



BRYAN HIGH SCHOOL

RESILIENT. INCLUSIVE. COMPASSIONATE. PROUD



COURSE CATALOG

2022 - 2023

GRADES 9 - 12

4700 GILES RD.
OMAHA, NE 68157
BRYAN.OPS.ORG
531-299-2540

BRYAN FAST FACTS

Mascot
Bears

Enrollment
1,744

Founded
1964

**Number of
Staff**
215

**Average
Class Size**
24

**# of Clubs &
Organizations**
32

**# of Dual
Enrollment
Classes**
17

**# of Sports
Teams**
19

**# of AP
Classes**
16

**Amazing
You**
1



BRYAN HIGH SCHOOL

4700 Giles Rd.

Omaha, NE 68157

531.299.2540

www.ops.org/bryan

**Follow the Bears on Twitter @ OPS_BryanHigh
or on Facebook @ OmahaBryanHighSchool**

MISSION STATEMENT: Bryan High School, in partnership with students, families and the community, provides a student-centered learning environment that cultivates character, embraces diversity, fosters academic excellence and prepares students for post secondary opportunities and career readiness. Bryan High School has built its curriculum around sixteen career clusters. Each cluster is intended to provide students with the knowledge, skills and attitudes necessary to complete high school to begin work on a post-secondary degree or to enter the world of work.

HISTORY: The building for William Jennings Bryan Senior High School was completed in 1971. It was named after the illustrious Nebraska politician. Bryan's history, however, extends back to 1965 when the first students entered what is now the Bryan Middle School building. That building had been designed as a junior-senior high complex. It was from there that the first Bryan senior class graduated in 1968.

TABLE OF CONTENTS

Welcome	3
Registration	4
College Level Classes	9
OPS Grading Policy	10
Organizations & Athletics.....	13
Career Center	14
Dual Enrollment	16
Academies	18
Art	46
Business	48
Drama	51
English	52
E.S.L.	55
Family & Consumer Science	57
Journalism	58
Mathematics	60
Military Science (JROTC)	63
Music	67
Physical Education	69
Science	71
Social Studies	74
Special Education	77
World Languages & Cultures.....	78
NCAA Information	81
Academic Recognition	85

NONDISCRIMINATION POLICY

Omaha Public Schools does not discriminate on the basis of race, color, national origin, religion, sex (including pregnancy), marital status, sexual orientation, disability, age, genetic information, gender identity, gender expression, citizenship status, veteran status, political affiliation or economic status in its programs, activities and employment and provides equal access to the Boy Scouts and other designated youth groups. The following individual has been designated to accept allegations regarding non-discrimination policies: Superintendent of Schools, 3215 Cuming Street, Omaha, NE 68131 (402-557-2001). The following persons have been designated to handle inquiries regarding the non-discrimination policies: Director for the Office of Equity and Diversity, 3215 Cuming St, Omaha, NE 68131 (531-299-0307).

Las Escuelas Públicas de Omaha no discrimina por motivos de raza, color, origen nacionalidad, religión, sexo (incluyendo el embarazo), estado civil, orientación sexual, discapacidad, edad, información genética, identidad de género, expresión de género, estatus de ciudadanía, condición de veterano, afiliación política o condición económica en sus programas, actividades y empleo y se proporciona un acceso equitativo a los niños exploradores (boy Scouts) y otros grupos juveniles. La siguiente persona ha sido designada para aceptar las alegaciones en relación con las políticas de no discriminación: el Superintendente de Escuelas, 3215 Cuming Street, Omaha, NE 68131 (402-557-2001). Las siguientes personas han sido designadas para manejar las preguntas con respecto a las políticas de no discriminación: Director de la Oficina de Equidad y Diversidad, 3215 Cuming St, Omaha, NE 68131 (531-299-0307).



PRINCIPAL'S WELCOME

The 2022-2023 Bryan High School Course Guide offers a comprehensive look at the curricular offerings at Bryan High School. Our students can participate in advanced coursework in all the core subject areas in the form of weighted honors courses, Advanced Placement (AP) courses, and dual enrollment courses through several community colleges and universities, providing our students the opportunity to earn college credit concurrently with the completion of their high school requirements.



At Bryan High School, we are committed to provide all students with a rigorous and relevant educational experience in a college and career academy model that offers each student more personalized attention, recognition and care from teachers, staff, and peers and prepares all students for college, career, and life. After high school, Bryan High School graduates continue their education at four-year colleges and universities, community colleges, technical institutions, the military, or in apprenticeship programs as they translate their success here into their own individual academic, career, and life goals.

For this course guide to meet your needs, you must use it wisely. Please consider your interests, aptitudes, and educational goals before you select your course of study. The decisions you make today will have an impact upon your educational and career plans. I encourage you to contact your helpful school counselor if you have any questions regarding your high school plan of study. The selection of an academy, individual courses, and the development of your high school academic plan is a very important part of your high school education.

I am honored to serve as your principal and to be part of your high school experience. I look forward to the many successes that you will achieve at Bryan High School. Go Bears!

Committed to you,

Dr. Rony Ortega, Principal

CONTACT INFORMATION

ADMINISTRATIVE TEAM

Dr. Rony Ortega - 531.299.7533
Principal

Melissa Gates - 531.299.6703
Assistant Principal - Data Processor
V-Z (10-12)

James Cunningham - 531.299.6614
Assistant Principal - Activities Director
M-O, Q, (10-12)

Ryan Murtaugh - 531.299.9134
Assistant Principal - Athletic Director
K-L (10-12)

Sasha Cervantes - 531.299.8857
Dean of Students
9th Bears, E-J (10-12)

Tyler Montoya - 531.299.5105
Dean of Students
9th Gold, A-D (10-12)

Kathleen Mauseth - 531.299.3926
Dean of Students
9th Green, P-U (10-12)

CURRICULUM SPECIALISTS

Mary Miller - 531.299.6705
Applied Arts, TDL & AG Academies

Kathryn McWilliams - 531.299.6694
Assessment & Instruction, Social Studies

Natalie Peterson - 531.299.6707
English, ESL, World Languages & Cultures

Elisa Booth - 531.299.6647
Mathematics, Music & Science

Jason Brannen - 531.299.6706
Special Education, Art, PE & JROTC

BILINGUAL LIAISONS

Maria Lopez- 531.299.6715
(A-F)

Christian Mendo Pancca - 531.299.517
(G-M)

Maria Calderon Velasco - 531.299.6714
(N-Z)

COUNSELING TEAM

Jeanne Simmons- 531.299.6665
Director of Counseling
(A, N, X-Z)

Teunnia Archie - 531.299.6664
(9th Gold, C-E)

Sheila Lahmann- 531.299.6666
(9th Green, P-R)

Kathy McNally - 531.299.6668
(9th Bears, F, M)

Mark Nissen - 531.299.6670
(G-I, K-L, S)

Tashia Cruz - 531.299.7208
(B, U-V & Ag Academy)

Gabrielle Rickley - 531.299.6667
(J, O, T, W & TDL Academy)



REGISTRATION SCHEDULE

It is time for Bryan High School students to continue to develop their educational plans. Students will begin course selection next school year over the next few weeks. Students' abilities, interests, and goals are essential factors to consider when making course selections. It is important that students consider course choices with families and teachers to prepare for course selection with their counselors.

STUDENTS SHOULD COMPLETE THE FOLLOWING STEPS:

1. Use the online Bryan High School Course Catalog. The course catalog includes a course planner to outline required and elective courses, as well as, course descriptions with grade levels and prerequisites.
2. The course selections a student made during a previous meeting with the assigned counselor are entered in Infinite Campus. Update course selections by logging into the student portal and clicking on Academic Planner. If the student does not have access to complete on Infinite Campus, the course planner in the course guide should be completed and brought to the individual course selection meeting. Courses entered will be locked when students meet with counselors as long as graduation requirements, grade level requirements, and prerequisites are met.
3. Students will meet with counselors during the dates specified below. All required courses and selected electives will be locked. The student's plan will be printed out, signed by the student, and kept as a record. Students will receive a copy. The plan is accessible on Infinite Campus and can be viewed at any time. Once locked, the counselor must be contacted to make adjustments.

INSTRUCTIONS FOR LOGGING INTO INFINITE CAMPUS PORTAL:

1. Go to <https://bryan.ops.org>
2. Hover over Parents & Students
3. Username is s, followed by first 5 letters of last name, first letter of first name, and last 3 digits of student ID #. If the last name is fewer than 5 letters, the remaining letters will be x (ex. #123456 John Smith – ssmithj456, #654321 Jane Doe – sdoexj321)
4. Password is 6 digit student ID #.

INDIVIDUAL COURSE SELECTION MEETING:

Jan. 24 - Feb. 2– Current juniors will meet individually with assigned counselor to select courses for senior year.

Feb. 1 - Feb. 9– Current sophomores will meet individually with assigned counselor to select courses for junior year.

Feb. 10 - Feb. 25– Current freshmen will meet individually with assigned counselor to select courses for sophomore year.

COUNSELOR CONTACT INFORMATION:

Mrs. Simmons	531.299.6665	Jeannem.Simmons@ops.org	A, N, X-Z
Mrs. Archie	531.299.6664	Teunnia.Archie@ops.org	9th Gold, C-E
Ms. Lahmann	531.299.6666	Sheila.Lahmann@ops.org	9th Green, P-R
Ms. McNally	531.299.6668	Kathleen.McNally@ops.org	9th Bears, F, M
Mr. Nissen	531.299.6670	Mark.Nissen@ops.org	G-I, K-L, S
Mrs. Cruz	531.299.7208	Tashia.Cruz@ops.org	B, U-V, Urban Agriculture Academy
Mrs. Rickley	531.299.6667	Gabrielle.Rickley@ops.org	J, O, T, W, TDL Academy

REGISTRATION PROCESS

Students register in the spring for the following year. A student will have two opportunities to select courses:

1. Students select and finalize courses during spring registration.
2. Following spring registration, students can adjust courses based on conflicts in their schedules.

Course changes after the spring are only allowed under the following circumstances:

1. If a course was completed during summer school.
2. If a course that was failed during the previous school year.
3. If there is a schedule conflict that cannot be adjusted without dropping or changing a course.
4. If a student needs to meet graduation requirements.



GRADUATION REQUIREMENTS

Omaha Public Schools Graduation & College Entrance Requirements



SUBJECT	OPS GRADUATION REQUIREMENTS	COLLEGE ENTRANCE REQUIREMENTS*
	CREDITS	YEARS
English	8 CREDITS Grade 9 – English 1 & 2 Grade 10 – English 3 & 4 Grade 11 – English 5 & 6 Grade 12 – English 7 & 8	4 years Fulfilled by OPS requirements
Social Studies	7 CREDITS Grade 9 – U.S. History 1 & 2 Grade 10 – Human Geography & Intro to Economics Grade 11 – World History 1 & 2 Grade 12 – American Government	3 years Fulfilled by OPS requirements
Mathematics	6 CREDITS Grade 9 – Math as Recommended Grade 10 – Math as Recommended Grade 11 – Math as Recommended	3 years Algebra 1-2, Geometry 1-2, Algebra 3-4, UNL – One additional year of math beyond Algebra 3-4
Science	** 6 CREDITS Grade 9 – Physical Science 1 & 2 Grade 10 – Biology 1 & 2 Grade 11 – Science Elective	3 years Fulfilled by OPS requirements UNL, UNO, UNK – 2 years must be selected from Biology, Chemistry, Physics, or Earth Science
Physical Education	4 CREDITS	
Human Growth & Development	1 CREDIT	N/A
Personal Finance	1 CREDIT Grade 12 – Personal Finance	
Electives	16 CREDITS <i>Consider education plans and interests</i>	
World Language	N/A	2–3 years of the same language
TOTAL	49 CREDITS REQUIRED <i>For all OPS High Schools</i>	

RECOMMENDED ON TRACK INDICATORS

Grade Level	9 - Freshman	10 - Sophomore	11 - Junior	12 - Senior
Credits Earned	13 credits	25 total credits	37 total credits	49 total credits in Required subjects

Note: 49 Credits are required to graduate.

*NEBRASKA COLLEGE ENTRANCE REQUIREMENTS:

Metro Community College and other Nebraska Community Colleges – Proof of graduation from an accredited high school.
Nebraska State College System – Chadron, Peru, Wayne – Proof of graduation from an accredited high school.
University of Nebraska System – UNO, UNL, UNK (in line with NCAA requirements) – See your OPS District Student Handbook

Students and parents/guardians should research the requirements of each institution to ensure that students have selected appropriate courses.

For students attending King Science Technology Magnet who take Biology and Physical Science their sequence could look different at their respective high schools.

*** For students who have successfully completed Physical Science in 8th grade, their sequence will begin with Biology.*

Omaha Public Schools does not discriminate on the basis of race, color, national origin, religion, sex (including pregnancy), marital status, sexual orientation, disability, age, genetic information, gender identity, gender expression, citizenship status, veteran status, political affiliation or economic status in its programs, activities and employment and provides equal access to the Boy Scouts and other designated youth groups. The following individual has been designated to accept allegations regarding non-discrimination policies: Superintendent of Schools, 3215 Cuming Street, Omaha, NE 68131 (531-299-9822). The following persons have been designated to handle inquiries regarding the non-discrimination policies: Director for the Office of Equity and Diversity, 3215 Cuming Street, Omaha, NE 68131 (531-299-0307).



COURSE PLANNER

9TH GRADE

Semester 1	Semester 2
Eng 1 or H Eng 1	Eng 2 or H Eng 2
US Hist 1 or H US Hist 1	US Hist 2 or H US Hist 2
Math: Algebra 1, H. Geometry	Math: Algebra 2, H. Geometry
Science: PsySci., H. PsySci, H. Bio 1	Science: PsySci., H. PsySci, H. Bio 2
PE elective/ JROTC/ Concert Band	PE elective/ JROTC/ Concert Band
Freshman Seminar	Freshman Seminar
Elective:	
Elective:	
Alternate:	
Alternate:	

10TH GRADE

Semester 1	Semester 2
Eng 3 or H Eng 3	Eng 3 or H Eng 3
Economics 1 or H. Economics and AP Hum. Geo. 1 or Human. Geo. 1	Economics 1 or H. Economics and AP Hum. Geo. 2 or Human. Geo. 2
Geometry 1, H. Algebra 3	Geometry 2, H. Algebra 4
Biology 1, H. Biology 1, or Science Elective	Biology 2, H. Biology 2, or Science Elective
PE elective/JROTC/ Concert Band or Swing Choir	
Human Growth or Elective	
Academy Course	
Elective:	

11TH GRADE

Semester 1	Semester 2
Eng 5 or AP Eng Lang	Eng 6 or AP Eng Lang
Mod World Hist 1 or AP World History	Mod World Hist 2 or AP World History
Algebra 3, H. Pre-Calc Trig, College Alg. 1	Algebra 4, H. Pre-Calc Trig, College Alg. 2
Science Elective:	Science Elective:
Academy Course:	
Elective:	
Elective:	
Elective:	
Alternate:	
Alternate:	

12TH GRADE

Semester 1	Semester 2
Eng 7 or AP Eng Lit	Eng 8 or AP Eng Lit
American Gov't or AP American Gov't	Personal Finance:
Math: Prob./Stats, or AP Calc/Stats, College Alg.	Math: Prob./Stats, AP Calc/Stats, or College Alg.
Science Elective:	Science Elective:
Academy Course:	
Elective:	
Elective:	
Elective:	
Alternate:	
Alternate:	

*If recommended by middle school, 9th graders will be required to take reading as an elective.

