically declared for special education services because of trauma.

I.L.2. Updates

Mr. Harris talked about the January 30, 2020 Committee mtg. Providers look at infant /toddler care. Parenting classes and how we would partner with other offerings. What does programming look like? Also shared that C4K Core Team meets on the February 19th at the Administration Building.

The iJAG Program was discussed, Mr. Hiebner, CHS Principal shared this information, the program guarantees 85% of those participating are free/reduced students based on DHHS criteria. Fifty students involved now, CHS is at 66%.

I.M. Superintendent's Report

Dr. Loffelholz and Board Member Doug Willoughby updated on the Legislative Issues Conference they attended. The conference was attended by the Lieutenant Governor, Mike Foley, along with Senators Groene, Linehan, and Brewer. LB 974 Funding bill, proposed increased aid \$707,000.00 does not make up what we would lose. Our levy would have to go to \$1.07.67. Other topics included equalization of schools, foundation aid, and LB 1202 which provides 10 million to pay for private education.

Dr. Loeffelholz also talked about the district snow days, replacing, and making up those days. Some districts give 1 or 2 free days, and then make up if there are more.

I.N. Board Sharing

Board Sharing will be at the regular meeting next week.

I.O. Executive Session

It is recommended the board go into executive session to discuss personnel issues. Passed with a motion by Doug Molczyk and a second by Theresa Seipel.

Mike Goos: Absent, Candace Becher: Yea, Michael Jeffryes: Yea, Doug Molczyk: Yea, Theresa Seipel: Yea, Douglas Willoughby: Yea

Yea: 5, Nay: 0, Absent: 1

Motion to come out of executive session. Passed with a motion by Theresa Seipel and a second by Doug Molczyk.

Mike Goos: Absent, Candace Becher: Yea, Michael Jeffryes: Yea, Doug Molczyk: Yea, Theresa Seipel: Yea, Douglas Willoughby: Yea

Yea: 5, Nay: 0, Absent: 1

I.P. Adjourn

I, the undersigned, being the duly qualified Secretary for the School District No. 1 of Columbus, Nebraska, certify that the preceding is a true and correct copy of the minutes of the Regular School Board meeting of Monday, February 10, 2020.

President

Secretary

Regular Meeting
Monday, February 17, 2020 5:30 PM Central

ESU7/CPS Student Center
2563 44th Avenue
Columbus, NE 68601

Candace Becher: Present
Mike Goos: Absent
Michael Jeffryes: Present
Doug Molczyk: Present
Theresa Seipel: Present
Douglas Willoughby: Present
Present: 5, Absent: 1.

I. Board Meeting

I.A. Call to Order

I.B. Roll Call of Board

Motion to excuse Mr. Goos from the meeting. Passed with a motion by Michael Jeffryes and a second by Doug Molczyk.

Mike Goos: Absent, Candace Becher: Yea, Michael Jeffryes: Yea, Doug Molczyk: Yea, Theresa Seipel: Yea, Douglas Willoughby: Yea
Yea: 5, Nay: 0, Absent: 1

I.C. Pledge of Allegiance

I.D. Notice of Open Meeting Posted

I.D.1. President insures all can hear proceedings

I.E. Mission Statement

Doug Molczyk read the mission statement.

I.F. Opportunity for Public to be Heard

I.G. Board Special Functions

I.G.1. LB 974 and LB 1202 Discussion

Senators Moser and Linehan shared information about LB 974 the property tax incentive bill and LB 1202, the tax rebate for giving to private school scholarship fund.

I.G.2. Mike Goos Board Resignation

The Superintendent recommends that the board accept the resignation of Mike Goos from the Board of Education. Passed with a motion by Douglas Willoughby and a second by Doug Molczyk.

Mike Goos: Absent, Candace Becher: Yea, Michael Jeffryes: Yea, Doug Molczyk: Yea, Theresa Seipel: Yea, Douglas Willoughby: Yea
Yea: 5, Nay: 0, Absent: 1

I.G.3. Consideration of candidates to fulfill the remaining term of Mike Goos after the posting of vacancy and applications to be filled out.

I.G.4. CPS 2020-2021 Calendar

The Superintendent recommends that the Board approve the CPS 2020-2021 Calendar, as submitted. Passed with a motion by Doug Molczyk and a second by Michael Jeffryes.

Mike Goos: Absent, Candace Becher: Yea, Michael Jeffryes: Yea, Doug Molczyk: Yea, Theresa Seipel: Yea, Douglas Willoughby: Yea
Yea: 5, Nay: 0, Absent: 1

Dr. Loeffelholz commented on the snow day options.

I.G.5. Option Enrollment Resolution, 2020-2021/ Student-Within-Transfers, 2020-2021

The Superintendent recommends the Board approve the Option Enrollment Resolution, 2020-2021/ Student-Within-Transfers, 2020-2021, as submitted. Passed with a motion by Doug Molczyk and a second by Theresa Seipel.

Mike Goos: Absent, Candace Becher: Yea, Michael Jeffryes: Yea, Doug Molczyk: Yea, Theresa Seipel: Yea, Douglas Willoughby: Yea
Yea: 5, Nay: 0, Absent: 1

This policy sets grade level numbers to maintain option enrollment number.

I.H. Recognitions

I.I. Items to be removed from the Consent Agenda

I.J. Consent Agenda

Motion to approve the Consent Agenda. Passed with a motion by Douglas Willoughby and a second by Michael Jeffryes.

Mike Goos: Absent, Candace Becher: Yea, Michael Jeffryes: Yea, Doug Molczyk: Yea, Theresa Seipel: Yea, Douglas Willoughby: Yea
Yea: 5, Nay: 0, Absent: 1

I.J.1. Approval of Minutes

I.J.2. Financial Reports M2, M3, M4a

I.J.3. Financial Report M5

Dave Melick, Executive Director of Business Operations and Human Relations, commented on financial report M5. One entry is for Learning Science this is for three days of principal coaching.

I.J.4. Certified Personnel

I.J.5. Classified Personnel

I.J.6. Professional Travel

I.K. Acceptance of Gifts/Donations

The Superintendent recommends that the Board accept the attached gifts/donations. Passed with a motion by Michael Jeffryes and a second by Theresa Seipel.

Mike Goos: Absent, Candace Becher: Yea, Michael Jeffryes: Yea, Doug Molczyk: Yea, Theresa Seipel: Yea, Douglas Willoughby: Yea

Yea: 5, Nay: 0, Absent: 1
Corrected report attached.

I.L. Business Operations and Human Relations

I.L.1. Policies

I.L.2. Administrative Functions

I.L.2.1. Charitable Giving Fundraising Applications

The Superintendent recommends that the Board approves Charitable Giving Fundraising Applications, as submitted. Passed with a motion by Doug Molczyk and a second by Michael Jeffryes.

Mike Goos: Absent, Candace Becher: Yea, Michael Jeffryes: Yea, Doug Molczyk: Yea, Theresa Seipel: Yea, Douglas Willoughby: Yea
Yea: 5, Nay: 0, Absent: 1

I.L.2.2. TERIP Proposal 2020-2021

The Superintendent recommends that the board accept the TERIP applications. Passed with a motion by Doug Molczyk and a second by Douglas Willoughby.

Mike Goos: Absent, Candace Becher: Yea, Michael Jeffryes: Yea, Doug Molczyk: Yea, Theresa Seipel: Yea, Douglas Willoughby: Yea
Yea: 5, Nay: 0, Absent: 1

I.L.2.3. Surplus

The Superintendent recommends that the Board approve the declaration of surplus property, as submitted. Passed with a motion by Douglas Willoughby and a second by Michael Jeffryes.