**4 Semesters of P.E./ROTC are required for graduation. First semester of concert band satisfies 1 P.E. credit

***Many colleges require 2 years of the same world language.

****Many colleges require 4 years of math (Algebra 1-2 and higher).

Bryan and the Career Center offer several courses that will help students who have a specific career in mind. While planning out what courses to take, students should visit the school's website to view the career pathways that Bryan and OPS offers.



SELECTION PROCESS

Selecting courses for the school year is a process, which involves the student, parent, assigned counselor, IEP coordinator when appropriate, and teachers. Course selection should be based on future career goals and post secondary educational plans. Students are encouraged to familiarize themselves with available courses and graduation requirements. Each student will meet individually with their assigned counselor in the spring for a planning session which will include registration for courses for the following year.

Students not registering in the spring must contact the School Registrar at (531) 299-9703 for an appointment with a school counselor.

COURSE DROP GUIDELINES

Dropping a course after the first 15 days of the semester will result in a grade of "F," which is included in grade point average calculations. Requests to drop a course will be initiated by the student or parent/guardian by the school counselor.

Procedures for withdrawing from a course:

1. Conversation with the teacher
2. Counselor conferencing with teacher and student
3. Problem-solving with all affected parties

*The first step is to navigate through the schedule change. If it is determined that other faculty need to be included, please use the "Schedule Change/Request to Drop a Course" form. Please see School Counseling for a copy of the OPS Schedule Change/Request to Drop a Course form. Use the "Schedule Change/Request to Drop a Course" form as a last resort.

COURSE APPEALS PROCESS

All Secondary Omaha Public Schools offer procedures for appealing course placement (i.e., AP, Honors, IB, etc.). Each building may have specific forms and deadlines; however, the following general procedures shall apply:

Level One: Counselor, Curriculum Specialist, Assistant Principal/Data, or Principal A student or parent with a course placement appeal may first discuss the matter with the counselor or building administrator involved, with the object of resolving the issue informally.

Level Two: Chief Academic Office (Department of Curriculum and Instruction Support) Suppose the course placement appeal is not resolved at Level One, and the individual still wishes to pursue the appeal. In that case, he/she may formalize the request in writing addressed to the Chief Academic Officer of Curriculum Instruction and Support at 3215 Cuming Street, Omaha, NE 68131.

Level Three: Superintendent Suppose the appeal is not resolved at Level Two, and the individual still wishes to pursue the appeal. In that case, he/she may formalize the request to the superintendent of schools after receiving a written response from the Chief Academic Officer of Curriculum Instruction and Support.

These steps shall be taken promptly to accommodate the registration of courses for the school year in question.

CREDIT RECOVERY GUIDELINES

The purpose of Credit Recovery is to provide opportunities for students to earn credits to meet graduation requirements for courses they have failed. Credit Recovery involves the student retaking the failed course(s) and focusing on the course content standards to demonstrate proficiency on district assessments. The focus is on the proficiency related to course content standards, not seat time.

- Credit Recovery may be delivered in various methods and during a variety of times (e.g., Summer School, Edmentum time).
- Credit Recovery may be delivered in a traditional classroom or through a blended learning experience (in class with an endorsed teacher using online learning modules).
- Teachers who provide credit recovery through online virtual or blended learning must be certified educators endorsed for the course they are teaching.
- Although students may complete online courses before the end of the term, final grades will need to be posted during the standard grading windows.
- The student should follow the appropriate course sequencing.
- Students should not be enrolled in consecutive courses simultaneously (English 1 & English 2).
- Any exception to the three-course limit must be identified in an individual learning plan, in an alternative program, and approved by the Chief Academic Officer for Curriculum Instruction and Support.
- Students should be enrolled in no more than three online courses at a time.
- Timely teacher content and feedback is essential for student learning.
- Review the Edmentum Credit Accrual and Recovery Practices Handbook for specific guidelines for online practices.



HGD OPT-OUT FORM

Omaha Public Schools – Human Growth and Development Opt Out Form High School – Grade 10

In 2016 the Board of Education of the Omaha Public Schools District approved updated content standards for Human Growth and Development for grades 4th – 8th and 10th. The Board of Education provides parents and guardians the opportunity to “opt” their child out of individual lessons taught or the entire course. All students are enrolled in a quarter long class at middle school unless indicated below. If you have any questions about the lessons, please contact your child’s Human Growth teacher. **Please return this form to the school counselor if you are opting your child out of the course or opting your child out of a content standard or topic.**

Content Standards	Please sign your full name to opt your student out of any specific content.
I wish to “opt” my child out of the entire Human Growth & Development Course.	
1. Describe how relationships can be impacted by sense of self. (2 days)	
2. Give examples of the impact media has made on teens’ perceptions of relationships and sexuality. (2 days)	
3. Explain the importance of having hope and a growth mindset in your life. (4 days)	
4. Examine how values and goals impact decision-making. (5 days)	
5. Demonstrate healthy communication practices. (6 days)	
6. Analyze relationships for healthy and unhealthy characteristics. (7 days)	
7. Explain the impact of sexual abuse, sexual assault and domestic abuse on the individual and family. (11 days)	
8. Describe ways to show courtesy and respect for others. (2 days)	
9. Assess accurate information about gender identity, biological sex, gender expression and sexual orientation. (1 day)	
10. Explain the impact of alcohol or other drug use and abuse by minors. (8 days)	
11. Describe how environment and life situations influence choices for alcohol and other drug use or nonuse. (7 days)	
12. Explain the male and female reproductive systems. (3 days)	
13. Describe the importance of medical check-ups. (2 days)	
14. Explain the benefits of abstaining from sexual activity. (3 days)	
15. Compare family planning methods for effectiveness, ease of use, cost and possible side effects. (10 days) Family Planning, Adoption Plan, Emergency Contraception, Terminating the Pregnancy	
16. Describe life consequences often faced by young families. (2 days)	
17. Describe the importance of prenatal care for the developing fetus. (5 days)	
18. Explain how to prevent the spread of sexually transmitted diseases. (10 days)	
19. Explain the current status of Nebraska Law.	

Student’s name: _____

Student Number _____

School: _____

School Year: _____

Parent/Guardian Signature: _____

I am opting my child out of Human Growth & Development Course because:

- Scheduling Conflict
 Family Decision

Omaha Public Schools does not discriminate on the basis of race, color, national origin, religion, sex, marital status, sexual orientation, disability, age, genetic information, citizenship status, or economic status in its programs, activities, employment and provides equal access to the Boy Scouts and other designated school groups. The following individual has been designated to address inquiries regarding the non-discrimination policies: Superintendent of Schools, 3215 Cuming Street, Omaha, NE 68131 (402-557-2001)

Copy 1 – Principal
 PSoff 20512

Copy 2 – Counselor

Copy 3 – Curriculum Instruction & Assessment
 17808



COLLEGE LEVEL CLASSES

ADVANCED PLACEMENT

WHAT IS ADVANCED PLACEMENT (AP)?

- The opportunity for students to take college level courses in a high school setting and test for college credit.
- Instructors who are trained, dedicated, and successful in the instruction of AP curriculum.
- Students who will be taught the skills and concepts to be successful on the AP Exam as well as other college coursework.
- Students who develop the study habits necessary for rigorous coursework.
- Students who stand out in the college admissions process.
- Students who are willing to work hard and demonstrate their commitment to academic excellence.
- Students who assume the responsibility of reasoning, analyzing, and understanding for oneself.

Younger students in preparation for AP participation should enroll in the most challenging courses they can handle.

We hope you will consider participating in Bryan's AP program. If you have questions about the AP program, contact an AP instructor or school counselor. Our AP Coordinator is also an excellent resource as you consider your own participation.

CLASSES

AP English Literature & Composition
AP English Language & Composition
AP Calculus AB
AP Calculus BC
AP Statistics AB
AP Computer Science
AP Biology
AP Chemistry
AP Physics
AP Government & Politics: U.S. & Comparative
AP Human Geography
AP Psychology
AP U.S. History
AP World History
AP Spanish Language & Culture
AP Spanish Literature & Culture

Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

DUAL ENROLLMENT

WHAT IS DUAL ENROLLMENT?

Dual Enrollment provides high school students the opportunity to take college-credit bearing courses taught by college-approved high school teachers. Eligible courses allow students to earn high school credit and transcribed college credit at the time they pass the course. Omaha Public Schools partners with Metropolitan Community College (MCC), University of Nebraska (UNO), and Midland University (MU), to provide dual enrollment opportunities in Advanced Placement (AP), Career Education, and Special Program courses. Dual Enrollment is a low-cost model where students realize reduced tuition rates, where credits earned may transfer to another college or university, and where students experience a smooth transition from high school to college. Each partner institution determines their own policies and guidelines regarding, tuition costs, application deadlines, acceptance/transferability of credits. The state of Nebraska offers the Access College Early (ACE) scholarship for low-income high school students.

Enrolling in these designated courses is a commitment that an individual makes to a course of study. By enrolling, students and parents are making a commitment to staying in the course until completion. Dropping the class will NOT be an option for students once the schedule has been created.

CLASSES

AP Biology - UNO
AP Calculus AB - UNO
AP Calculus BC - UNO
AP Chemistry (MCC)
AP Government & Politics: US & Comparative - UNO
AP Human Geography - UNO
AP Government - UNO
AP Physics
AP Psychology - UNO
AP U.S. History - Midland University
AP World History - Midland University
MCC Business Math 1220
MCC Technical Math 1240
Honors Child Development 1-2, 3-4 - MCC
Honors Economics - UNO
Intro. to Education - UNO
Honors Personal Finance - MCC
Web Design - MCC
Logistics and Warehousing for Applied Technologies (MCC)
Introduction to Distribution (MCC)



OPS GRADING POLICY

Every student. Every day. Prepared for success.



What every student needs to know about grading

OPS Grading Scale



A	=	3.26 - 4.00
B	=	2.51 - 3.25
C	=	1.76 - 2.50
D	=	1.01 - 1.75
F	=	0.00 - 1.00

How much time should I spend on homework?



You should expect ten minutes (or more) per day times your grade level.

- 3rd grade = 30 minutes
- 6th grade = 1 hour
- 12th grade = 2 hours

Time may vary depending on classes.

Can I redo my work for full credit?

- Students may be allowed to redo/revise work until the end of the unit, based on teacher's professional judgement and evidence. Talk with your teacher.

If I don't turn in my work on time, what happens?

- Work not turned in at all will be recorded in Infinite Campus (district grade book) as an M for missing which calculates to a score of zero.

Am I allowed to turn in coursework late?

- Late coursework may be accepted for full credit until the end of the unit based on the teacher's professional judgment and evidence collected throughout the unit.
- Accepted late work will replace M with the score earned by the student.

Are some assignments worth more than others? *Secondary only.

- When entering grades in the grade book, teachers may assign greater weight to some major summative assignments.
- For example, the final exam may impact a student's summative grade more than a unit test.
- This information will be communicated to students prior to the day of the assessment.

How can I check my grades?



Campus Mobile Portal for Parents and Students

Parents and students can now access their Campus Portal information on Android and iOS devices using the Campus Mobile Portal app.



- Daily Planner**
View today's schedule and assignments due for each class.
- Assignments**
Browse your assignments by special by specific class or due date.
- Attendance**
Review attendance events in summary and detail form.
- Grades**
Know your grades now. Forget about end-of-term report cards to know how you're doing.
- Food Services**
OPS does not use the The Food Service feature in this application. To check your child's account balance, use the SchoolCafe on the OPSHome page.

Where to Download the Campus Mobile Portal App

The Campus Mobile Portal can be downloaded through the Apple App Store, Google Play Store or Amazon Appstore.



How to Sign In

In order to connect your device to our district's Infinite Campus server, you need to enter

Our District ID : Omaha Public Schools

Continue by entering your username and password you use on the web portal.

If you do not have a username and password, contact your school.

If you forgot your username or password go to:

<https://campus.ops/campus/portal/ops.jsp>



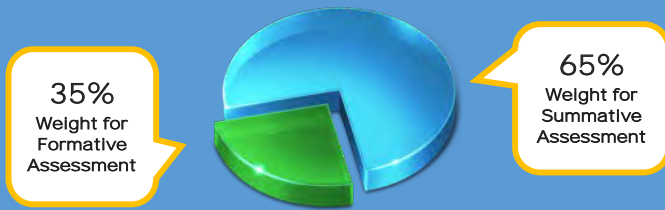
OPS GRADING POLICY

Every student. Every day. Prepared for success.

Omaha Public Schools Common Grading Practices



How will mastery be evaluated?



Formative: 35%

Summative: 65%

STANDARDS are what you should know and be able to do.

GRADING measures how well students master key concepts (or standards).



What is a rubric?

It explains what an Advanced, Proficient, or Basic level of mastery is needed for a specific assignment, test, or project.

If I work with a group on a project, do we all get the same grade?

No. Work done in groups will be graded individually. Group grades are never used.

How do I earn grades on an assessment?

Teachers assess multiple levels of learning K - 12. Secondary teachers create leveled formative and summative assessments.

(Advanced, Proficient, Basic)

ADVANCED is when you did all the work and exceed what you're supposed to do.

⇒ You have performed consistently at a high level of difficulty, complexity, or fluency that is above the expected course content/grade level standard.

PROFICIENT is when you did what you are supposed to do.

⇒ You have performed at the level of difficulty, complexity, or fluency that is at the expected course content/grade level standard.

BASIC is when you understand the content information and vocabulary.

⇒ You have performed at the level of difficulty on some of the expected course content/grade level standards, but not all.



WAYS TO GET INVOLVED

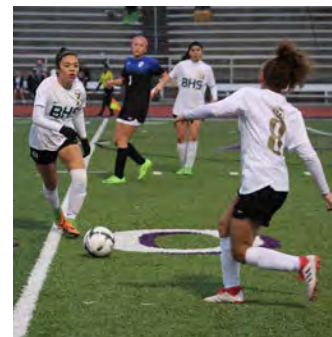
Clubs and activities are an important part of a student's educational experience and can enhance it in many ways. From connecting with peers and teachers, to providing leadership opportunities, the clubs and activities at Bryan offer a variety of skill sets and opportunities for camaraderie and fun. We strongly encourage students to try new things as well as get involved in activities that interest them. They are also welcome to start new clubs.