Mike Goos: Absent, Candace Becher: Yea, Michael Jeffryes: Yea, Doug Molczyk: Yea, Theresa Seipel: Yea, Douglas Willoughby: Yea
Yea: 5, Nay: 0, Absent: 1

I.L.3. Updates

I.M. Buildings & Sites/Technology

I.M.1. Administrative Functions

I.M.1.1. CMS Cooling Tower Coil Replacement

The Superintendent recommends that the Board approve the purchase of the CMS Cooling Tower Coil Replacement. Passed with a motion by Doug Molczyk and a second by Candace Becher.

Mike Goos: Absent, Candace Becher: Yea, Michael Jeffryes: Yea, Doug Molczyk: Yea, Theresa Seipel: Yea, Douglas Willoughby: Yea
Yea: 5, Nay: 0, Absent: 1

Board Member, Mike Jeffryes asked about insurance covering the cost of the cooling tower, Leonard Kwapnioski, Executive Director of Building and Sites/Technology said the replacement is for general wear and tear and insurance would not cover.

I.M.2. Updates

Mr. Kwapnioski shared the latest on the architectural bids for the Kramer Education Center.

I.N. Curriculum and Instruction

I.N.1. Policies

I.N.2. Administrative Functions

I.N.3. Updates

I.O. Student Services

I.O.1. Policies

I.O.2. Administrative Functions

I.O.2.1. Special Education 2020-2021 Projections

The Superintendent recommends that the Board accept the Special Education 2020-2021 Projections, as submitted. Passed with a motion by Theresa Seipel and a second by Doug Molczyk.

Mike Goos: Absent, Candace Becher: Yea, Michael Jeffryes: Yea, Doug Molczyk: Yea, Theresa Seipel: Yea, Douglas Willoughby: Yea

Yea: 5, Nay: 0, Absent: 1

I.O.3. Updates

I.P. Superintendent's Report

Dr. Leoffelholz said their will be one meeting for March on the 16th at the Student Center/ESU 7. He also updated the board regarding interviews for the Business Finance Position. Three people are scheduled for Tuesday, February 18.

I.Q. Board Sharing

II. Executive Session

III. Adjourn

Motion to adjourn. Passed with a motion by Theresa Seipel and a second by Douglas Willoughby.

Mike Goos: Absent, Candace Becher: Yea, Michael Jeffryes: Yea, Doug Molczyk: Yea, Theresa Seipel: Yea, Douglas Willoughby: Yea

Yea: 5, Nay: 0, Absent: 1

I, the undersigned, being the duly qualified Secretary for the School District No. 1 of Columbus, Nebraska, certify that the preceding is a true and correct copy of the minutes of the Regular School Board meeting of Monday, February 17, 2020.

President

Secretary

Columbus Public Schools
 Summary of Cash Balances
 February 29, 2020

DESCRIPTION	BEGINNING BALANCE	MONTH TO DATE RECEIPTS	MONTH TO DATE EXPENDITURES	END OF MONTH BALANCE	YTD BALANCE PRIOR YEAR
Attachment M4a			\$ 3,390,694.82		
Attachment M5 (prior Bd Mtg)			\$ 72,321.35		
GEN FUND - GREAT PLAINS STATE BANK	\$ 2,544,172.18	\$ 3,818,635.99	\$ 3,463,016.17	\$ 2,899,792.00	\$ 1,941,582.08
Dividends		\$ 1,291.72	\$ -		
Management Fees			\$ 254.04		
Investment Loss		\$ -	\$ 60.33		
GENERAL FUND - FNB TRUST	\$ 927,508.83	\$ 1,291.72	\$ 314.37	\$ 928,486.18	\$ 1,888,217.95
PAYROLL - PINNACLE BANK	\$ 234,228.73	\$ 3,302,384.37	\$ 3,287,392.85	\$ 249,220.25	\$ 215,773.76
PAYFLEX - PINNACLE BANK	\$ 31,370.01	\$ 12,920.46	\$ 15,973.85	\$ 28,316.62	\$ 8,197.07
Dividends		\$ 2,817.49			
Management Fees			\$ 426.88		
Investment Loss/Gain		\$ 572.52	\$ -		
Scoreboard Ad		\$ 3,000.00	\$ -		
Fruhauf Uniforms Inc			\$ 115,299.40		
DEPRECIATION - FNB	\$ 1,552,833.21	\$ 6,390.01	\$ 115,726.28	\$ 1,443,496.94	\$ 1,537,421.70
Administration	\$ 462,075.81	\$ 99,321.24	\$ 8,510.51	\$ 552,886.54	\$ 886,074.72
Middle School	\$ 91,214.06	\$ 7,229.29	\$ 4,888.56	\$ 93,554.79	\$ 71,134.39
High School	\$ 448,764.66	\$ 54,601.86	\$ 106,191.68	\$ 397,174.84	\$ 407,590.21
ACTIVITY FUNDS - COLUMBUS BANK	\$ 1,002,054.53	\$ 161,152.39	\$ 119,590.75	\$ 1,043,616.17	\$ 1,364,799.32
Student Meals		\$ 83,849.10			
Federal Reimbursement		\$ 152,237.99			
Rct to Expenditures		\$ 894.13			
Interest Income		\$ 575.29			
NUTRITION FUND - CORNERSTONE BANK	\$ 282,533.41	\$ 237,556.51	\$ 129,534.48	\$ 390,555.44	\$ 265,384.83
Platte County Treasurer		\$ 153,758.17			
Butler County Treasurer		\$ 1,966.71			
Dividends		\$ 870.07			
Management Fees		\$ -	\$ 149.21		
Investment Loss			\$ 294.21		
BOND FUND - FNB	\$ 548,401.00	\$ 156,594.95	\$ 443.42	\$ 704,552.53	\$ 924,349.77
Dividends		\$ 205.51			
Management Fees			\$ 108.65		
Investment Loss		\$ -	\$ 191.08		
SPECIAL BLDG FUND - FNB TRUST	\$ 394,648.96	\$ 205.51	\$ 299.73	\$ 394,554.74	\$ 482,679.62
SPECIAL BLDG FUND - BANK OF THE VALLEY	\$ 377,619.87	\$ 45,113.05	\$ -	\$ 422,732.92	\$ 657,596.06

Columbus Public Schools
 General Fund Revenue Detail
 February 29, 2020

Account Number	Description	Budget	Month To Date	Year to Date	Balance	Percent
01.1.01100.000.000	Property Taxes	(\$19,887,824.00)	(\$903,330.34)	(\$8,775,654.69)	(\$11,112,169.31)	44.13%
01.1.01115.000.000	Carline Taxes	(\$25,000.00)	\$0.00	\$0.00	(\$25,000.00)	0.00%
01.1.01120.000.000	Public Power District Sales Ta	(\$450,000.00)	\$0.00	\$0.00	(\$450,000.00)	0.00%
01.1.01125.000.000	Motor Vehicle Taxes	(\$2,025,000.00)	(\$189,862.02)	(\$1,099,748.45)	(\$925,251.55)	54.31%
01.1.01312.000.000	Tuition, Summer School	(\$3,000.00)	\$0.00	\$0.00	(\$3,000.00)	0.00%
01.1.01323.000.000	Tuition, SpEd School Age	(\$150,000.00)	(\$299,409.00)	(\$883,111.00)	\$733,111.00	588.74%
01.1.01510.000.000	Interest	(\$105,000.00)	(\$6,342.76)	(\$51,326.20)	(\$53,673.80)	48.88%
01.1.01910.000.000	Rental Fees	(\$7,500.00)	\$0.00	(\$4,800.00)	(\$2,700.00)	64.00%
01.1.01911.000.000	Local License Fees	\$0.00	\$0.00	(\$4,830.00)	\$4,830.00	#DIV/0!
01.1.01921.000.000	Police Court Fines	(\$15,000.00)	\$0.00	\$0.00	(\$15,000.00)	0.00%
01.1.01925.000.000	Grants from Private Sources	(\$13,000.00)	\$0.00	\$0.00	(\$13,000.00)	0.00%
01.1.02110.000.000	County Fines&License Fees	(\$230,000.00)	(\$11,600.70)	(\$80,905.34)	(\$149,094.66)	35.18%
01.1.03110.000.000	State Aid	(\$16,269,523.00)	(\$1,626,952.00)	(\$9,761,712.00)	(\$6,507,811.00)	60.00%
01.1.03120.000.000	SpEd Receipts from the State	(\$2,020,000.00)	\$0.00	(\$2,400.00)	(\$2,017,600.00)	0.12%
01.1.03125.000.000	SpEd Transportation Receipts f	(\$130,000.00)	\$0.00	\$0.00	(\$130,000.00)	0.00%
01.1.03180.000.000	Pro-Rate Motor Vehicle	(\$55,000.00)	(\$4,758.74)	(\$11,670.79)	(\$43,329.21)	21.22%
01.1.03300.000.000	In Lieu of Taxes	\$0.00	\$0.00	(\$14,799.04)	\$14,799.04	#DIV/0!
01.1.03400.000.000	State Apportionment	(\$600,000.00)	(\$669,688.67)	(\$669,688.67)	\$69,688.67	111.61%
01.1.03500.000.000	State Categorical Programs	(\$26,489.00)	\$0.00	\$0.00	(\$26,489.00)	0.00%
01.1.03535.000.000	High Ability Learner Allocatio	(\$23,264.00)	\$0.00	(\$22,957.00)	(\$307.00)	98.68%
01.1.03540.000.000	State Early Childhood Grant	(\$138,336.00)	\$0.00	(\$247,981.00)	\$109,645.00	179.26%
01.1.03541.000.000	Early Childhood Endowment Gran	(\$160,000.00)	\$0.00	\$0.00	(\$160,000.00)	0.00%
01.1.03990.000.000	Other State Receipts	(\$11,150.00)	\$0.00	\$0.00	(\$11,150.00)	0.00%
01.1.04418.000.000	PEAK Receipts	(\$29,460.00)	\$0.00	\$0.00	(\$29,460.00)	0.00%
01.1.04505.000.000	ESSA Title I Receipts	(\$650,289.00)	\$0.00	(\$568,710.00)	(\$81,579.00)	87.45%
01.1.04506.000.000	ESSA Title I Accountability Re	\$0.00	\$0.00	(\$15,704.00)	\$15,704.00	#DIV/0!
01.1.04509.000.000	ESSA Title II Receipts	(\$112,146.00)	\$0.00	\$0.00	(\$112,146.00)	0.00%
01.1.04510.000.000	ESSA Title IV SSAE Grant	(\$32,171.00)	\$0.00	(\$28,285.00)	(\$3,886.00)	87.92%
01.1.04512.000.000	IDEA Base Allocation	\$0.00	\$0.00	(\$292,811.00)	\$292,811.00	#DIV/0!
01.1.04516.000.000	IDEA Preschool Enrollment/Pove	(\$22,937.00)	\$0.00	(\$21,407.00)	(\$1,530.00)	93.33%
01.1.04519.000.000	IDEA Enrollment/Poverty Grant	(\$836,644.00)	\$0.00	(\$563,807.00)	(\$272,837.00)	67.39%
01.1.04521.000.000	IDEA Proportionate Share	(\$144,938.00)	\$0.00	(\$128,532.00)	(\$16,406.00)	88.68%
01.1.04525.000.000	Carl Perkins Grants	(\$47,305.00)	\$0.00	(\$61,168.00)	\$13,863.00	129.31%
01.1.04527.000.000	ESSA Title III LEP Grant	(\$62,406.00)	\$0.00	\$0.00	(\$62,406.00)	0.00%
01.1.04531.000.000	ESSA Title IV Part B 21st Cent	(\$149,163.00)	\$0.00	(\$26,839.00)	(\$122,324.00)	17.99%
01.1.04708.000.000	Medicaid in Public Schools	(\$700.00)	(\$4,935.07)	(\$41,621.32)	\$40,921.32	5945.90%
01.1.04710.000.000	Other Federal Receipts	(\$20,567.00)	\$0.00	\$0.00	(\$20,567.00)	0.00%
01.1.05690.000.000	Other Non-Revenue Receipts (Rt	(\$740,000.00)	\$0.00	\$0.00	(\$740,000.00)	0.00%
		(\$45,193,812.00)	(\$3,716,879.30)	(\$23,380,468.50)	(\$21,813,343.50)	51.73%
	Transfers		\$0.00			
	Reimbursements/ Refunds		(\$91,929.02)			
	Interest -other accounts		1850.36			
	Total Revenue		(\$3,806,957.96)			

Check Number	Vendor	Amount
5912	AMERICINN OF KEARNEY	\$146.82
5913	BUNCEE LLC	\$400.00
5914	CITY OF COLUMBUS-GARBAGE FEE	\$30.36
5915	COLUMBUS AREA CHAMBER COMMERCE	\$12,500.00
5916	COLUMBUS SCHOOL LUNCH FUND-CHS	\$894.13
5917	CRAIGS RESOURCES INC DBA CRAIG HOMECARE	\$481.80
5918	ESU #7	\$22.27
5919	HOMETOWN LEASING	\$6,878.00
5920	MAILFINANCE	\$1,683.36
5921	NASB (NE. ASSOCIATION OF SCHOOL BOARDS)	\$7,703.00
5922	NEBRASKA FBLA	\$1,278.00
5923	NSBA CONCERT BAND FESTIVAL	\$175.00
5924	NSPRA	\$70.00
5925	OLSON, MIKE	\$35.89
5926	PINNACLE BANK OMAHA	\$165.00
5927	PLATTE VALLEY LITERACY ASSOCIATION	\$75.00
5928	POSTMASTER	\$102.14
5929	SUSI'S WALLPAPERING	\$50.00
5930	VON RUDEN-KRUGER, JOAN	\$103.50
5931	SCHOOL DISTRICT #1-PAYROLL	\$3,187,064.52
5932	AMAZON CAPITAL SERVICES	\$524.42
5933	HY-VEE FOOD STORES	\$424.44
5934	SUPER SAVER	\$249.83
5935	WALMART-CHARGE	\$249.22
5936	BOS, JENNY	\$158.13
5937	CENTRAL NEBRASKA REHAB. SERV	\$24,886.47
5938	COLUMBUS PUBLIC SCHOOLS ACTIVITY	\$600.00
5939	COMMONWEALTH ELECTRIC COMPANY	\$2,330.53
5940	ESU #7	\$9,139.52
5941	FAIRFIELD INN	\$96.00
5942	FARMERS PRIDE	\$2,610.00
5943	FIRST NATIONAL BANK OMAHA	\$471.44
5944	FIRST NATIONAL BANK OMAHA	\$201.48
5945	FIRST NATIONAL BANK OMAHA	\$255.00
5946	FIRST NATIONAL BANK OMAHA	\$166.31
5947	FIRST NATIONAL BANK OMAHA	\$461.49
5948	MANDT SYSTEM, THE	\$3,310.00
5949	NASB (NE. ASSOCIATION OF SCHOOL BOARDS)	\$395.00
5950	NASPA (NE ASSOC. OF SCHOOL PERSONNEL ADM	\$575.00
5951	NCSA	\$125.00
5952	NEOFUNDS 7900044080631520	\$1,000.00
5953	PAYFLEX SYSTEMS USA, INC.	\$409.20
5954	PLUNKETTS PEST CONTROL	\$610.00
5955	SCHAEFER, KIM	\$27.56
5956	STEALTH BROADBAND	\$2,289.34