- | | |
|--------------------------------------|------------------------------|
| Academic Decathlon | Just Friends |
| AIM/Upward Bound | Latino Leaders |
| Art Club | JROTC- Color Guard |
| Barber Club | JROTC- Drill Team |
| BEARclucity | JROTC- |
| Book Club | Marksmanship |
| Chamber Choir | Mixed Chorus |
| Chamber Orchestra | Music Theatre |
| Concert Choir | Ensemble |
| Concert & Marching Band | National Honor Society |
| Crusader Yearbook Staff | NICE |
| DECA | Orator Student |
| Drama Club | Newspaper Staff |
| Educators Rising | Orchestra |
| FBLA | Quiz Bowl |
| FCCLA | Senior Class Officers |
| FFA | Skills USA |
| Hip Hop Club | Speech/Forensics Team |
| International Thespian Society (ITS) | STEM, Drones & Robotics Club |
| Jazz Band | Student Ambassadors |
| Junior Class Officers | Student Council |
| | Travel Club |



- | | |
|---------------|-------------------|
| Football | Swimming |
| Volleyball | Baseball |
| Softball | Track |
| Cross Country | Soccer |
| Golf | Cheer |
| Tennis | Sugar Bears Dance |
| Basketball | Unified Bowling |
| Wrestling | Unified Track |





THE PATHWAYS *of* The Career Center

ALL Students can APPLY!

Hands-on Learning
Bus Transportation provided
Critical Employability Skills
Earn Industry Certifications
Access to Early College Credit
Internships/ Apprenticeships
Network with Employers



Applications are in your email!

Career Center Application 22-23.... [Dec 2021](#)

Connecting Today's Students
With Tomorrow's Careers

22-23 Enrollment



11 Pathways

In High Wage, High Skill, & High Demand Careers

- Student Career Plan
- Industry Certifications
- Early College Credit
- Workplace Learning Experiences
- Skills USA Student Organization



THE PATHWAYS of
The Career Center



Automotive Technology

(10,11,12) 2 Credits/Semester

- Work on domestic and foreign cars and trucks in a high-tech precision industry
- Use the same advanced diagnostic and hand tool equipment as industry professionals to troubleshoot complex automotive systems.
- Maintain, repair, and fine-tune a wide range of vehicle engine performance alongside ASE technicians.

Automotive Collision Repair

(10,11,12) 2 Credits/Semester

- Develop skills and techniques used by professional in assembly, disassembly and non-structural repair.
- Repair, remove and replace auto body parts.
- Professionally apply undercoat, paint and topcoat to create a professional finish.

Construction

(10,11,12) 2 Credits/Semester

- Operate a wide range of hand and power tools for residential and commercial projects.
- Develop important hands-on skills in the areas of estimating, framing, interior and exterior work.
- Work alongside professional mentors from architecture, construction and engineering fields.

Electrical Systems Technology

(10,11,12) 2 Credits/Semester

- Advance with industry recognized skills through the Omaha Joint Electrical Apprenticeship and Training Committee program.
- Install electrical fixtures according to blueprints and schematics.
- Gain industry recognized skills from residential and commercial wiring projects and internship.

Welding

(10,11,12) 2 Credits/Semester

- Apply multiple welding techniques to join, cut or manipulate metal.
- Develop a wide variety of techniques for high wage, high demand careers.
- Experience hands-on instruction to enhance critical thinking and problem solving skills.

Core/Academic Courses

(10,11,12) 1Credits/Semester

- Experience contextualized core academic courses in English, Math, and others!

Certified Nursing Assistant

(Must be 16 by course completion)

(11,12) 2 Credits/Semester

- Prepare for a high demand career field by completing the requirements for the State of Nebraska Certified Nursing Assistant Certification.
- Obtain skills through immersion in multiple aspects of the art and science of healthcare.
- Work alongside experienced registered nurses in a

Emergency Medical Technician

(Must be 18 by course completion)

(12) 2 Credits/Semester

- Attain essential life saving techniques critical for a career in emergency medicine.
- Complete the requirements for the national registry EMT license.
- Assess, stabilize, and transport patients during clinical experiences with certified professionals.

Information Support & Networking

(10,11,12) 2 Credits/Semester

- Prepare for a career in the diverse field of information technology.
- Earn CompTIA A+, Network+ & Security + Certifications
- Troubleshoot, diagnose and repair personal computers, networks and security apparatus.

Digital Video Production

(10,11,12) 2 Credits/Semester

- Operate specialized equipment to create professional video and film productions.
- Showcase skills in multiple video, film, and broadcast news competitions.

UNMC High School Alliance

(11, 12) 2 Credits/Semester

- Experience unique and innovative science classes that are taught in partnership by UNMC faculty and certified high school teacher on the UNMC campus.

Access UNMC High School Alliance Application at
<https://www.unmc.edu/alliance/>

Zoo Academy

(11, 12) 2 Credits/Semester

- Experience unique and innovative science classes that are taught in partnership by certified high school teachers on the Henry Doorly Zoo campus. (Nov. 2020 due date)

Access Zoo Academy Application at

<https://www.omahazoo.com/zooacademy>



DUAL ENROLLMENT



Dual Enrollment Program

What is Dual Enrollment?

Dual Enrollment provides high school students the opportunity to take college-credit bearing courses taught by college-approved high school teachers in the student's home high school building. The term 'Dual Enrollment' means a program offered by a partnership between at least one institution of higher education and at least one local educational agency through which a secondary school student who has not graduated from high school with a regular high school diploma is able to enroll in one or more postsecondary courses and earn postsecondary credit that—

- (A) is transferable to the institutions of higher education in the partnership; &
- (B) applies toward completion of a degree or recognized educational credential as described in the Higher Education Act.

Students gain exposure to the academic challenges of college while in their supportive high school environment, earning transcripted college credit at the time they successfully pass the course. Essentially, dual enrollment prepares students for success in college and careers by increasing access to higher education, lowering the cost of college, and shortening student time to earning a degree or certification.

Dual Enrollment is currently offered in OPS through two primary programs:

- 1) **Gifted and Talented Education (GATE)**
 - a. **Advanced Placement (AP)**
- 2) **Career Education (CE).**
 - a. **Connected to a Pathway or Academy plan of study**

Dual Enrollment Benefits.

Reduced Tuition Cost. Participating students have a reduced tuition rate or may qualify for FREE tuition through a scholarship program authorized by the Nebraska State Legislature.

MCC: \$50 per course.

UNO: \$250 per course.

Midland U: \$250 per course

*Tuition Costs are determined by the postsecondary institution.

The Omaha Public Schools District provides the textbook and all course materials necessary for completion of the dual enrollment course. Tuition payment is the responsibility of the student. If a student qualifies for federal needs-based programs, they may be eligible for FREE tuition. The ACE scholarship program pays mandatory tuition fees for qualified high school students to enroll in dual enrollment courses. The basic criteria for high school students to qualify for the ACE scholarship is their eligibility status to receive assistance under a variety of federal programs, most notably the free and reduced lunch program. Students must work with a building official or counselor to complete the online ACE application. More information on ACE can be found at <http://ccpe.state.ne.us/publicdoc/ccpe/Financial%20Aid/ACE/>

Credits Transfer. Students begin creating an official college transcript with participation in a dual enrollment course. College institutions determine the transferability of credit, but typically credits transfer as follows:

AP Courses: transfer as general education requirements in either humanities, social sciences, natural sciences, or mathematics to 4-year/2-year institutions

CE courses: transfer as required credits at the issuing institution towards an associate's degree or certification, or to a similar 2-year institution with like programming, or may transfer as elective credits at 4-year institutions.

Students should request transcripts from any college he/she has earned dual enrollment credit with and provide them to the college/university during the admission process. It is the student's responsibility to disclose any college credit earned during high school, whether from an AP or CE dual enrollment course, to their college advisor.





OPS MCC Math Dual Enrollment

OPS MCC Math Dual Enrollment is a program offered through Metropolitan Community College and is designed to equip high school students with the math skills necessary to earn an associate's degree. Students attend an MCC Math class as part of their regular high school schedule, however, the course is a self-paced curriculum delivered in an online format with the support of certified teachers. Upon successful completion, students will have earned both OPS high school credit as well as Metropolitan Community College credits.

Courses Available:

MCC Course Title	OPS Course Title (Course Number)	OPS Credit Type	MCC Credit Equivalence
MATH 0910* – Pre-Algebra	This course is included in both MCC Business Math 1220 and MCC Technical Math 1240	*	5.0 credits
MATH 1220 – Business Mathematics OR MATH 1240 – Technical Mathematics	MCC Business Math 1220 (049501/049502) OR MCC Technical Math 1240 (049511/049512)	2 Math (1 per semester)	4.5 credits

**Proficiency with course content from Math 0910 is required before engaging with Math 1220 or Math 1240 content. Students may place out of this course based on an ACT score or pre-test score.*

How do students register?

Students register with their school counselor when they register for their courses.

Do these courses meet the math requirements for graduation in OPS?

Yes. Students may earn one credit per semester for MCC Business Math 1220 and MCC Technical Math 1240. These courses, however, do not meet NCAA eligibility.

Are there any fees?

There are no fees for students. The cost of the course and dual enrollment is funded by the Peter Kiewit Foundation and other sources. The cost equivalent that is covered by the funder is approximately \$1000.

What is dual enrollment?

Dual enrollment is a term used for courses that simultaneously earn a student credit at high school and at a partner institution such as Metropolitan Community College.

Are all MCC Modular Math students dual enrolled?

Yes. All students that are enrolled in OPS MCC Business Math 1220 or MCC Technical Math 1240 are automatically dual enrolled with Metropolitan Community College.

Are there any other requirements for students to enroll in MCC Modular Math?

Yes. All students that are enrolled in OPS MCC Business Math 1220 or MCC Technical Math 1240 MUST also complete an MCC dual enrollment form which includes a parent/guardian signature. Other data collection forms may also be requested.

How can students learn more about these MCC Modular Math courses and other courses offered through Metropolitan Community College?

Students can search "math" at <https://mycatalog.mccneb.edu/> to find full descriptions of the MCC Modular Math courses or choose a different search term if interested in other courses that MCC has to offer.





THE ACADEMIES *of*
Bryan
High School

WE ARE COLLEGE READY

WE ARE CAREER READY

**WE ARE
BRYAN**

Freshman Academy

Design & Construction Academy

Education Academy

Transportation, Distribution & Logistics Academy

Urban Agriculture Academy



FRESHMAN ACADEMY



Bryan
High School
**FRESHMAN
ACADEMY**



FRESHMAN ACADEMY

<p>Required Academy Class</p>	<p>Freshmen Seminar This course will encourage students to explore academic and career options. Freshmen students will have opportunities to learn study skills, social emotional skills, and build school culture.</p>		
<p>Required Core Classes</p>	<p>English 1-2 or H. English 1-2 U.S. History 1-2 or H. U.S. History 1-2 Physical Science 1-2, H. Physical Science 1-2, or H. Biology 1-2 Algebra 1-2 or H. Geometry 1-2 Physical Education, J ROTC, or Concert Band</p>		
<p>Suggested Elective Classes</p>	<p>Band Orchestra Chorus JROTC Photo & Digital Journalism</p>		<p>Art Pottery Drama World Languages Journalism</p>
<p>Suggested Involvement:</p>	<p>Academics: Aim/Upward Bound Creighton Talent Search FFA Educators' Rising Drama Club JROTC Vocal Music / Choir Band NICE Orchestra Student Ambassadors</p>	<p>Activities: Academic Decathlon Art Club Bearcluality Book Club Class Officers French Club Hip-Hop Club Just Friends Latino Leaders Quiz Bowl STEM, Drones & Robotics Student Council</p>	<p>Athletics: Football Volleyball Softball Cross Country Golf Tennis Basketball Wrestling Swimming Baseball Track Soccer Cheer Dance Unified Sports</p>

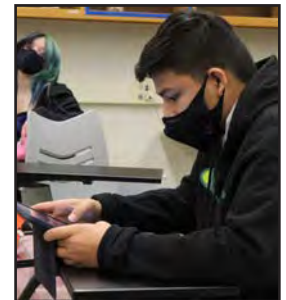
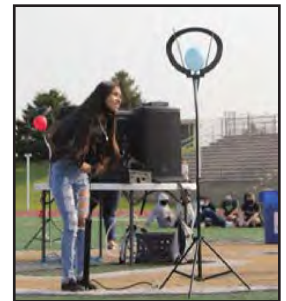


FRESHMAN ACADEMY

FRESHMAN SEMINAR 9

Course Description/Narrative: This introductory course is for all freshmen students that will introduce them to the high school experience by discovering school opportunities in career-based pathway and academy programming, will build a plan for their high and post-high school experiences, and will focus on learning strategies for successful transitioning into the high school environment. Students will engage in content in this course exploring the Omaha Public School Portrait of a Graduate, benchmarks of a College and Career Continuum, and Nebraska's College and Career Readiness Standards..