Check Number	Vendor	Amount
5957	T-BONE TRUCK STOP	\$1,021.61
5958	COLUMBUS NOON ROTARY	\$16.00
5959	BOZEMANSCIENCE.COM, INC.	\$1,000.00
5960	FIRST NATIONAL BANK OMAHA	\$24.86
5961	CAMPUZANO, LAMBERTO	\$496.56
5962	ACE HARDWARE-COLUMBUS	\$70.91
5963	ALIGNEX, INC.	\$2,400.00
5964	ANDRESEN-1099, CRUZ	\$105.07
5965	APPLE INC.	\$1,196.00
5966	ASSET GENIE, INC. (AG iREPAIR)	\$445.00
5967	AWARDS & ENGRAVING	\$45.00
5968	BAILLY-1099, VILMA	\$45.03
5969	BLASER, AMY	\$217.96
5970	BLAZER MANUFACTURING CO.INC.	\$317.50
5971	BOMGAARS	\$208.35
5972	BRADY-1099, LANA CHERISE	\$107.48
5973	BURNETT, ROBIN	\$209.25
5974	CARBALLO-1099, BEATRIZ	\$45.03
5975	CENTRAL PARTS AND MACHINE	\$361.13
5976	CNC REPAIR LLC	\$45.00
5977	COLUMBUS MUSIC	\$272.17
5978	COLUMBUS STEEL SUPPLY INC.	\$386.81
5979	COMMONWEALTH ELECTRIC COMPANY	\$280.86
5980	DEMCO, INC	\$281.12
5981	EAKES OFFICE SOLUTIONS	\$354.85
5982	ESCUDERO-1099, VEYRA	\$142.60
5983	ESPINO-1099, ROSARIO	\$41.28
5984	ESTRADA-1099, NEREIDA	\$30.02
5985	ESU #7	\$173.46
5986	FIREGUARD, INC.	\$209.00
5987	FLINN SCIENTIFIC INC.	\$156.89
5988	FLORES, BEATRICE	\$208.28
5989	FOLLETT SCHOOL SOLUTIONS, INC.	\$406.93
5990	FUN AND FUNCTION	\$188.83
5991	GLOBAL TELETHERAPY	\$10,182.26
5992	GUTIERREZ-1099, NORA E	\$97.57
5993	HYDE, MELISSA J., MT-BC	\$3,546.23
5994	JACKSON SERVICES INC.	\$158.81
5995	KASPAR, KIM	\$249.10
5996	KENGNE-1099, GILDAS	\$123.83
5997	KUTALU-1099, NATHAN	\$7.51
5998	LOPEZ-1099, EMERSON	\$90.06
5999	LUNCHTIME SOLUTIONS, INC	\$1,155.16
6000	MATHESON TRI-GAS INC	\$333.39
6001	MENARDS-COL	\$572.79

Check Number	Vendor	Amount
6002	MICEK, ERICA	\$147.49
6003	MID-PLAINS INDUSTRIES	\$471.85
6004	MIDWEST DOOR & HARDWARE	\$2,346.00
6005	MIDWEST TECHNOLOGY PRODUCTS	\$35.20
6006	MOBILITY MOTORING	\$325.24
6007	MUHSMAN, ERICA	\$91.92
6008	NEBRASKA EXT- PLATTE COUNTY	\$25.00
6009	OCCUPATIONAL HEALTH SERVICES	\$123.00
6010	OFF CAMPUS, INC.	\$67.96
6011	PACHECO-1099, DALIA	\$48.03
6012	PACZOSA, MEGAN	\$217.96
6013	PEREZ-1099, LESLEY	\$45.03
6014	RODRIGUEZ-1099, ELIZABETH	\$45.03
6015	RODRIGUEZ-1099, LILIAM	\$37.53
6016	ROEWERT, KENDALL	\$249.10
6017	SANCHEZ, MARTHA	\$235.98
6018	SANCHEZ-ARMENTA-1099, ISABEL	\$165.11
6019	SHRED MONSTER, INC.	\$45.00
6020	SPECIALTEE SCREEN PRINTING	\$4,565.00
6021	TIRE OUTLET INC	\$1,806.14
6022	TRANE	\$5,651.00
6023	TRUCK CENTER COMPANIES	\$742.55
6024	VALENTINOS OF COLUMBUS	\$55.55
6025	VIERGUTZ, NATISHIA	\$217.96
6026	VOICHAHOSKE, KARI	\$65.55
6027	WHOLF, SAMATHA	\$34.50
6028	WIZE BUYS ABBEY CARPET	\$63.00
6029	EMBASSY SUITES - LINCOLN	\$296.00
6030	ESU #7 SPECIAL EDUCATION	\$11,541.21
6031	FIFTH SEASON, INC.	\$145.98
6032	FIRST NATIONAL BANK OMAHA	\$619.16
6033	FIRST NATIONAL BANK OMAHA	\$1,233.62
6034	FIRST NATIONAL BANK OMAHA	\$9.99
6035	FIRST NATIONAL BANK OMAHA	\$265.00
6036	HAMPTON INN-KEARNEY	\$124.95
6037	KWAPNIOSKI, LEONARD R	\$94.88
6038	MATHESON TRI-GAS INC	\$48.01
6039	NASB (NE. ASSOCIATION OF SCHOOL BOARDS)	\$180.00
6040	NCSA	\$450.00
6041	NEBRASKA U.C. FUND	\$882.51
6042	NETA 20 Confer	\$1,143.00
6043	AATG-NEBRASKA	\$90.00
6044	AMAZON CAPITAL SERVICES	\$742.74
6045	SUPER SAVER	\$491.88
6046	WALMART-CHARGE	\$108.72

Check Number	Vendor	Amount
6047	CITY OF COLUMBUS WATER & SANITATION DEPA	\$4,419.61
6048	LOUP POWER DISTRICT	<u>\$55,267.16</u>
		<u>\$3,395,529.82</u>
	Voided checks previously reported	<u>(\$4,835.00)</u>
	Total Fund Expenditures	<u><u>\$3,390,694.82</u></u>