Prerequisite: none
Course ID: 181301, 181302



FRESHMAN ACADEMY

FACT:

High schoolers who do well freshman year are more likely to graduate and attend college



DESIGN & CONSTRUCTION ACADEMY



Bryan
High School
**DESIGN &
CONSTRUCTION
ACADEMY**



DESIGN & CONSTRUCTION ACADEMY

Academy: Design and Construction

Pathway: Architectural Design



High School Curriculum	Grade	Required Courses	Required Academy Courses	Suggested Academy Electives	
	9	ELA: English 1-2 (H)		Architectural Design	Performing & Fine Arts World Language-Spanish highly recommended (minimum of 2 years of same language, encouraged 4 years) Business Management (H) Intro to Business, Principles of Business Marketing and Management (H), Info Tech Apps AP Computer Science
		Mathematics: Algebra 1-2 ,H. Geometry 1-2			
		Science: Physical Science (H) or Biology (H)			
		Social Studies: U.S. History 1-2 (H)			
	10	ELA: English 3-4 (H)		Architecture Design Engineering 1-2	
		Mathematics: H Algebra 3-4, Geometry 1-2			
		Science: Biology 1-2 (H), Honors Chemistry			
	11	Social Studies: Human Geography (AP*) and Intro to Economics		Architecture Design Engineering 3-4 (23-24 school year)	
		ELA: English 5-6, AP Language and Composition			
Mathematics: Algebra 3-4 (H), Honors Pre Calc, Data and Statistics, AP Statistics, AP Calculus*					
Science: Chemistry (H), AP Chemistry*, Physics (H), AP Biology*, AP Physics*, Forensic Science, H Environmental Sci.					
12	Social Studies: World History 1-2 (AP*)		Architecture Design Engineering 5-6 (24-25 school year)		
	ELA: English 7-8, AP Literature and Composition				
	Mathematics: AP Calculus*, AP Statistics, Data and Statistics, College Algebra				
	Science: AP Biology*, AP Chemistry*, Physics (H), AP Physics*, Forensic Science, Forensic Science 3-4, H Environmental Sci.				
Prior to graduation	Social Studies: Amer. Government, Personal Finance (H*)				
	Physical Education/JROTC: 4 credits total				
	Human Growth and Dev.: 1 credit total				
		Electives: 16 credits total			
		*indicates Dual Enrolled			

Career and Technical Student Organization
Skills USA
Work-Based Learning Experiences
Career fairs, lunch and learns, Industry tours, job shadowing, guest speakers, internships, mock interviews, school based enterprises
Available Industry Certification
NCRC
Available Dual Credit
High Wage, High Skill, High Demand Careers (Omaha Consortium)
Architects , Electricians, Carpenters, Construction Managers, Graphic Designers, HVAC Installers, Civil Engineers, Industrial Engineers, Urban and Regional Planners, Mechanical Drafters



DESIGN & CONSTRUCTION ACADEMY

Academy: Design and Construction

Pathway: Construction Processes and Management



High School Curriculum	Grade	Required Courses	Required Academy Courses Construction Processes and Management	Suggested Academy Electives	
	9	ELA: English 1-2 (H)		Freshman Seminar	Performing and Fine Arts
		Mathematics: Algebra 1-2, H Geometry 1-2			
		Science: Physical Science 1-2 (H) or H Biology			
		Social Studies: U.S. History 1-2 (H)			
	10	ELA: English 3-4 (H)		Introduction to Construction 1-2	World Language-Spanish highly recommended (minimum of 2 years of same language, encouraged 4 years)
		Mathematics: H Algebra 3-4, Geometry 1-2			
		Science: Biology 1-2 (H) or Suggested Academy Science Elective			
		Social Studies: Human Geography (AP*) and Intro to Economics			
	11	ELA: English 5-6, AP Language and Composition		Construction 3-4	Business Management (H Intro to Business, Principles of Business Marketing and Management (H), Info Tech Apps AP Computer Science
Mathematics: Algebra 3-4 (H), Honors Pre Calc, Data and Statistics, AP Statistics, AP Calculus*					
Suggested Academy Science Elective					
Social Studies: World History 1-2 (AP*)					
12	ELA: English 7-8, AP Literature and Composition		Advanced Construction 5-6 (23-24 school year)	Science: AP Biology*, AP Chemistry*, Physics (H), AP Physics*, Forensic Science, Forensic Science 3-4, H Environmental Sci., Chemistry (H)	
	Mathematics: AP Calculus*, AP Statistics, Data and Statistics, College Algebra				
	Suggested Academy Science Elective				
	Social Studies: Amer. Government (AP) Personal Finance (H*)				
Prior to graduation	Physical Education/JROTC: 4 credits total			Career Center-Construction, Welding	
	Human Growth and Dev.: 1 credit total				
	Electives: 16 Credits total				
		*indicates Dual Enrolled			

Career and Technical Student Organization	
Skills USA	
Work-Based Learning Experiences	
Career fairs, lunch and learns, Industry tours, job shadowing, guest speakers, internships, mock interviews, off-campus house building	
Available Industry Certification	
OSHA 10 Certification	
Available Dual Credit	
High Wage, High Skill, High Demand Careers (Omaha Consortium)	
Carpenters \$43,836, Electricians \$51,899, Plumbers \$66,184, Pipefitters \$61,850, Construction Managers \$121,625, Brick masons \$58,884, Architects \$115,895, Sheet Metal Workers \$60,374, Industrial Engineers \$92,178	



DESIGN & CONSTRUCTION ACADEMY

Academy: Design and Construction

Pathway: Interior Design



High School Curriculum	Grade	Required Courses	Required Academy Courses	Suggested Academy Electives	
	9	ELA: English 1-2 (H)		Freshman Seminar	Performing and Fine Arts World Language-Spanish highly recommended (minimum of 2 years of same language, encouraged 4 years)
		Mathematics: Algebra 1-2 , H Geometry 1-2			
		Science: Physical Science 1-2 (H) or H Biology			
		Social Studies: U.S. History 1-2 (H)			
	10	ELA: English 3-4 (H)		Textiles, Construction and Design 1-2	Science: AP Biology*, AP Chemistry*, Chemistry (H), Physics (H), AP Physics*, Forensic Science, Forensic Science 3-4, H Environmental Sci.
		Mathematics: H Algebra 3-4, Geometry 1-2			
		Science: Biology 1-2 (H) or Suggested Academy Science Elective			
		Social Studies: Human Geography (AP*) and Intro to Economics (H)			
	11	ELA: English 5-6, AP Language and Composition		Home Design and Interiors 1-2	Business Management (H Intro to Business, Principles of Business Marketing and Management (H), Info Tech Apps AP Computer Science
Mathematics: Algebra 3-4 (H), Honors Pre Calc, Data and Statistics, AP Statistics, AP Calculus*					
Suggested Academy Science Elective					
Social Studies: World History 1-2 (AP*)					
12	ELA: English 7-8, AP Literature and Composition		Home Design and Interiors 3-4		
	Mathematics: AP Calculus*, AP Statistics, Data and Statistics, College Algebra				
	Suggested Academy Science Elective				
	Social Studies: Amer. Government, Personal Finance (H*)				
Prior to graduation	Physical Education/JROTC: 4 credits total				
	Human Growth and Dev.: 1 credit total				
	Electives: 16 credits total *indicates Dual Enrolled				

Career and Technical Student Organization

SkillsUSA, FCCLA

Work-Based Learning Experiences

Career fairs, lunch and learns, Industry tours, job shadowing, guest speakers, internships, mock interviews, school based enterprises

Available Industry Certification

National Career Readiness Certification (NCRC)

Available Dual Credit

Denoted above

High Wage, High Skill, High Demand Careers (Omaha Consortium)

Interior Designers \$74,356, Carpenters \$43,836, Appraisers and Assessors \$66,585 or Real Estate, Architects \$95,980, Art Directors \$95,071, Managers \$52,557, CTE Teachers \$54,563, Graphic Designers \$50,499



DESIGN & CONSTRUCTION ACADEMY



ARCHITECTURE DESIGN ENGINEERING 1-2 10

Foundational course in the Architectural Design Pathway for students interested in a variety of engineering and design professions. Upon completion of this course, students will build foundational skills in freehand sketching, fundamental technical drawing, and related measurement and math. Proficient students will be able to use computer aided design (CAD) software to create multi-view, sectional view, auxiliary view, and three-dimensional drawings using industry standard dimensioning and notation.

Prerequisite: Must be in Design & Construction Academy.
Course ID: 172501/ 172502



ARCHITECTURE DESIGN ENGINEERING 3-4 11

***BEGINS 2023-24 SCHOOL YEAR**

The second course in the Architectural Design Pathway. Students in this course build their skills in developing and representing design ideas using technical drawings and apply the design process to solve design problems. Students will utilize computer aided design (CAD) software to design and model a residential home with an emphasis on residential methods and materials of construction and codes.

Prerequisite: Successful completion of ARCH DESIGN ENG 1-2
Course ID: 172511/ 172512



DESIGN & CONSTRUCTION ACADEMY FACT: Laborers and equipment operators who enter management through schooling and industry experience can look forward to very high wages.

ARCHITECTURE DESIGN ENGINEERING 5-6 12

***BEGINS 2023-24 SCHOOL YEAR**

The third course in the Architectural Design Pathway. In this capstone course, students will apply technical drawing and design skills developed in the previous courses to specific architectural projects and contexts. Collaboration is encouraged between individuals and group participants to expand their problem-solving and critical-thinking skills by assessing the requirements of a project to accomplish realistic planning. Upon completion of this course, proficient students will be able to employ methods of data collection and analysis to provide others with appropriate information for projects and to develop their own designs.

Prerequisite: Successful completion of ARCH DESIGN ENG 3-4
Course ID: 172521/ 172522

INTRO TO CONSTRUCTION 10

Introduction to Construction is a course that will offer hand-on activities and real world experiences related to the skills and technical knowledge essential to the construction field. This understanding is gained by exploring safety procedures, accurately applying measurements, selecting appropriate fasteners/ adhesives, material types and properties, processing material, selecting tools for the correct operation and producing a product.

Prerequisite: Must be in Design & Construction Academy.
Course ID: 170811/170812

CONSTRUCTION 3-4 11

This course offers hands-on activities and real-world experiences to prepare for a career in the construction industry. Students learn blueprint reading, applied math, basic tool use, equipment, and safety. Students will explore building construction techniques, including layout, footings, stairs, walls, and roofs. Students have the opportunity to visit construction sites, take field trips, and participate in job shadowing experiences.

Prerequisite: Successful completion of Intro to Construction 1-2
Course ID: 170831/ 170832

ADVANCED CONSTRUCTION 5-6 12

This course offers hands-on activities and This course is an extension of Construction 3-4 that offers hands-on activities and real-world experiences to prepare for a career in the construction industry including concrete and masonry, framing, electrical plumbing, drywall installation, HVAC and painting. Students have the opportunity to visit construction sites, take field trips, and participate in job shadowing experiences.

Prerequisite: Successful completion of Construction 3-4
Course ID: 170841/ 170842



DESIGN & CONSTRUCTION ACADEMY

HOME DESIGN AND INTERIORS 1-2

Foundational course in the Architectural Design Pathway for students interested in a variety of engineering and design professions. Upon completion of this course, students will build foundational skills in freehand sketching, fundamental technical drawing, and related measurement and math. Proficient students will be able to use computer aided design (CAD) software to create multi-view, sectional view, auxiliary view, and three-dimensional drawings using industry standard dimensioning and notation.

Prerequisite: Must be in Design & Construction Academy.
Course ID: 140301 / 140302

HOME DESIGN AND INTERIORS 3-4

***BEGINS 2023-24 SCHOOL YEAR**

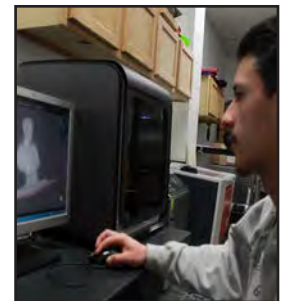
This is the capstone course in the Interior Design pathway. Assignments are career-related and project-based. Topics will include the application of the elements and principles of design to residential and non-residential "real world" business scenarios, career development in the housing and interior design field, client relationship building and design communication techniques, application of design field business skills, in addition to an emphasis on organizational and management skills to complete a designated timeline of work. Basic sewing skills will be incorporated into home interior-related projects, which may include simple furniture upholstery applications. Design student portfolios, started in the introductory TCD 1-2 class, will be refined. Work-based learning opportunities, such as extended learning experiences, job shadowing, capstone projects and/or internships will be implemented in the course.

Prerequisite: Successful completion of HOME DESIGN AND INTERIORS 1-2
Course ID: 140311 / 140312

11 TEXTILES, CONSTRUCTION & DESIGN 1-2

Interested in Fashion Design? Interior Design? Clothing & Textiles construction? In this class, students explore the definition and application of elements and principle of design in living spaces, fashion and/or textiles. Design trends, inspiration sources, technical tools (hand and computer), fiber/fabric types and much more are explored through examples, exercises, critiques and creative projects. Basic sewing construction is learned in this class. A portfolio will be developed, which will be used in related upper level courses for this Design program of study. Students are exposed to career opportunities and skills necessary for the design career fields of fashion, interiors and/or textiles.

Prerequisite: Must be in Design & Construction Academy.**Note: This is a prerequisite for Computer Design Housing 1-2, Textiles, Construction & Design 3-4, Textiles, Construction & Design 5-6
Course ID: 140261/ 140262



DESIGN & CONSTRUCTION ACADEMY FACT: From shopping malls, business parks and skyscrapers, to hospitals, schools and airports, construction workers literally shape the society we all live within.



EDUCATION ACADEMY



Bryan
High School
**EDUCATION
ACADEMY**



EDUCATION ACADEMY

Academy: Education

Pathway: Counseling and Mental Health



High School Curriculum	Grade	Required Courses	Required Academy Courses	Suggested Academy Electives
			Counseling and Mental Health	
	9	ELA: English 1-2 (H)	Freshman Seminar	H Child Development 1-2*, H Child Development 3-4*
		Mathematics: Algebra 1-2 , H Geometry 1-2		
		Science: Physical Science 1-2 (H) or H Biology		
		Social Studies: U.S. History 1-2 (H)		
	10	ELA: English 3-4 (H)	Lifespan Development* (1sem) Human Relations (1 sem)	Performing and Fine Arts World Language- (minimum of 2 years of same language, encouraged 4 years)
		Mathematics: H Algebra 3-4, Geometry 1-2		
		Science: Biology 1-2 (H) or Suggested Academy Science Elective		
		Social Studies: Human Geography (AP*) and Intro to Economics		
	11	ELA: English 5-6, AP Language and Composition	Families in Crisis(1 sem) (23-24 school year) Careers in Mental Health (1 sem) (23-24 school year)	PE Mentorship Science: Chemistry (H), AP Chemistry*, H Physics, AP Biology*, AP Physics*, Forensic Science (1-2, 3-4), H Environmental Sci.
		Mathematics: Algebra 3-4 (H), Honors Pre Calc, Data and Statistics, AP Statistics, AP Calculus*		
		Suggested Academy Science Elective		
		Social Studies: World History 1-2 (AP*)		
12	ELA: English 7-8, AP Literature and Composition	AP Psychology or Psychology Sociology		
	Mathematics: AP Calculus*, AP Statistics, Data and Statistics, College Algebra			
	Suggested Academy Science Elective			
	Social Studies: Amer. Government (AP) Personal Finance (H*)			
Prior to graduation	Physical Education/JROTC: 4 credits total			
	Human Growth and Dev.: 1 credit total			
	Electives: 16 credits total			
		*indicates Dual Enrolled		

Career and Technical Student Organization

Educators Rising, FCCLA

Work-Based Learning Experiences

Career fairs, lunch and learns, Industry tours, job shadowing, guest speakers, internships, mock interviews, Practicum

Available Industry Certification

Available Dual Credit

Denoted above

High Wage, High Skill, High Demand Careers (Omaha Consortium)

Child, Family and School Social Workers (\$42k), School Counselor (\$59k) Clinical Counseling (\$73k), Health and Community Educator (\$57K), Substance Abuse and Behavioral Disorder Counselor (\$43k), Marriage and Family Therapists (\$57k), Psychologist (\$75K), Psychiatrist (\$213k)