Check Number	Vendor	Amount
6049	NSBA - NEBRASKA STATE BAND MASTERS ASSN	\$137.00
6050	ACCENT FLORAL AND GALLERIA	\$50.00
6051	BATTLE, JEREMY	\$82.43
6052	CENTERPOINT ENERGY SERVICES RETAIL LLC	\$19,683.80
6053	CENTERPOINT ENERGY SERVICES RETAIL LLC	\$102.52
6054	CITY OF COLUMBUS WATER & SANITATION DEPA	\$45.89
6056	CULLIGAN	\$30.70
6057	DELP, EMILY	\$11.68
6058	HARRIS, JASON	\$14.45
6059	HOMETOWN LEASING	\$6,878.00
6060	LEARNING SCIENCES INTERNATIONAL	\$5,500.00
6061	LINCOLN JOURNAL STAR	\$194.29
6062	LOUP POWER DISTRICT	\$257.40
6063	NASB (NE. ASSOCIATION OF SCHOOL BOARDS)	\$280.00
6064	NEOFUNDS 7900044080631520	\$900.00
6065	NSBA (NATIONAL SCHOOL BOARDS ASSOCIATION	\$935.00
6066	PERRY, GUTHERY, HAASE, & GESSFORD, P.C.	\$714.00
6067	PESI	\$219.99
6068	POSTMASTER	\$100.75
6069	PRESTO-X-COMPANY	\$15.51
6070	PSAT/MNSQT	\$1,853.00
6071	QUALITY SOUND & COMMUNICATIONS INC	\$16.17
6072	SERVICEMASTER BY SHEVLIN	\$24,619.60
6073	SHOTKOSKI, WENDY	\$104.10
6074	U AND I SANITATION LLC	\$1,810.00
6075	UNIVERSITY OF OREGON COLLEGE OF EDUCATIO	\$2,029.00
6076	VERIZON WIRELESS	\$353.27
6077	CITY OF COLUMBUS-GARBAGE FEE	\$111.09
6078	AMAZON CAPITAL SERVICES	\$332.10
6079	HY-VEE FOOD STORES	\$79.54
6080	SUPER SAVER	\$437.88
6081	WALMART-CHARGE	\$108.81
6082	BROWNELL TALBOT	\$100.00
6083	CASSETTE PROGRAM	\$76.50
6084	COLUMBUS DOWNTOWN BUSINESS ASSOCIATION	\$100.00
6085	COLUMBUS SCHOOL LUNCH FUND-CHS	\$804.67
6086	ESU #7 DISTANCE LEARNING	\$687.96
6087	FARMERS PRIDE	\$3,399.56
6088	FATHER FLANAGAN'S BOYS' HOME	\$92,250.00
6089	GODFATHERS -COLUMBUS	\$87.50
6090	KSB SCHOOL LAW	\$847.00
6091	NCS PEARSON INC	\$277.72
6092	NETA	\$1,590.00
6093	NETA 20 Confer	\$169.00
6094	NORTHERN NEBRASKA AHEC	\$250.00

Check Number	Vendor	Amount
6095	PINNACLE BANK OMAHA	\$165.00
6096	SECKEL, SANDI	\$25.00
6097	SERVICEMASTER BY SHEVLIN	\$1,639.90
6098	SPECIALTEE SCREEN PRINTING	\$797.00
6099	VIVIAL	\$64.50
6100	ACE HARDWARE-COLUMBUS	\$55.18
6101	ALLEN, ETHAN	\$52.44
6102	ARBOR SCIENTIFIC	\$409.75
6103	ASHLOCK CONSULTING INC	\$349.95
6104	BATES, LINDSEY	\$222.88
6105	BEARD-WARREN HEATING AIR	\$2,426.22
6106	BLASER, AMY	\$206.49
6107	BLAZER MANUFACTURING CO.INC.	\$130.00
6108	BOMGAARS	\$41.43
6109	BOS, JENNY	\$265.49
6110	CAMPUZANO, LAMBERTO	\$83.58
6111	CAPITAL SANITARY SUPPLY	\$1,283.61
6112	CENTRAL COMM COLLEGE-COL	\$240.00
6113	CENTRAL PARTS AND MACHINE	\$78.05
6114	COLE, CRYSTAL	\$206.49
6115	COLUMBUS MUSIC	\$89.99
6116	COMMONWEALTH COMMUNICATIONS	\$2,476.55
6117	COMMONWEALTH ELECTRIC COMPANY	\$7,888.19
6118	CRAIGS RESOURCES INC DBA CRAIG HOMECARE	\$1,696.75
6119	DEMCO, INC	\$63.86
6120	DONOGHUE, COURTNEY	\$314.65
6121	DONOGHUE, TRACY	\$334.31
6122	DUO LIFT MFG, INC	\$37.40
6123	EAKES OFFICE SOLUTIONS	\$823.66
6124	ELECTRICAL ENGINEERING & EQUIP	\$631.15
6125	ENGEL, SHELBY	\$206.48
6126	ESPINO-1099, ROSARIO	\$41.28
6127	ESU #7	\$100.72
6128	FERGUSON ENTERPRISES INC #1657	\$3,026.62
6129	FILTER SHOP	\$7,586.64
6130	FLORES, BEATRICE	\$206.49
6131	GALLEY, SHANNON	\$206.48
6132	GLOBAL TELETHERAPY	\$10,912.00
6133	GRAFE, TARA	\$235.99
6134	HAYS, ALISHA	\$82.80
6135	HOESING, KRISTIN	\$147.49
6136	HOUGHTON MIFFLIN HARCOURT	\$146.97
6137	INNESS, SARAH	\$195.02
6138	J.W. PEPPER & SON, INC	\$750.52
6139	JACKSON SERVICES INC.	\$158.81

Check Number	Vendor	Amount
6140	JARECKI, KAY	\$206.49
6141	JARESKE, CHRISTINA	\$177.00
6142	JONES, PEGGY	\$117.99
6143	JOURNEYED.COM INC.	\$12,490.64
6144	JUAREZ-1099, ANDREA	\$52.54
6145	KELLY SUPPLY CO.	\$77.39
6146	KENGNE-1099, GILDAS	\$22.52
6147	KOHL, CHELSEY	\$206.49
6148	KUGLER, TAMARA	\$77.63
6149	KUHLMAN, CARRIE	\$20.70
6150	KUTALU-1099, NATHAN	\$60.04
6151	LA QUINTA KEARNEY	\$186.00
6152	LAPOINTE, KENDRA	\$172.07
6153	LOPEZ-1099, NANCY	\$45.03
6154	LOVELESS, STACY	\$485.09
6155	MATHESON TRI-GAS INC	\$184.47
6156	MEAD LUMBER COMPANY	\$27.89
6157	MELLIGER, BRENDA	\$144.90
6158	MENARDS-COL	\$421.90
6159	MERRILL, KIM	\$209.77
6160	MIDWEST DOOR & HARDWARE	\$1,236.00
6161	MIDWEST GLASS SERVICE INC.	\$4.50
6162	MIDWEST TECHNOLOGY PRODUCTS	\$251.02
6163	MUCHMORE, KELLY	\$235.99
6164	MUELLER, PAM	\$147.49
6165	NE STATE FIRE MARSHALL	\$510.00
6166	NEBRASKA LINK	\$339.67
6167	NEWILL, TOBIE	\$136.62
6168	NGOYO-1099, YVES	\$7.50
6169	O'KEEFE ELEVATOR CO.	\$597.04
6170	ONE SOURCE	\$165.00
6171	OVERHEAD DOOR CO. OF COLUMBUS	\$175.00
6172	PACZOSA, MEGAN	\$206.49
6173	PACZOSA, TODD	\$209.77
6174	RETZLAFF, JESSICA	\$222.88
6175	REYNOLDS, JARED	\$206.00
6176	ROEWERT, KENDALL	\$235.99
6177	SANCHEZ, MARTHA	\$222.88
6178	SCHOLASTIC INC.	\$498.95
6179	SHERWIN-WILLIAMS	\$158.39
6180	SPORTS FACILITY MAINTENANCE LLC	\$1,125.00
6181	STAROSCIK, KRISTINE	\$183.55
6182	STEMPEK, SHELLEY	\$265.49
6183	STEMPEK, STACI	\$222.88
6184	SUPER DUPER PUBLICATIONS	\$77.58

Check Number	Vendor	Amount
6185	THE HOME DEPOT PRO	\$1,132.05
6186	TRUCK CENTER COMPANIES	\$352.02
6187	TWOREK, DANIEL	\$235.99
6188	TWOREK, KRYSTAL	\$101.43
6189	UPS STORE	\$10.32
6190	VAN KLEY, KATEY	\$72.45
6191	VON SEGGERN, KRISTIE	\$29.33
6192	VOSS LIGHTING	\$88.68
6193	WEYERS, RICK	\$235.98
6194	WOODWORKER'S HARDWARE	\$290.02
6195	WRIGHT, ABBEY	\$206.49
6196	YATES, PAMELA	\$250.24
6197	ZIMMERMAN, ALYSSA	\$167.16
	Total Fund Expenditures	<u>\$241,952.05</u>

Travel Report

March 2020

DATE	# DAYS	NAME	EVENT NAME	EST COSTS
2/3/2020	2.00	JASON SCHAPMANN	COGNIA ADVANCED - BROKEN BOW	\$0.00
2/3/2020	2.25	AMY HAYNES	MARS MAGNET EXTERNAL TEAM REVIEW - OMAHA	\$0.00
2/6/2020	2.00	JASON HARRIS	NASAS LEGISLATIVE CONFERENCE - LINCOLN	\$443.00
2/7/2020	0.75	DAVE MELICK	NASPA BOARD MEETING - LINCOLN	\$0.00
2/10/2020	1.75	SARA COLFORD	ASP - BEYOND SCHOOL BELL CONFERENCE - LINCOLN	\$0.00
2/11/2020	0.75	KIM SHEVLIN	PROJECT HARMONY CHILD ABUSE CONFERENCE - OMAHA	\$0.00
2/14/2020	0.75	LEONARD KWAPNIOSKI	NATA MEETING - OMAHA	\$0.00
2/19/2020	0.50	LEONARD KWAPNIOSKI	NITC MEETING - LINCOLN	\$0.00
2/19/2020	1.00	AMANDA MANCINI MARSHALL	NWEA MAP TRAINING - LINCOLN	\$0.00
2/20/2020	1.00	LEONARD KWAPNIOSKI	SECURITY CONFERENCE - KEARNEY	\$0.00
2/20/2020	2.00	AMANDA MANCINI MARSHALL	NSLA STATE CONFERENCE - LINCOLN	\$0.00
2/20/2020	2.00	AJ ROSE	NEBRASKA GIFTED CONFERENCE - OMAHA	\$310.00
2/20/2020	2.00	KIM WILSON	NEBRASKA GIFTED CONFERENCE - OMAHA	\$755.00
2/20/2020	1.00	JILL SPALE	CREATING INCLUSIVE COMMUNITIES WORKSHOP - NORFOLK	\$0.00
2/20/2020	2.50	JENNIFER MUELLER	CPM CONFERENCE - SAN FRANCISCO	\$392.50
2/20/2020	2.50	KORTNEY RIEDMILLER	CPM CONFERENCE - SAN FRANCISCO	\$387.50
2/20/2020	2.50	JULIE KREIKEMEIER	CPM CONFERENCE - SAN FRANCISCO	\$1,371.00
2/20/2020	2.50	WENDY SHOTKOSKI	CPM CONFERENCE - SAN FRANCISCO	\$1,723.00
2/20/2020	2.50	KELLI SOLTYS	CPM CONFERENCE - SAN FRANCISCO	\$1,553.50
2/21/2020	1.00	ROBYN WILCOX	NSCA DAY AT THE CAPITOL - LINCOLN	\$0.00
2/21/2020	1.00	BETHANY SEEHUSEN	NSCA DAY AT THE CAPITOL - LINCOLN	\$0.00
2/26/2020	1.00	JORDON ANDERSON	MIDDLE LEVEL ADMINISTRATOR MEETING - GRAND ISLAND	\$0.00
2/26/2020	1.00	EMILY DELP	TEACHERS OF THE DEAF MEETING - NORFOLK	\$0.00
2/28/2020	1.00	ROBYN MYERS	UNK INTERNSHIP CLASS - KEARNEY	\$0.00
2/28/2020	1.00	JASON HARRIS	NASAS REGION 3 MEETING - NORFOLK	\$15.00
3/3/2020	1.00	SARA COLFORD	TEACHER JOB FAIR - SIOUX FALLS	\$0.00
3/5/2020	1.00	STACY SMITH	GIRLS STATE BASKETBALL - LINCOLN	\$155.00
3/5/2020	2.00	DAVID LICARI	GIRLS STATE BASKETBALL - LINCOLN	\$300.00
3/6/2020	1.00	JASON HARRIS	MCTE MEETING ON TEACER CERTIFICATION - LINCOLN	\$0.00
3/6/2020	1.00	MATT BILLS	GIRLS STATE BASKETBALL - LINCOLN	\$150.00
3/6/2020	1.00	NATHAN COAN	GIRLS STATE BASKETBALL - LINCOLN	\$151.25
3/6/2020	1.00	ALEX LISTON	GIRLS STATE BASKETBALL - LINCOLN	\$160.00
3/6/2020	1.00	ANNE ROBERTSON	USGA RULES OF GOLF WORKSHOP - FAR HILLS, NJ	\$155.00
3/6/2020	2.00	JEFF PEABODY	NSBA CONVENTION - LINCOLN	\$155.00
				\$8,176.75 Total



2508 27th Street, P.O. Box 947, Columbus, NE 68602-0947 Phone: 402-563-7000, Ext. 13033 Fax: 402-563-7005

March 4, 2020

Candy Becher
Board of Education
Columbus Public Schools

Dear President Becher and Members of the Board:

The Foundation contributed the following items to Columbus Public Schools during the month of February. On behalf of the Board of Directors for the CPS Foundation and the officers of the thirteen umbrella organizations, we respectfully submit these items to the Board of Education for acceptance.

Foundation

\$58.18 - Student Supplies	\$1,925.00 - Columbus ICE
\$343.04 - Stem on the Go	\$37,593.20 - Community & Family Partnership
\$145.65 - Columbus After School Program	\$139.30 - Communities for Kids
\$200.00 - CMS Student Emergency Fund	\$20.00 - CHS Football Program
\$197.79 - EHA Wellness Program	\$50.00 - Lighting of the Anchor

Emerson PTO

\$244.37 - Family Fun Night

Lost Creek PTO

\$210.00 - Student Council Shirts

North Park PTO

\$554.22 - Teacher Supply Reimbursements
\$370.08 - AR Incentive Activity & Fuel
\$9.08 - Movie Night Flyers

West Park PTO

\$73.55 - Movie Night Supplies
\$162.56 - PT Conference Meals
\$89.10 - Valentine Party Supplies
\$15.60 - AR Incentive Supplies

Vocal Music Boosters

\$488.00 - Ipad & Protection Plan
\$0.97 - Paper

Band Boosters

\$3.44 - Soup Supper Printing

Sports Boosters

\$47.79 Program Printing

The total contributions for the month of February was **\$42,940.92**

The total contributions for the FY 2019-2020 (Sept-Aug) total is **\$233,194.04**

Thank you for your consideration.

Sincerely,

Nicole Anderson
Director of Marketing & Foundation

SUPPORT STAFF COMPENSATION

The Board shall determine the compensation to be paid for support staff positions. It shall be the responsibility of the superintendent to make a recommendation to the Board annually regarding the compensation of support staff.

In situations designated by the Superintendent, the Board authorizes compensation of one-half of identified support staff members' daily wages when it is not possible for the employee to report for work due to failure of the District to provide work due to a school closure during an epidemic sickness or for reason of a natural disaster, sustained inclement weather, or lack of an operational work site. The Superintendent shall notify the Board President in a timely manner when such a situation has been designated and for which employees such compensation will be provided.

Cross Reference: 413.02 Support Staff Wage and Overtime Compensation

Policy adopted: 3/13/06
Policy revised: 3/11/2020
Policy adopted: 3/16/2020

COLUMBUS PUBLIC SCHOOLS
Columbus, Nebraska



Columbus Public Schools

“Engaging All Learners to Achieve Success”

March, 2020

To: Board of Education, Columbus Public Schools
From: Dave Melick, Director of Finance and HR
Subject: Regular education tuition rates for 2020-21

The purpose of this memo is to provide information regarding per pupil costs and to recommend elementary and secondary tuition rates for the 2020-21 school year.