EDUCATION ACADEMY

Academy: Education

Pathway: Teaching



High School Curriculum	Grade	Required Courses	Required Academy Courses	Suggested Academy Electives	
	9	ELA: English 1-2 (H)		Teaching as a Profession Freshman Seminar	H Child Development 1-2*, H Child Development 3-4* Psychology (1 sem) Family Living 1-2 Performing and Fine Arts World Language- (minimum of 2 years of same language, encouraged 4 years) Sociology, PE Leadership, PE Mentorship Science: Chemistry (H), AP Chemistry*, Physics (H), AP Biology*, AP Physics*, Forensic Science (1-2, 3-4), H Environmental Sci.
		Mathematics: Algebra 1-2, H Geometry 1-2			
		Science: Physical Science 1-2 (H) or H Biology			
		Social Studies: U.S. History 1-2 (H)			
	10	ELA: English 3-4 (H)		Lifespan Development* Principles of Education and Training*	
		Mathematics: H Algebra 3-4, Geometry 1-2			
		Science: Biology 1-2 (H) or Suggested Academy Science Elective			
		Social Studies: Human Geography (AP*) and Intro to Economics			
	11	ELA: English 5-6, AP Language and Composition		Best Practices in Education 1-2	
Mathematics: Algebra 3-4 (H), Honors Pre Calc, Data and Statistics, AP Statistics, AP Calculus* Suggested Academy Science Elective					
Social Studies: World History 1-2 (AP*)					
12	ELA: English 7-8, AP Literature and Composition		Field Experience in Education		
	Mathematics: AP Calculus*, AP Statistics, Data and Statistics, College Algebra Suggested Academy Science Elective				
	Social Studies: Amer. Government (AP) Personal Finance (H*)				
Prior to graduation	Physical Education/JROTC: 4 credits total				
	Human Growth and Dev.: 1 credit total				
	Electives: 16 credits total *indicates Dual Enrolled				

Career and Technical Student Organization

Educators Rising, FCCLA

Work-Based Learning Experiences

Career fairs, lunch and learns, Industry tours, job shadowing, guest speakers, internships, mock interviews, Practicum

Available Industry Certification

Available Dual Credit

Denoted above

High Wage, High Skill, High Demand Careers (Omaha Consortium)

Adult Basic and Secondary Ed Literacy Teacher/Instructor (\$59k), Postsecondary Teachers (\$50-85k), K-12 Education Administrators (\$99k), Educational, School, Vocational Counselors (\$57k), K-12 Teachers (\$59k), Instructional Coordinators (\$60k), Librarians (\$64k), Postsecondary Teachers (\$59k), Computer Science Teachers, postsecondary (\$87k), Education Admin, Preschool & Childcare Center (\$62k), Vocational Ed Teachers, Postsecondary (\$80k), School Psychologist (\$80k), Speech-Language Pathologist (\$70k)



PRINCIPLES OF EDUCATION AND TRAINING 10

(COLLEGE LEVEL- UNO DUAL ENROLLMENT)

This course is designed to introduce students to career opportunities and related skills in the Education and Training career field, including teaching and professional educational training. Students will explore topics related to the foundation and history of education, the philosophy of education, roles of educators, instructional and assessment methods, diversity of cultures and communities related to educational settings, learner development, and professional development. Classroom, laboratory, and educational leadership activities are supplemented through Nebraska Educators Rising, a career and technical student organization. This course can be dual enrolled through UNO, based on teacher HLC guideline credentials, for TED 1010 for 3 credits.

Prerequisite: Must be in Education Academy
Course ID: 141171

LIFESPAN DEVELOPMENT 10

This course explores the physical, emotional, social, and intellectual development of individuals across the lifespan. External impacts on development, including family structure and practices, social and technological forces, and resources available to individuals and their outcomes will be explored. Classroom, laboratory, and educational leadership activities are supplemented through Educators Rising.

Prerequisite: Must be in Education Academy
Course ID: 141161

BEST PRACTICES IN EDUCATION 11

Students will further engage in topics related to instructional and assessment methods, including differentiation of instruction. Students will develop active listening skills necessary for educators, and demonstrate positive feedback techniques. Students will gain skills related to planning for instruction, which will be utilized in the field experience course. Classroom, laboratory, and educational leadership activities are supplemented through Nebraska Educators Rising student organization

Prerequisite: Must be in Education Academy
Course ID: 141181/141182

HUMAN RELATIONS 10

This is an introductory course in interpersonal communications skills, stressing the importance of utilizing those skills in the workplace. Students are presented with opportunities to become more effective, discerning, ethical, flexible, perceptive, and understanding in both professional and personal endeavors. Special attention will be given to appropriate communications skills, diversity awareness, teamwork, and job-seeking skills as applied to an increasingly customer-oriented workplace.

Prerequisite: Must be in Education Academy
Course ID: 180011

FAMILIES IN CRISIS 11

***BEGINS 2023-24 SCHOOL YEAR**

In this course students identify positive and negative impacts on families including stress, changes in the family life cycle, grief and loss, and mental health disorders. Students will compare and contrast counseling services needed to support families and the types of services available to address conflict and abuse. Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Prerequisite: Must be in Education Academy
Course ID: 181501



EDUCATION ACADEMY FACT:
One of our students in Educators Rising won 3rd place in the nation with a book he wrote/illustrated at the National Educators Rising Conference.



EDUCATION ACADEMY



CAREERS IN MENTAL HEALTH

***BEGINS 2023-24 SCHOOL YEAR**

Students will explore the career skills and educational requirements of the variety of careers available that relate to counseling and mental health. Students will examine mental health services and resources in depth and may obtain Mental Health First Aid certification. Classroom, laboratory and educational leadership activities are supplemented through Nebraska FCCLA Career Student Organization.

Prerequisite: Must be in Education Academy
Course ID: 151502



EDUCATION ACADEMY FACT: Almost everyone has a story about a teacher who inspired them— made learning fun, ignited a passion for a specific topic, or even pushed students hard to soar beyond expectations.

11

FIELD EXPERIENCE IN EDUCATION & TRAINING

12

Through this capstone experience, students will apply previously developed knowledge and skills into a structured workplace experience. This volunteer experience may take place within a school environment for those seeking teaching careers, or within the business and industry community for those seeking careers in professional educational training. Goals are set cooperatively by students, their instructor, and respective supervising professionals. Opportunities may include experience teaching in a controlled setting by designing learning experiences and facilitating presentations. Students will focus on improving their instructional strategies through coaching from their teacher and supervising professionals. Classroom, laboratory, and educational leadership activities are supplemented through Nebraska Educators Rising, a career and technical student organization.

Prerequisite: Must be in Education Academy
Course ID: 141191/ 141192





Bryan
High School
**TRANSPORTATION,
DISTRIBUTION &
LOGISTICS
ACADEMY**



TDL ACADEMY

Academy: Transportation, Distribution and Logistics
 Pathway: International Business, Marketing, Management



High School Curriculum	Grade	Required Courses	Required Academy Courses	Suggested Academy Electives	
	9	ELA: English 1-2 (H)		Freshman Seminar	Performing and Fine Arts World Language- (minimum of 2 years of same language, encouraged 4 years)
		Mathematics: Algebra 1-2 , H Geometry 1-2			
		Science: Physical Science 1-2 (H) or H Biology 1-2			
		Social Studies: U.S. History 1-2 (H)			
	10	ELA: English 3-4 (H)		Principles of Business, Marketing & Management (1 sem) (Honors) International Business (1 sem)	Business (Accounting 1-2 (H), Accounting 3-4 (H), Info Tech Apps, Entrepreneurship)
		Mathematics: H Algebra 3-4, Geometry 1-2			
		Science: Biology 1-2 (H) or Suggested Academy Science Elective			
		Social Studies: Human Geography (AP*) and Intro to Economics (H)			
	11	ELA: English 5-6, AP Language and Composition		Accounting Applications (1 sem) (23-24 school year) International Marketing and Management (1 sem) (23-24 school year)	Social Studies (African American History, Mexican American History, Sociology, Psychology (AP), Omaha History, H Economics)
Mathematics: Algebra 3-4 (H), Honors Pre Calc, Data and Statistics, AP Statistics, AP Calculus*					
Suggested Academy Science Elective					
Social Studies: World History 1-2 (AP*)					
12	ELA: English 7-8, AP Literature and Composition		International Trade 1-2 (24-25 school year)	Speech and Debate, Journalism, Yearbook Science: Chemistry (H), AP Chemistry*, Physics (H), AP Biology*, AP Physics*, Forensic Science (1-2, 3-4), H Environmental Sci.	
	Mathematics: AP Calculus*, AP Statistics, Data and Statistics, College Algebra				
	Suggested Academy Science Elective				
	Social Studies: Amer. Government (AP) Personal Finance (H*)				
Prior to graduation	Physical Education/JROTC: 4 credits total				
	Human Growth and Dev.: 1 credit total				
	Electives: 16 credits total				
	*indicates Dual Enrolled				

Career and Technical Student Organization	
SkillsUSA, Distributive Education Clubs of America DECA, Future Business Leaders of America FBLA	
Work-Based Learning Experiences	
Career fairs, lunch and learns, Industry tours, job shadowing, guest speakers, internships, mock interviews, school based enterprises	
Available Industry Certification	
OSHA 10, Microsoft Certification	
Available Dual Credit	
<i>denoted above</i>	
High Wage, High Skill, High Demand Careers (Omaha Consortium)	
Chief Executives - \$230,000, Business Operation Specialist - \$77,000, Market Research Analysts and Marketing Specialists - \$64,000, Financial Analysts - \$76,000, Sales Representatives - \$100,000, General and Operations Managers - \$112,000, Wholesale and Retail Buyers - \$70,000, Management Analysts - \$87,000, Marketing Managers - \$115,000	



Academy: Transportation, Distribution and Logistics

Pathway: Logistics & Supply Chain Management



High School Curriculum	Grade	Required Courses	Required Academy Courses	Suggested Academy Electives	
	9	ELA: English 1-2 (H)		Logistics and Supply Chain Management	Performing and Fine Arts World Language-Spanish highly recommended (minimum of 2 years of same language, encouraged 4 years) Business Management (H Intro to Business, Principles of Business Marketing and Management (H), Info Tech Apps) Science: Chemistry (H), AP Chemistry*, Physics (H), AP Biology*, AP Physics*, Forensic Science (1-2,3-4), H Environmental Sci.
		Mathematics: Algebra 1-2 , H Geometry 1-2			
		Science: Physical Science 1-2 (H) or H Biology			
		Social Studies: U.S. History 1-2 (H)			
	10	ELA: English 3-4 (H)		Logistics and Supply Chain Management 1-2*	
		Mathematics: H Algebra 3-4, Geometry 1-2			
		Science: Biology 1-2 (H) or Suggested Academy Science Elective			
		Social Studies: Human Geography (AP*) and Intro to Economics			
	11	ELA: English 5-6, AP Language and Composition		Logistics and Supply Chain Management 3-4*	
Mathematics: Algebra 3-4 (H), Honors Pre Calc, Data and Statistics, AP Statistics, AP Calculus*					
Suggested Academy Science Elective					
Social Studies: World History 1-2 (AP*)					
12	ELA: English 7-8, AP Literature and Composition		Logistics and Supply Chain Management 5-6*		
	Mathematics: AP Calculus*, AP Statistics, Data and Statistics, College Algebra				
	Suggested Academy Science Elective				
	Social Studies: Amer. Government (AP) Personal Finance (H*)				
Prior to graduation	Physical Education/JROTC: 4 credits total				
	Human Growth and Dev.: 1 credit total				
	Electives: 16 credits total				
		*indicates Dual Enrolled			

Career and Technical Student Organization
Skills USA, Future Business Leaders of America
Work-Based Learning Experiences
Career fairs, lunch and learns, Industry tours, job shadowing, guest speakers, internships, mock interviews, school based enterprises
Available Industry Certification
OSHA Certification, Fork-lift Certification
Available Dual Credit
INCT 1000 Industrial Safety and Health (4.5 credits), INCT 1100 Logistics and Warehousing for Applied Technologies (4.5), INCT 1500 Introduction to Distribution (4.5 credits)
High Wage, High Skill, High Demand Careers (Omaha Consortium)
General and Operations Manager - \$90,000, Heavy and Tractor-Trailer Truck Drivers - \$44,000, Industrial Production Managers - \$98,000, Logisticians - \$75,000





PRINCIPLES OF BUSINESS 10 MARKETING & MANAGEMENT

This course is designed to introduce students to the Business, Marketing, and Management Career Field, which focuses on formation and structure, economics, management, marketing, financial management, and operations. Career opportunities and technology will also be used and discussed. There is an Honors option for this course.

Prerequisite: Must be in TDL Academy
Course ID: 120021, Honors Course ID: 120041



INTERNATIONAL 10 BUSINESS

This course is designed to introduce students to basic business operations surrounding global trade and to prepare students to live and work in a global economy. Course topics include learning to improve international business relations through appropriate communication strategies; understanding the global business environment and the inter-connect-edness of cultural, political, legal, economic, and ethical systems; exploring basic concepts underlying international finance, management, marketing, and trade relations; and identifying forms of business ownership and international business opportunities.

Prerequisite: Must be in TDL Academy
Course ID: 120901

ACCOUNTING 11 APPLICATIONS

***BEGINS 2023-24 SCHOOL YEAR**
This course emphasizes accounting practices that prepares students to make educated and informed business and personal financial decisions. The accounting standards focus on the skills and competencies in methods and principles of recording business transactions; the preparation of various documents used in recording income, expenses, acquisition of assets, incurrence of liabilities, and changes in equity; and the preparation of financial statements.

Prerequisite: Must be in TDL Academy
Course ID: TBD

INTERNATIONAL 11 MARKETING & MANAGEMENT

***BEGINS 2023-24 SCHOOL YEAR**

This course is designed to prepare students to live and work in a global economy. Students develop an understanding of management styles, marketing principles, economics, and customs which affect business systems in the international environment.

Prerequisite: Must be in TDL Academy
Course ID: TBD

INTERNATIONAL 12 TRADE 1-2

***BEGINS 2024-25 SCHOOL YEAR**

International Trade is a course for students with a career interest in the field of international trade. Students gain an understanding of the various careers in global trade, finance, shipping, and marketing and consider fundamental concepts, principles, and theories of marketing in an international setting. Course content contains macroeconomic and microeconomic theory with international culture, politics, legal issues, concepts, practices, and applications.

Prerequisite: Must be in TDL Academy
Course ID: TBD

LOGISTICS SUPPLY 10 CHAIN MANAGEMENT 1-2

This course engages students in solving contextual problems related to the concepts of supply chains, warehouse location, contingency planning, in-sourcing and outsourcing, and expanding existing supply chains. These concepts form the basis of global logistics and supply chain management and help students understand how professionals examine options to maximize the use of resources across distribution networks.