Annually, the Board of Education is charged with establishing regular and special education tuition rates for those families residing outside the District who wish to enroll their elementary or high school students in the Columbus Public Schools. State statute provides that a school district may charge less than its per pupil cost for the current year. The chart below provides a history of per pupil costs and tuition rates for the past 10 years.

Elementary and Middle School:

<u>Year</u>	<u>Cost Per Pupil (ADM)</u>	<u>Tuition Rate</u>
2009-10	\$7,950	\$8,100
2010-11	\$8,600	\$8,600
2011-12	\$8,619	\$8,600
2012-13	\$8,722	\$8,600
2013-14	\$8,937	\$9,500
2014-15	\$9,305	\$9,500
2015-16	\$9,818	\$9,750
2016-17	\$10,020	\$9,900
2017-18	\$11,051	\$10,150
2018-19	\$11,250	\$11,000
2019-20	\$11,300 (est.)	\$11,500

High School:

<u>Year</u>	<u>Cost Per Pupil (ADM)</u>	<u>Tuition Rate</u>
2009-10	\$9,576	\$9,500
2010-11	\$10,300	\$10,300
2011-12	\$10,305	\$10,300
2012-13	\$10,661	\$10,300
2013-14	\$10,923	\$11,250
2014-15	\$11,165	\$11,500
2015-16	\$11,999	\$11,750
2016-17	\$12,970	\$12,000
2017-18	\$13,507	\$12,550
2018-19	\$13,750	\$13,500
2019-20	\$14,000 (est.)	\$13,750

Recommendation:

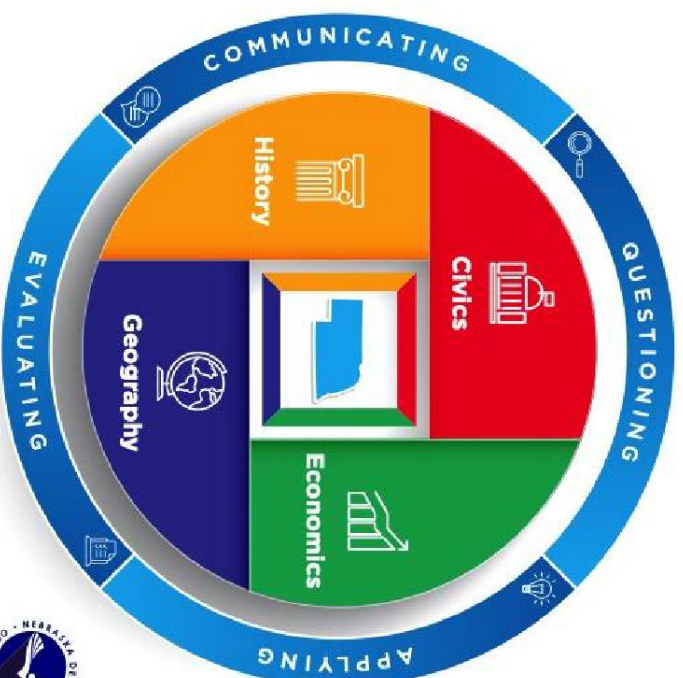
It is my recommendation that the Board of Education set elementary and middle school tuition at \$11,500 and high school tuition at \$14,000 for the 2020-21 school year.

www.columbuspublicschools.org





NEBRASKA SOCIAL STUDIES STANDARDS





State Social Studies Laws and State Board Policy Statements

- LB 399/179-724
*American Civics Committee
Rights, Responsibilities, & Duties of Citizenship
Civics Project Requirement*
- Multicultural Law
Contribution of all Ethnic Groups
- Character Education Law
Civics
- Global Competency Policy Statement
Participation in the Interconnected World

(Where are the key concepts of the laws found in the standards?)



Nebraska Revised Statute

79-724

- Each local school board shall establish an **American Civics committee** which shall:
 - Hold no fewer than **two public meetings**, one when public testimony is accepted;
 - Examine and ensure the district’s **social studies curriculum is aligned** with the Nebraska Social Studies **Standards**;
 - Review and approve the social studies curriculum to ensure the curriculum meets the **requirements of the law**;
 - Ensure that the district develops and utilizes **formative, interim, and summative assessments** to measure social studies proficiency



Nebraska Revised Statute

79-724

Also included requirements to focus on:

- **contributions of all ethnic groups** to the development and growth of America
- sacrifices and ideals of **patriotic men and women**
- fallacies and **dangers of anti-democratic governments**
- **rights and responsibilities of citizenship** and founding documents including the U.S. and Nebraska Constitutions,
- **duties of citizenship** and practice of civil discourse
- **noteworthy events, persons and topics** within civics and American History
- **civics, history, economics, financial literacy, and geography** to address societal issues;



Purpose of Nebraska Revised Statute & Standards

“The purpose of the civics requirement is to help students understand how to be civic-minded with a focus on greater depth of thinking and application.”

-Harris Payne, NDE Social Studies Specialist



Nebraska Revised Statute

79-724

- The American Civics Committee shall ensure the social studies curriculum incorporates **one** or more of the following for each student:

Option 1 - Test

- Administration of the entire civics portion of the Naturalization Test (100 questions) prior to completion of 8th grade and completion of 12th grade or,

Option 2 - Service Project

- Attendance or participation in a public meeting followed by completion of project or paper (between 8th and 12th grade) or,

Option 3 - Project

- Completion of a project or paper and a class presentation on a person or event commemorated by a holiday listed in 79-724 subsection 6 (between 8th and 12th grade).

CHS Civics Requirement

Social Studies Civics Requirement Option 2 - Promoting Active Citizenship

Attend ONE of the following meetings by _____, 20_____.

Columbus City Council

Date: Meetings held on 1st and 3rd Mondays of each month

Time: 7 PM

Location: City Council Chambers

(west side of Police Department building)

Address: 1368 25th Avenue

Columbus, NE 68601

Columbus Public Schools - Board of Education

Date: Meetings held on 2nd Monday of each month

Time: 7 PM

Location: ESU 7/CPS Student Services Building

(white building south of the large brick building)

Address: 2657 44th Avenue

Columbus, NE 68601

You can find more opportunities to attend public meetings by visiting the [City of Columbus](#) website. Anything listed would satisfy the requirement.

CHS Civics Requirement

Social Studies Civics Requirement

Promoting Active Citizenship

Requirements:

- Attend ONE scheduled meeting from those listed above.
- Receive an agenda/schedule/program of business for the meeting.
- Collect one (1) signature from a council member or school board member to verify your attendance.
- Take notes on any three (3) major topics discussed at the meeting.
- Write an eight-sentence paragraph summarizing the democratic process you witnessed. A few ideas to consider, but not limited to:
 - How was the business conducted?
 - Language and terminology used?
 - Appropriate procedures and rules?
 - Did anyone disagree and become upset? If so, explain.
 - What did you learn about your government, your town, your school, or yourself, after attending the meeting?



Nebraska Revised Statute

79-760.01

- For reading, writing, mathematics, science, and **social studies**, the statute requires districts to:
 - Adopt state-approved content standards



Focus of New Standards

2019 College, Career, Civic Ready Standards

Standards are more focused and provide **greater depth** versus breadth.

Specific **instructional** attention was given to skills that help students prepare for college, career and civic life:

- embedded inquiry
- historical thinking skills
- academic vocabulary
- civic participation

The K-8 standards are **grade-level specific** offering more focus and guidance for middle school instruction.