Prerequisite: Must be in TDL Academy
Course ID: 172611 / 172612

TDL FACT:
At least 300,000 new jobs are created every year in the United States for the logistic industry. It's one of the most thriving industries and beneficial industries to work within.



LOGISTICS SUPPLY CHAIN MANAGEMENT 3-4

This course compels students to explore deeper understandings of the concepts they discovered in the previous course as they navigate projects on warehouse design, inventory management, transportation optimization, information technology, emergency responsiveness and the supply chain for manufacturing. Students use their experiences in this course to discover ways that professionals minimize the outlay of resources while improving efficiency and ability in the global market.

Prerequisite: Successful completion of LOGISTICS SUPPLY CHAIN MANGT 1-2
Course ID: 172621 / 172622

11 LOGISTICS SUPPLY CHAIN MANAGEMENT 5-6

This advanced course allows students to see the implications of all the concepts they learned in the previous three courses as they consider environmental impact, selecting business partners in a global and domestic chain, information technology and decisions regarding e-commerce. Students explore the ongoing need to balance dependability and resource outlay in meeting customer demands around the world. Projects will expand students' decision-making skills as they tackle issues related to transportation, distribution networks and manufacturing.

Prerequisite: Successful completion of LOGISTICS SUPPLY CHAIN MANGT 3-4
Course ID: 172631 / 172632

12



TDL FACT:
88 percent of shippers in the United States think that communication, flexibility and openness are the best qualities in making a successful partnership.



URBAN AG. ACADEMY



Bryan
High School
**URBAN
AGRICULTURE
ACADEMY**



URBAN AG. ACADEMY

Academy: Urban Agriculture

Pathway: Animal Science



High School Curriculum	Grade	Required Courses	Required Academy Courses	Suggested Academy Electives		
	9	ELA: English 1-2 (H)		Animal Science	Performing & Fine Arts World Language-Spanish highly recommended (minimum of 2 years of same language, encouraged 4 years) Business Management (H Intro to Business, Principles of Business Marketing and Management (H), Info Tech Apps) Zoo Academy(Career Center)	
		Mathematics: Algebra 1-2, H. Geometry 1-2				Freshman Seminar
		Science: Physical Science (H) or Biology (H)				
		Social Studies: U.S. History 1-2 (H)				
	10	ELA: English 3-4 (H)		Introduction to Agriculture, Food and Natural Resources		
		Mathematics: Geometry 1-2, H Algebra 3-4				
		Science: Biology 1-2 (H), Honors Chemistry				
		Social Studies: Human Geography (AP*) and Intro to Economics				
	11	ELA: English 5-6, AP Language and Composition		Animal Science 1-2		
Mathematics: Algebra 3-4 (H), Honors Pre Calc, Data and Statistics, AP Statistics, AP Calculus*						
Science: Anatomy and Physiology, AP Biology*						
Social Studies: World History 1-2 (AP*)						
12	ELA: English 7-8, AP Literature and Composition		Animal Science 3-4 (23-24 school year)			
	Mathematics: AP Calculus*, AP Statistics, Data and Statistics, College Algebra					
	Science: AP Biology*, Anatomy and Physiology					
	Social Studies: Amer. Government, Personal Finance (H*)					
Prior to graduation	Physical Education/JROTC: 4 credits total					
	Human Growth and Dev.: 1 credit total					
	Electives: 16 credits total					
Career and Technical Student Organization						
Work-Based Learning Experiences						
Career fairs, lunch and learns, Industry tours, job shadowing, guest speakers, internships, mock interviews, school based enterprises						
Available Industry Certification						
ACT National Career Readiness Certification (NCRC)						
Available Dual Credit						
<i>Denoted above</i>						
High Wage, High Skill, High Demand Careers (Omaha Consortium)						
Veterinarian - \$87,000, Agricultural Inspector - \$53,000, Animal Feed Sales - \$78,000, Animal Scientist - \$123,000, Agricultural Sciences Teacher (post-secondary) - \$117,000, Buyer/Purchasing Agent - \$70,000, Zoologist - \$60,000, Wildlife Biologist - \$63,000						



URBAN AG. ACADEMY

Academy: Urban Agriculture

Pathway: Food Science



High School Curriculum	Grade	Required Courses	Required Academy Courses	Suggested Academy Electives
			Food Science	
High School Curriculum	9	ELA: English 1-2 (H)	Freshman Seminar	Performing & Fine Arts World Language-Spanish highly recommended (minimum of 2 years of same language, encouraged 4 years) Business Management (H Intro to Business, Principles of Business Marketing and Management (H), Info Tech Apps)
		Mathematics: Algebra 1-2 , H Geometry 1-2		
		Science: Physical Science 1-2 (H) or H Biology		
		Social Studies: U.S. History 1-2 (H)		
	10	ELA: English 3-4 (H)	Intro to Agriculture, Food and Natural Resources	
		Mathematics: H Algebra 3-4, Geometry 1-2		
		Science: Biology 1-2 (H) or Honors Chemistry, Chemistry		
		Social Studies: Human Geography (AP*) and Intro to Economics		
	11	ELA: English 5-6, AP Language and Composition	Food Science 1-2	
		Mathematics: Algebra 3-4 (H), Honors Pre Calc, Data and Statistics, AP Statistics, AP Calculus*		
		Science: Chemistry, H Chemistry, AP Chemistry		
		Social Studies: World History 1-2 (AP*)		
	12	ELA: English 7-8, AP Literature and Composition	Food Science 3-4 (23-24 school year)	
		Mathematics: AP Calculus*, AP Statistics, Data and Statistics, College Algebra		
		Science: AP Chemistry, H Chemistry		
		Social Studies: Amer. Government, Personal Finance (H*)		
Prior to graduation	Physical Education/JROTC: 4 credits total			
	Human Growth and Dev.: 1 credit total			
	Electives: 16 credits total			
		<i>*denotes dual enrolled</i>		

Career and Technical Student Organization
FFA
Work-Based Learning Experiences
Career fairs, lunch and learns, Industry tours, job shadowing, guest speakers, internships, mock interviews, school based enterprises
Available Industry Certification
ACT National Career Readiness Certification (NCRC)
Available Dual Credit
<i>Denoted above</i>
High Wage, High Skill, High Demand Careers (Omaha Consortium)
Agriculture and Food Science Technician - \$50,000, Dieticians and Nutritionists - \$55,000, Food Inspector - \$60,000, Food Product Sales Rep - \$60,000, Food Scientist and Technologist - \$72,000, Food Service Manager - \$50,000, Food Chemist - \$68,000



URBAN AG. ACADEMY

Academy: Urban Agriculture

Pathway: Environmental and Natural Resources



High School Curriculum	Grade	Required Courses	Required Academy Courses Environmental and Natural Resources	Suggested Academy Electives
	9	ELA: English 1-2 (H)	Freshman Seminar	Performing and Fine Arts
		Mathematics: Algebra 1-2 , H Geometry 1-2		
		Science: Physical Science 1-2 (H) or H Biology		
		Social Studies: U.S. History 1-2 (H)		
	10	ELA: English 3-4 (H)	Intro to Agriculture Food and Natural Resources	World Language- Spanish highly recommended (minimum of 2 years of same language, encouraged 4 years)
		Mathematics: H Algebra 3-4, Geometry 1-2		
		Science: Biology 1-2 (H) or H Environmental Science		
		Social Studies: Human Geography (AP*) and Intro to Economics		
	11	ELA: English 5-6, AP Language and Composition	Natural Resources Management 1-2	Business Management (H Intro to Business, Principles of Business Marketing and Management (H), Info Tech Apps)
Mathematics: Algebra 3-4 (H), Honors Pre Calc, Data and Statistics, AP Statistics, AP Calculus*				
Science: H Environmental Science, Water Technology (23-24 school year)				
Social Studies: World History 1-2 (AP*)				
12	ELA: English 7-8, AP Literature and Composition	Natural Resources Management 3-4 (23-24 school year)		
	Mathematics: AP Calculus*, AP Statistics, Data and Statistics, College Algebra			
	Science: Water Technology, Inland Ecosystems (23-24 school year) or H Environmental Science			
	Social Studies: Amer. Government (AP) Personal Finance (H*)			
Prior to graduation	Physical Education/JROTC: 4 credits total			
	Human Growth and Dev.: 1 credit total			
	Electives: 16 credits total			
<i>*denotes dual enrolled</i>				
Career and Technical Student Organization				
FFA				
Work-Based Learning Experiences				
Career fairs, lunch and learns, Industry tours, job shadowing, guest speakers, internships, mock interviews, school based enterprises				
Available Industry Certification				
National Career Readiness Certification (NCRC)				
Available Dual Credit				
<i>Denoted above</i>				
High Wage, High Skill, High Demand Careers (Omaha Consortium)				
Environmental Scientist - \$68,000, Soil and Plant Scientist - \$80,000, Natural Sciences Manager - \$101,000, Environmental Engineers - \$85,000, Environmental Science and Protection Technician - \$51,000				



URBAN AG. ACADEMY

Academy: Urban Agriculture

Pathway: Plant Science



High School Curriculum	Grade	Required Courses	Required Academy Courses	Suggested Academy Electives
				Plant Science
High School Curriculum	9	ELA: English 1-2 (H)	Freshman Seminar	Performing and Fine Arts World Language- Spanish highly recommended (minimum of 2 years of same language, encouraged 4 years) Business Management (H Intro to Business, Principles of Business Marketing and Management (H), Info Tech Apps)
		Mathematics: Algebra 1-2 , H Geometry 1-2		
		Science: Physical Science 1-2 (H) or H Biology		
		Social Studies: U.S. History 1-2 (H)		
	10	ELA: English 3-4 (H)	Intro to Agriculture, Food and Natural Resources	
		Mathematics: H Algebra 3-4, Geometry 1-2		
		Science: Biology 1-2 (H), AP Biology* or H Environmental Science		
		Social Studies: Human Geography (AP*) and Intro to Economics		
	11	ELA: English 5-6, AP Language and Composition	Plant Science 1-2	
		Mathematics: Algebra 3-4 (H), Honors Pre Calc, Data and Statistics, AP Statistics, AP Calculus*		
		Science: AP Biology* or H Environmental Science		
		Social Studies: World History 1-2 (AP*)		
	12	ELA: English 7-8, AP Literature and Composition	Plant Science 3-4 (23-24 school year)	
		Mathematics: AP Calculus*, AP Statistics, Data and Statistics, College Algebra		
		Science: AP Biology*, H Environmental Science		
		Social Studies: Amer. Government (AP) Personal Finance (H*)		
Prior to graduation	Physical Education/JROTC: 4 credits total			
	Human Growth and Dev.: 1 credit total			
Career and Technical Student Organization				
	<i>*denotes dual enrolled</i>	FFA		
Work-Based Learning Experiences				
Career fairs, lunch and learns, Industry tours, job shadowing, guest speakers, internships, mock interviews, school based enterprises				
Available Industry Certification				
National Career Readiness Certification (NCRC)				
Available Dual Credit				
<i>Denoted above</i>				
High Wage, High Skill, High Demand Careers (Omaha Consortium)				
Agricultural Inspector - \$53,000, Environmental Scientist - \$68,000, Soil and Plant Scientist - \$80,000, Agricultural and Food Sciences Technicians - \$50,000, Pharmaceutical Botanist - \$53,000, Biological Scientist - \$70,000,				



INTRODUCTION TO AGRICULTURE, FOOD, AND NATURAL RESOURCES

This course covers a variety of agricultural topics. Students focus primarily on urban agriculture, but also agriculture in Nebraska, the United States, and around the world. The course begins by introducing the agricultural industry. During the leadership unit, students learn about the FFA and attend a leadership workshop. The animal science unit allows students to research animals and animal care, listen to guest speakers, participate in field trips, and understand animal science careers. During the food science unit, students discover how agriculture and food relate. There are several science related activities in this unit. The plant science unit allows students to learn about growing food and ornamental plants. This unit has several hands-on activities with plants. A project in this class involved planning and managing the school greenhouse. The final unit researches natural resources and energy in Nebraska. Throughout this course, there is an emphasis on agriculture, food, and natural resource careers.

Prerequisite: none
Course ID: 173001/173002

ANIMAL SCIENCE 1-2 11

This course will cover the many aspects and management practices of the animal industry. Students will begin this course with information on a wide variety of animals ranging from livestock to companion animals. The class will also provide information about various zoo animals and aquatic life. During the second portion of the course, students learn about animal nutrition and how it relates to growth, development, and economic production. All this information will be used to develop a growth plan for an animal from conception to death including healthcare and disease prevention. This course also satisfies 1 elective science credit

Prerequisite: successful completion of Introduction to Agriculture, Food and Natural Resources
Course ID: 173021

10 ANIMAL SCIENCE 3-4 12

***BEGINS 2023-24 SCHOOL YEAR**

As the capstone for the Animal Science Pathway, this course introduces students to the basics of animal medical care. Topics covered include disease, parasites, feeding, shelter, grooming, breeding, care, and marketing of companion animals. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Prerequisite: Successful completion of ANIMAL SCIENCE 1-2
Course ID: 011006/011015

FOOD SCIENCE 1-2 11

This course studies the production, processing, preparation, evaluation, and utilization of food. Nutrition Science integrates consumerism, chemistry, biology, physics and psychology. Nutrition Science uses scientific methods and laboratory experiments to help understand food. Chemistry 1-2 is strongly encouraged.

Prerequisite: Successful completion of INTRO TO AG, FOOD, AND NATURAL RESOURCES
Course ID: 140621/140622

FOOD SCIENCE 3-4 12

***BEGINS 2023-24 SCHOOL YEAR**

This capstone course is an in-depth study of the development of food products from a variety of agricultural industries. Students will study the nutritional value of foods along with applying scientific processes such as microbiology and chemistry to the development of food products, and analyze and select appropriate storage, distribution, and consumption of foods. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Prerequisite: successful completion of FOOD SCIENCE 1-2
Course ID: 173101 / 173102



URBAN AG FACT:
Bryan High is home to one of the largest FFA chapters in the state.



URBAN AG. ACADEMY



PLANT SCIENCE 1-2 11

In this course, students learn about a variety of different plants and their biology. Students start off by learning how we use the plants around us. Plant biology, structure, and reproduction are topics that are focused on during the first portion of this course. During the second portion of the course, students learn about growing food and how to manage a garden. A third portion of the class focuses on greenhouse, nursery, and landscape management. Students listen to guest speakers and attend field trips to understand careers available in plant science. This course also satisfies 1 elective science credit.