Intentional integration of revised 79-724 (American Civics Committee) requirements which connects the provisions with social studies instruction.

“The standards present a shift in instruction with a need to incorporate historical questions for students to investigate rather than the traditional stand and deliver notes approach.”

-Harris Payne, NDE Social Studies Specialist

To review the NE Social Studies Standards:

To review the Social Studies Standards:

Yellow	Grade Levels
Red	Civics
Green	Economics
Blue	Geography
Gold	History

AGREEMENT

CONTRACTED LEVEL I, II, AND III SPECIAL EDUCATION SERVICES

THIS AGREEMENT, made and entered into this 26th day of February 2020 by and between Educational Service Unit 7 of the State of Nebraska, hereinafter called "Servicing Agency" and Columbus Public hereinafter called "District".

WITNESSETH:

1. That the Serving Agency does hereby agree that it will furnish to the District the following described Special Education services which meet the requirements of the State Department of Education. All rates are subject to the approval of the State Department of Education, and will be provided to the district prior to the district's budget preparation.
2. That the Serving Agency does hereby agree it will furnish to the District the following described special education services as follows:
3. Services shall be provided only to children who qualify for such services as specified in State Department of Education, Special Education Rules and Regulations (Rule 51).
4. The Servicing Agency shall supply recorded information on each child for whom services are contracted. The Servicing Agency agrees that it will confer with the School District personnel for purposes of evaluating each child's progress.
5. The placing of a child in said program shall be made by joint decision of the Servicing Agency, the District, parents and/or guardians, and other members of the IEP team.
6. The Servicing Agency agrees to perform the services and the District agrees to pay in accordance with the Servicing Agency rate schedule as approved by the Nebraska State Board of Education. This schedule shall be in full force and effect during the school year of 2020-2021 commencing no earlier than August 1, 2020 and ending no later than July 31, 2021.
7. The Servicing Agency retains the right to designate personnel to provide services. All personnel provided by the Servicing Agency shall be endorsed to provide their respective services.
8. Policies regarding sick leave, personal leave, and professional leave shall be determined by the negotiated agreement with the Servicing Agency for personnel providing services to the District.
9. In the event that school district's programming requirements and needs change at any time subsequent to and during the term of this agreement, the costs to the school established by this agreement, shall in mutual agreement between ESU 7 and the school district be adjusted and prorated and the parties may agree. Nothing in this paragraph, however, shall be construed to entitle the school district to abrogate this contract or declare it void. The district shall be obligated to pay all sums specified by this contract as due and owing the ESU 7 regardless of changes in circumstances within the district during the course of this contract. The ESU 7 shall, however, be obligated to meet with the school district and discuss in good faith alternatives to mitigating expense, reallocating staff, and other resources within the bounds of the law and as the ESU 7 may

in its sole discretion determine to be in the best interest of ESU 7 and the school district. Any and all changes or expenses incurred by ESU 7 in the course of performing its obligations pursuant to this agreement, or in preparing to do so, shall become due and payable by school district to ESU 7 upon billing in a manner consistent with the billing provision of this agreement.

10. If, for any reason the District does not pay as agreed, the Servicing Agency may cancel this contract and forthwith, without notice, refuse further services to said district, but the District shall not be relieved from paying for services rendered by the Servicing Agency to the said District to date of termination of service.

11. The School District agrees that its payments will be made upon receipt of billing from the Servicing Agency.

12. It is understood and agreed, that in the event of any reason this contract does not comply with the State's requirement, it will be changed in accordance therewith, upon written notice by the Servicing Agency to the District and advising the District of the required changes to meet State requirements.

13. It is agreed this contract between the Servicing Agency and district must be signed by the District Board or Representative and returned to the Servicing Agency by March 27, 2020. The Servicing Agency's Board will then sign and return a copy of the contract to the District.

This agreement shall be binding upon the parties hereto and their successors. The persons executing this Agreement on behalf of the respective parties specifically acknowledge and represent that they have value authority to bind the party to whose benefit this Agreement had been executed.

Signatures:

District Board Representative

Date

Servicing Agency Representative

Date



CPS

This document outlines the services your district has projected with ESU 7 for the 20-21 school year. Districts please return to Megan Kassing at ESU 7 on or before March 27, 2020. If you have questions please contact Darus Mettler.

Building	School Psychology 1002	Speech Lang. Pathologist 4001	TW-OM-OMA 4030	CENTER Para 8001	Vision Para 8001	Early Intervention 4003	Transition 2012	Deaf Education 4024	Resource Coach 2002	Behavior Analyst 4013	Center Student(s) 4012	Learning Academy	Total Hours	Building
0-2 Home	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0-2 Home
Centennial Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	0.00	0.00	0.00	12.00	Centennial Park
Emerson Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1140.00	0.00	0.00	0.00	1140.00	Emerson Park
Lost Creek Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	0.00	0.00	0.00	12.00	Lost Creek Park
West Park Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1140.00	0.00	0.00	0.00	1140.00	West Park Park
Centennial Elem	0.00	0.00	14.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.80	Centennial Elem
Emerson Elem	0.00	0.00	1924.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1924.00	Emerson Elem
Lost Creek Elem	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	0.00	0.00	0.00	12.00	Lost Creek Elem
North Park Elem	0.00	0.00	14.80	0.00	0.00	0.00	0.00	0.00	12.00	0.00	0.00	0.00	26.80	North Park Elem
West Park Elem	0.00	0.00	1924.00	0.00	0.00	0.00	0.00	0.00	1140.00	0.00	0.00	0.00	3064.00	West Park Elem
	0.00	0.00	59.29	0.00	0.00	0.00	0.00	0.00	13.00	0.00	0.00	0.00	72.29	North Park Elem
	0.00	0.00	7696.00	0.00	0.00	0.00	0.00	0.00	1235.00	0.00	0.00	0.00	8931.00	West Park Elem
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	West Park Elem
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	West Park Elem
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	West Park Elem
	0.00	0.00	118.40	0.00	0.00	0.00	0.00	0.00	13.00	0.00	0.00	0.00	131.40	5-8 MS Sec
	0.00	0.00	15392.00	0.00	0.00	0.00	0.00	0.00	1235.00	0.00	0.00	0.00	16227.00	5-8 MS Sec
	0	0	89.9	0	0	0	0	0	0	0	0	0	89.9	9-12 HS Sec
	0	0	11544	0	0	0	0	0	0	0	0	0	11544.00	9-12 HS Sec
Preschool Non-Pub	0	0	0	0	0	0	0	0	0	0	0	0	99.20	Preschool Non-Pub
Elm Non-Pub	0	0	577.2	0.00	414.40	0.00	5624.00	0	0	0	0	0	5624.00	Elm Non-Pub
Sec Non-Pub	0	0	75036	0.00	11,188.80	0.00	0.00	0	0	0	0	0	86224.80	Sec Non-Pub
	0	0	0	0	0	0	0	0	0	0	0	0	0.00	Sec Non-Pub
	0.00	0.00	873.20	0.00	414.40	0.00	5624.00	0.00	74.00	0.00	0.00	0.00	137358.80	Totals
FTE	0.00	0.00	0.89	0.00	0.28	0.00	0.04	0.00	0.05	0.00	0.00	0.00	1.37	Totals
Rate	91.00	89.00	130.00	27.00	111.00	111.00	95.00	95.00	95.00	95.00	23.10	29.00	137358.80	Totals
Per Service Total	0.00	0.00	113516.00	0.00	11488.80	0.00	5624.00	0.00	7030.00	0.00	0.00	0.00	137358.80	Totals

Total Due to ESU 7 SPED \$137,358.80