Prerequisite: "C" or better in Introduction to Agriculture, Food and Natural Resources or teacher recommendation.
Course ID: 173011



PLANT SCIENCE 3-4 12

***BEGINS 2023-24 SCHOOL YEAR**

In this capstone course, students will use the knowledge and skills gained in Plant Science 1-2 to produce and use horticultural plants. Topics include plant identification, fertilization, pest management, soils, and design. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Prerequisite: successful completion of PLANT SCIENCE 1-2
Course ID: 173061 / 173062

HONORS CAREER ACADEMY CAPSTONE 12

This class provides students the opportunity to connect what they learned in school with work site application. Students are placed in an occupation that best relates to their career interest and aptitude. The school and business community work together to plan activities that will enable each student to apply the knowledge, attitudes and skills learned in the classroom to actual business situations and positions.

Prerequisite: Teacher-coordinator approval and, successful completion/concurrent enrollment in corresponding courses
Course ID: 188831

NATURAL RESOURCES 11

This course will provide students an opportunity to increase awareness to a variety of topics related to natural resources and the careers associated within this area including application to an urban environment. Students will recognize and identify renewable natural resources while exploring the areas of trees, plants, fish, and wildlife species. Nonrenewable resources will be classified and examined to learn more about soil, land characteristics and water resources. The application of scientific principles to natural resource conservation and preservation as it relates to agriculture will be used. Students will understand how to manage natural resources and identify related laws and their purposes. Ecological plans will be designed using a variety of tools and technology.

Prerequisite: successful completion of Introduction to Agriculture, Food and Natural Resources
Course ID: 173041

NATURAL RESOURCES MANAGEMENT IN AG. 12

***BEGINS 2023-24 SCHOOL YEAR**

Students will increase awareness of the close ties among living organisms in this course, as well as natural and environmental concerns with the interrelationships of living organisms and the world around us. Students will closely examine agencies that regulate our natural resources, explore the relationship between agriculture and natural resources, and develop an understanding of sustainability and the importance of conservation. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs including a final capstone project.

Prerequisite: Successful completion of NATURAL RESOURCES IN AG.
Course ID: 173081 / 173082

URBAN AG FACT:
Bryan High's Urban Agriculture Academy was named a national model academy.



REQUIRED & ELECTIVE COURSES





ART 1-2 **9-12**

This course offers beginning art students a foundation in basic drawing skills, design elements and principles, and color theory as they create original art works in a variety of media. In addition to art production, students will use a variety of learning strategies including reading, analyzing and responding to develop a deeper understanding of art. Students will be examining important works of art from a variety of cultures and time periods, participating in critiques of art works, and discussing aesthetic issues.

Prerequisite: none
Course ID: 110211/110212



ART 3-4 **10-12**

This course offers an expansion of skills and knowledge of drawing and design concepts, and further exploration of techniques and media, including watercolor and/or acrylic painting. Students will explore aesthetic issues, examine and discuss historically important art works from a variety of cultures, using the language of art criticism. In addition to art production, students will use a variety of learning strategies including reading, analyzing and responding to develop a deeper understanding of art.

Prerequisite: successful completion of Art 1-2 with a C or better or teacher permission
Course ID: 110251/110252



ART 5-6 **11-12**

This third-year art course will continue to build on students' technical skills in drawing and painting, while also introducing the media of Print-making and Sculpture. Students are expected to have a set of basic knowledge and vocabulary of art concepts and be able to develop their own ideas into art. Personal expression and style will be explored through various assignments. Students will also build upon their art criticism skills and continue to study artwork from a variety of time periods and cultures.

Prerequisite: successful completion of Art 3-4
Course ID: 110291/110292

COMPUTER GRAPHICS 1-2 **9-12**

This course is an introduction to computer graphics design. Students will learn the elements and principles of design, in addition to layout skills and other applications of computer technology (flyers, poster and package design, drawing illustration). Students will be given a foundation in the business and commercial applications of computer graphics. Students will complete drawings on and off the computer.

Prerequisite: none
Course ID: 110561/110562

POTTERY 1-2 **9-12**

This course explores hand built pottery techniques in terms of form, function and cultural expression. A background in drawing, design and color is recommended. In addition to art production, students will use a variety of learning strategies including reading, analyzing and responding to develop a deeper understanding of art. Students will learn about pottery produced by artisans from various cultures and times, and use the critical process to evaluate their own work, as well as examples taken from art history. Students will get dirty while completing projects.

Prerequisite: none
Course ID: 110461/110462

POTTERY 3-4 **10-12**

This course will enable students to further develop hand building and wheel throwing skills, while they continue to study the development of pottery styles and techniques through history and in various cultures. Aesthetic issues related to form and function, the inherent expressive qualities of clay, and identifying good craftsmanship will be an ongoing part of the study. In addition to art production, students will use a variety of learning strategies including reading, analyzing and responding to develop a deeper understanding of ceramic art.

Prerequisite: successful completion of Beginning Pottery or Pottery 1-2 with a C or better or teacher permission
Course ID: 110471/110472

ART FACT:
Each year the art club partners with the Omaha Henry Doorly Zoo and hosts an art show to promote animal conservation.



POTTERY 5-6 **10-12**

This course is an advanced, individualized course providing selected students an opportunity to individualize projects, enhancing their style in the medium while further exploring the philosophical and historical aspects of clay art. Focus is on creating a series of clay pieces on a chosen theme, researching ceramic history or artists, keeping a pottery journal/sketchbook, becoming current with contemporary ceramic artists and styles, participating in workshops, and mixing glazes.

Prerequisite: successful completion of 3-4 or instructor permission
Course ID: 110681/110682

STUDIO ART 1-2 **12**

This course is designed for the serious art student who plans to take Advance Placement Art and/or art courses beyond high school. Students will work to develop technique, skill and personal style. Emphasis will be placed on building a body of work to be included in a portfolio. In addition to art production, students will use a variety of learning strategies including reading, analyzing and responding to develop a deeper understanding of art, aesthetics, art criticism and art history. This course can be taken concurrently with other upper level art courses with art faculty permission.

Prerequisite: successful completion of Art 1-2, Art 3-4 & 5-6 or instructor permission
Course ID: 110451/110452



ART FACT:
Art teachers Susan Kalicki, Traci Long, and Rebekah Pilypaitis all participate in community art projects.



BUSINESS



ACCOUNTING 1-2 11-12 H. ACCOUNTING 1-2

This two-semester course covers sole proprietorship accounting principles involved in the preparation and maintenance of financial records concerned with business management and operations. It is a comprehensive introduction to basic accounting including recording, summarizing and reporting, principles of income measurement and asset valuation, and accounting systems and controls. Students are exposed to careers in the accounting field and are given the opportunity to perform accounting applications using the computer. An introduction to partnerships and corporations may be included.

Prerequisite: none
Course ID: 120171/120172 ; 120211/120212



ACCOUNTING 3-4 12 H. ACCOUNTING 3-4

This is a two-semester course that includes partnership and corporate accounting, adjustment in inventory control systems, budgetary control systems, and further enhancement of accounting skills.

Prerequisite: successful completion of Accounting 1-2
Course ID: 120181/120182; 120201/120202



BUSINESS

FACT:

At the 2019 DECA State Competition two of our DECA project teams placed 1st in the state for their promotional plans, while another team placed second.

BUSINESS & 11-12 CONSUMER LAW 1-2

A course designed to present the study of the legal rights and responsibilities necessary to be informed and productive citizens. Key concepts include contracts and torts, the role of courts, litigation, and constitutional issues including civil and criminal law.

Prerequisite: none
Course ID: 120391/120392

ENTREPRENEURSHIP 11-12

Entrepreneurship is a course designed for students with a career interest in entrepreneurship. Emphasis is placed on the evaluation of the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. The role of entrepreneurial businesses in the United States and the impact on the national and global economy will be explored. Instructional strategies may include the development of a business plan, operation of school-based business, or actual creation of a student-run business.

Prerequisite: interest in being self-employed
Course ID: 120401



INFO. TECHNOLOGY APPLICATIONS 1-2

Students will explore emerging technologies as it applies to their success for high school, college, and career. The focus will be on the importance of digital citizenship, professional communication practices, advanced document processing, professional presentations, and intermediate spreadsheet applications uses personally and professionally.

Prerequisite: none
Course ID: 130951/130952

HONORS INTRODUCTION TO BUSINESS (COLLEGE LEVEL- MCC DUAL ENROLLMENT)

This college-level course surveys the structure and functions of the American business system in a global society, together with an overview of business organization, economics, management, marketing, and finance. This course may be available for articulated or dual credit at a postsecondary institution.

Prerequisite: instructor approval
Course ID: 121051

MARKETING 1-2 H. MARKETING 1-2

Students will explore the basic functions of marketing: pricing, promotion, product planning, and place/distribution: the marketing mix. The curriculum provides the foundational skills and knowledge in economics, communications skills/interpersonal skills, professional career development, business, management, and entrepreneurship. Capstone activities include developing a product and a sales presentation. Application of academic concepts and technology are integrated throughout the curriculum.

Prerequisite: none
Course ID: 120471/120472; 120501 / 120502

9-12 HONORS MARKETING 3-4 12

The course will emphasize entrepreneurial development and responsive marketing strategies that meet customer needs. The course focuses on marketing concepts and the role of marketing in the organization and society. Topics include market segmentation, product development, promotion, and pricing. Additional topics include external environment, economics, politics, government, marketing research, international marketing, cultural diversity, ethics, technology, and careers in marketing. Capstone activities include development of a marketing or business plan.

Prerequisite: successful completion of Marketing 1-2 with a "C" or better or with instructor approval and concurrent enrollment in Marketing Internship
Course ID: 120511/120512

MARKETING INTERNSHIP 12

The internship program provides 12th grade students with an individual career experience in the community. The internship is a supplement to formal classroom instruction. Students plan their internship experience with a teacher-coordinator and participate in a paid or unpaid occupational experience.

Prerequisite: concurrent enrollment in Honors Marketing 3-4; approved by teacher or coordinator
Course ID: 188701/188702

AP COMPUTER SCIENCE PRINCIPLES 10-11

Computer science Principles introduces students to the foundations of computer science with a focus on how computing powers the world. Along with the fundamentals of computing, students will learn to analyze data, create technology that has a practical impact, and gain a broader understanding how computer science impacts people and society. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Prerequisite: passed Algebra 3-4 or teacher recommendation
Course ID: 131311/131312



BUSINESS FACT:
Sixty-three business students received Microsoft Office Certifications in 2020.



BUSINESS



PERSONAL FINANCE 12

The goal of personal finance is to help students become financially responsible, conscientious members of society. This course develops student understanding and skills in money management; budgeting; financial goal attainment; use of credit; insurance; investments; and consumer rights and responsibilities. Application of academic concepts, technology, and career planning are integrated throughout the curriculum.

Prerequisite: none
Course ID: 120981



H. PERSONAL FINANCE 12 (COLLEGE LEVEL- MCC DUAL ENROLLMENT)

The goal of personal finance is to help students become financially responsible, conscientious members of society. This course develops student understanding and skills in money management; budgeting; financial goal attainment; use of credit; insurance; investments; and consumer rights and responsibilities. Application of academic concepts, technology, and career planning are integrated throughout the curriculum. An Honors Personal Finance course has been created to provide a dual enrollment opportunity with Metropolitan Community College. The "Honors" designation for this course represents the college-level rigor involved in this course. Student enrolled in the Honors Personal Finance course are expected to register for the dual enrollment option and will have their grades weighted.

Prerequisite: none
Course ID: 1120971



BUSINESS

FACT:

Students in business or marketing courses may join DECA or FBLA to help prepare them even more for careers in business.

PRINCIPLES OF BUSINESS, 9-12 MARKETING & MANAGEMENT

H. PRINCIPLES OF BUSINESS, MARKETING & MANAGEMENT

This course is designed as an introductory overview of the Business, Marketing, and Management Career Field. Units of study include economic systems, forms of business ownership, management, marketing, and accounting. Career opportunities will also be explored.

Prerequisite: none
Course ID: 120021/120022; 120041/120042

WEB DESIGN 1-2 10-12 (COLLEGE LEVEL- MCC DUAL ENROLLMENT)

Students will demonstrate knowledge of web design and languages, including Hyper Text Markup Language (HTML) and Cascading Style Sheets (CSS) to create a content rich and visually pleasing website that captures and keeps visitors' interests. Focus will be given to effective page layout, image creation and manipulation, interactivity, content creation, and project management. Dual enrollment option available.

Prerequisite: Information Technology Applications 1-2 or Information Technology Fundamentals 1-2
Course ID: 130281/130282



DRAMA 1-2

This course provides an introduction to drama and theater as an art form. Students enrolled in this course will learn and apply basic principles of acting and fundamentals of stage terminology and audience etiquette. Participants will study, experience and perform pantomime, improvisation, monologues, original scenes, and creating, writing and performing original scripts/plays. Students will also study the technical aspects of theater and an introduction to theater history. Students are required to attend at least one Bryan High School play and/or musical production per semester. Honors credit is available for this course.

Prerequisite: none
Course ID: 020631/020632

HONORS DRAMA 3-4 10-12

This course is a continued in-depth study and application of acting principles and techniques, drama terminology, and special topics in drama/theater: the actor, playwright, director, dramatic structure, dramatic genre and style. Students will perform monologues, scripted scenes and various other performance pieces that will develop acting skills and methods. In addition, students will learn and apply the fundamentals of directing, playwriting and theatre history in their acting work. Students are required to attend and critique all school play and musical productions and one other live stage production per semester. Honor credit is available for this course.

Prerequisite: average "C" or above in Drama 1-2 (or middle school equivalent) and teacher permission
Course ID: 021731/021732

HONORS DRAMA 5-6 10-12

Course description is similar to Honors Advanced Drama 3-4. Students will assume additional responsibilities and assignments.

Prerequisite: Successful completion of Drama 1-2 and H. Drama 3-4
Course ID: 021831/021832

9-12 STAGECRAFT 1-2

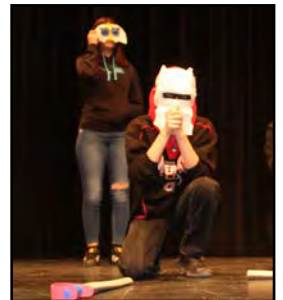
This course focuses on providing students with an understanding of technical theater, including theater safety, parts of a theater, theatrical rigging systems, the safe use of tools, basic set construction, introduction to set design, introduction to theatrical lighting and sound, stage management, and the use of other theatrical equipment. In addition, students will be introduced to theatrical costumes, properties, and theatrical makeup and the role each plays within a production. Students are required to attend and critique all school play and musical productions. Honors credit is available for this course.

Prerequisite: Average C or above in Drama 1-2 or Industrial Tech (or middle school equivalent) and teacher permission. Strong interest in the "behind the scenes" working of a theatrical production is a must. Some experience in building/construction is good, but not necessary. This course may be repeated.
Course ID: 020681/020682

HONORS STAGECRAFT 1-2 10-12

Course description is similar to Stagecraft 1-2. Students will assume additional responsibilities and assignments.

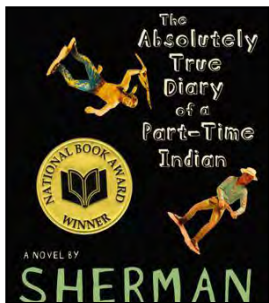
Prerequisite: Average C or above in Drama 1-2 or Industrial Tech (or middle school equivalent) and teacher permission. Strong interest in the "behind the scenes" working of a theatrical production is a must. Some experience in building/construction is good, but not necessary. This course may be repeated.
Course ID: 021691/021692



DRAMA FACT:
Drama students help design costumes, sets and props for all of the extra curricular shows.



ENGLISH



ACADEMIC LITERACY 9-12

This course helps students develop skills and knowledge to improve their engagement, fluency, and comprehension of content-area materials and texts. Students will learn to understand and regulate their own reading processes while developing strategies for overcoming reading obstacles.

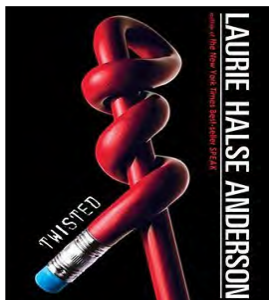
Prerequisite: placement is based on standardized test scores and teacher recommendation
Course ID: 011011/011012



ACT TEST PREP 11-12

This course is designed for college-bound students to help prepare them for college entrance exams, i.e. ACT, SAT, PSAT. Emphasis will be on vocabulary, literacy skills, writing skills and grammar. Math and science will also be covered.

Prerequisite: successful completion of English 3-4
Course ID: 020751



CREATIVE WRITING 10-12

This course is the first semester offering of the elective course, Creative Writing 1-2. This course allows students to develop their writing talents through experiencing activities which focus on the writing of literary and informational works, including the writing of the short story, poetry, the essay, drama, and other forms of writing as assigned.

Prerequisite: successful completion of English 1-2
Course ID: 020351/ 020352

ENGLISH 1-2 9

This course focuses on the language arts skills of reading, writing, speaking and listening. Students will use a variety of unique conceptual lenses (choices and consequences, heroes, life experiences and relationships, identity) to gain command of essential skills in written and oral communication and the reading of narrative and informational text. Students will produce a variety of writing samples in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative, and technical.

Prerequisite: none
Course ID: 010341/010342

HONORS ENGLISH 1-2 9

This course provides a more rigorous and intensive study of the language arts skills of reading, writing, speaking and listening as described in English 1-2. Students will read a variety of narrative and informational texts and produce writing pieces in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative and technical. Additional course work is required above and beyond the regular English 1-2 course.

Prerequisite: Any one of the following: Grade of "A" in English Language Arts-8 1 and 2, Grade of "B" or higher in Honors English Language Arts-8 1 and 2, MAP Reading score at or above a score determined by District English Language Arts Supervisor
Course ID: 010351/010352

ENGLISH 3-4 10

This course focuses on the language arts skills of reading, writing, speaking and listening. Students will use a variety of unique conceptual lenses (relationships, culture, responsibility, integrity and honor) to gain command of essential skills in written and oral communication and the reading of narrative and informational text. Students will produce a variety of writing samples in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative, and technical.

Prerequisite: none
Course ID: 010411/010412

HONORS ENGLISH 3-4 10

This course provides a more rigorous and intensive study of the language arts skills of reading, writing, speaking and listening as described in English 3-4. Students will read a variety of narrative and informational texts and produce writing pieces in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative, and technical. Additional course work is required above and beyond the regular English 1-2 course.

Prerequisite: proficient completion of H. English 1-2 or grade of "A" in English 1-2
Course ID: 010421/010422

ENGLISH FACT:
William Shakespeare invented or adapted over 1,700 English words for his writing that we still use today.



ENGLISH 5-6

11

This course focuses on the language arts skills of reading, writing, speaking and listening through a study of American literature. Students will use a variety of unique conceptual lenses (freedom, struggle and persecution, movements and justice, American dreams and disillusionment) to gain command of essential skills in written and oral communication and the reading of narrative and informational text. Students will produce a variety of writing samples in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative, and technical.

Prerequisite: none
Course ID: 010471/010472

ENGLISH 7-8

12

This course focuses on the language arts skills of reading, writing, speaking and listening through a study of British and global literature. Students will use a variety of unique conceptual lenses (heroes/leaders, good/evil, human fallibility, global, power, and governance) to gain command of essential skills in written and oral communication and the reading of narrative and informational text. Students will produce a variety of writing samples in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative, and technical.

Prerequisite: none
Course ID: 010531/010532

ENGLISH REVIEW

11-12

This course, one semester in length (presented both semesters), allows a student the one-time opportunity to remove an English credit deficiency for English 1-8. The course addresses all reading, writing, speaking and listening standards. Five formal compositions are required.

Prerequisite: English credit replacement, this course may not be repeated
Course ID: 011171

AP ENGLISH LANGUAGE & COMPOSITION 1-2

11

AP Language and Composition is an AP course designed to engage students in the careful reading and critical analysis of, primarily, non-fiction works. The focus is American literature, poetry, and non-fiction. Through the close reading and use of other AP learning strategies, students will deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. This course follows the College Board curriculum and involves extensive reading and writing. Course participants will be prepared, but not required, to take the Advanced Placement exam to earn college credit.

Prerequisite: teacher recommendation or proficient completion of all English classes.
Course ID: 011911/011912

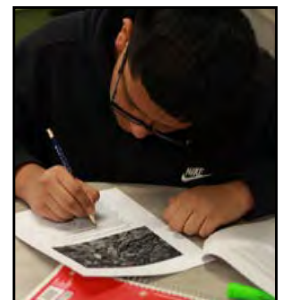
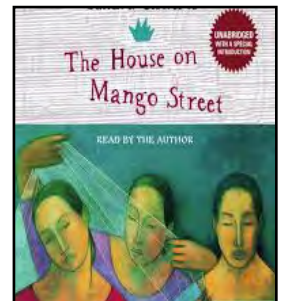
AP ENGLISH LITERATURE & COMPOSITION

12

AP English Literature and Composition engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. This course follows the College Board curriculum and involves extensive reading and writing. Course participants will be prepared, but not required, to take the Advanced Placement test to earn college credit.

Prerequisite: teacher recommendation or proficient completion of all English classes.
Course ID: 011901/011902

Students in AP classes who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.



ENGLISH FACT:
Over 60% of Bryan High English teachers hold at least one Master's Degree or are currently working on one.



ENGLISH



LATINO LITERATURE 10-12

In this one-semester course, students will read poetry, short stories, essays, and full length works of fiction and non-fiction drawn from our rich and varied Latino literacy traditions. Students will also explore their own personal narratives through writing.

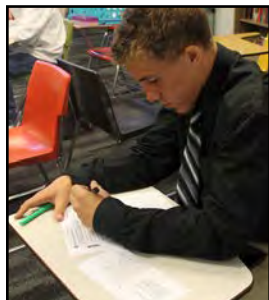
Prerequisite: Successful completion of English 1-2
Course ID: 010381



LITERACY SKILLS 9-12

Students in this course will improve reading proficiency with explicit, direct instruction in fluency, vocabulary, and comprehension. Strategies for phonemic awareness and phonics will be taught as needed. Students will read leveled, high interest literature for both academic and recreational purposes.

Prerequisite: Placement is based on standardized test scores and teacher recommendation
Course ID: 011181/01182



POETRY STUDY 10-12

Students who enjoy both reading and writing poetry will gain a deeper understanding of poetry from the classics to contemporary examples of various forms.

Prerequisite: none
Course ID: 010011

SPEECH 1 10-12

This course focuses on acquainting students with the communication process and on developing and improving students' public speaking skills and their oral interpretation skills. Instruction focuses on the teaching of the fundamentals of speech and requires students to perform various speaking activities.

Prerequisite: English 1-2
Course ID: 020511

WRITING SKILLS 11-12

This course, one semester in length (presented both semesters), allows a student the one-time opportunity to remove an English credit deficiency for English 1-8. This course has a specific composition improvement purpose. The writing process, emphasizing student responsibility for completing a quality writing product, is the focus of this class.

Prerequisite: English credit replacement, this course may not be repeated
Course ID: 010771

ENGLISH FACT:

The literature program at Bryan High is blended with the study of history, geography, economics, psychology, art, music, sociology, and culture.

INTRO TO SPEECH & DEBATE 9-12

Intro to Speech and Debate introduces students to the art of speaking, oral interpretation, and persuasive and debate skills to broaden their oral communication skills. Students will explore and analyze historical and award-winning speeches, event analysis and rule interpretations, topic selection, elements of persuasion, and preparation for several in-class debates and speeches.

Prerequisite: none
Course ID: 021541-021542



ENGLISH 1-2 ELL

9-12

This course offers the English 1-2 curriculum with enhanced vocabulary focus and cultural orientation for ELL students.

Prerequisite: teacher recommendation or appropriate placement in the ESL program as determined by the LAS test

Course ID: 010371/010372

US HISTORY 1-2 ELL

9-12

Course Description/Narrative: This course is restricted for ESL students who are concurrently enrolled in ESL 3-4. A special focus on language development is provided, but content and standards are the U.S. History standards. This course continues the study of United States history from 1900 to present. Students address the social, economic, and political development of the nation and relate it to both past and present. Instruction is organized around the themes of geography, history, economics, and civics. Students investigate the key people, events, and ideas of the United States through primary and secondary sources, multiple perspectives, and the inquiry process.

Prerequisite: teacher recommendation or appropriate placement in the ESL program as determined by the LAS test

Course ID: 031331/031332

ESL 1-2 READING

9-12

This course is an advanced, individualized This course is designed for beginning ESL students. The focus will be on recognizing basic sight words, using context clues, and prior knowledge to derive word meaning, identifying the main idea, summarization of reading passages, and dictionary usage.

Prerequisite: teacher recommendation
Course ID: 155211/155212

ESL 1-2

9-12

This course is intended for beginning proficiency level English learners (typically a first-year English learners with formal educational experiences). It is worth 2 credits due to double seat time. It focuses on increasing ELs' academic English skills in the areas of speaking, listening, reading, and writing to an early-intermediate level as measured by the ELP Achievement Level Descriptors. The language and literacy integrated curriculum provides students with a balanced approach to learning English through applying comprehension skills to study authentic literature, informational texts, foundational literacy skills, academic vocabulary development, and academic writing with contextualized grammar. Special attention will be given to develop ELs' oral language through integration of academic conversations. The curriculum for ESL classes is aligned to the English Language Proficiency standards and is in support of academic language development required for the core content-area standards' mastery.

Prerequisite: teacher recommendation

Course ID: 155111/155112

ESL 3-4

9-12

This course is intended for intermediate proficiency level English learners (typically a second-year English learners with formal educational experiences). It is worth 2 credits due to double seat time. The focus of the course will be to increase ELs' academic English skills in the areas of speaking, listening, reading, and writing to an intermediate level as measured by the ELP Achievement Level Descriptors. The language and literacy integrated curriculum will focus on strengthening comprehension and interaction with complex text through utilization of high-yield comprehension strategies, academic conversations, academic vocabulary and writing and grammar skills required to produce academic writing. The curriculum for ESL classes is aligned to the English Language Proficiency standards and is in support of academic language development required for the core content-area standards' mastery.

Prerequisite: successful completion of learning goals from ESL 1-2 or demonstration of equivalent skills is required for registration in this course
Course ID: 155131/155132



E.L.L. FACT:
In 2019, 23% of the Buffett scholarships from Bryan were ELL College Club students



E.S.L.



ESL 3-4 READING 9-12

This course is designed for intermediate ESL students to improve reading skills. Emphasis is on developing fluency, summarizing and sequencing events in a reading passage, recognizing cause and effect, and using systematic strategies to locate information from textbooks, charts, graphs, and tables.

Prerequisite: successful completion of learning goals from ESL Reading 1-2 or demonstration of equivalent skills is required for registration in this course
Course ID: 155231/155232



SCIENCE 9-12 FOUNDATIONS 3-4

Science Foundations 3-4 is a course designed to expose students to natural, environmental, and life sciences. Topics include weather and water cycles, plant studies, environmental changes, and human body systems. This course provides a foundation for other science courses. This elective science course is intended for beginning proficiency level English learners (typically a first-year English learners with formal educational experiences).

Prerequisite: teacher recommendation
Course ID: 063141/063142



ESL SOCIAL STUDIES 9-12 FOUNDATION 1-2

This ESL course is intended for beginning proficiency level English learners (typically a first-year English learners with formal educational experiences) and supports literacy and English language acquisition. This course explores the life of our country during the time period between Independence to 1900. Instruction is organized around the themes of geography, history, economics, and civics. Students investigate the key people, events, and ideas of the United States through primary and secondary sources, multiple perspectives, and the inquiry process. The curriculum for ESL classes is aligned to the English Language Proficiency standards and is in support of academic language development required for mastery of HS US History course standards and curriculum.

Prerequisite: teacher recommendation
Course ID: 159411/159412

ACADEMIC LANGUAGE 9-12 STUDY EL

This year-long course is designed to boost academic language development of Long Term English Learners (LTELs). This course will focus on teaching high-leverage academic language, including vocabulary, syntax, and complex grammatical structures. Through the coursework, LTELs will engage in academic conversations and peer collaboration while reading authentic, increasingly complex information and literacy texts that are relevant to students' lives. The course curriculum will also aim to develop LTELs' academic writing skills to successfully write summaries, opinions, informative texts, and research papers. The course will provide LTELs with opportunities to make regular connections between coursework and the demands of college and the workplace.

Prerequisite: follow long-term ELs scheduling recommendations
Course ID: 157101/157102

E.L. FACT:
Over 20 different languages are spoken at Bryan. This makes it one of the most diverse schools in OPS.



FAMILY & CONSUMER SCIENCE

HONORS CHILD DEVELOPMENT 1-2

(COLLEGE LEVEL- MCC DUAL ENROLLMENT)

This honors course introduces the challenges and responsibilities of guiding the physical, emotional, social and intellectual development of children. This course is aligned with a dual credit opportunity and is a required course for the Early Childhood Career Pathway.

Prerequisite: Introduction to Child Development 1-2
Course ID: 140731/140732

HONORS CHILD DEVELOPMENT 3-4

(COLLEGE LEVEL- MCC DUAL ENROLLMENT)

This honors course prepares students for the challenges and responsibilities of guiding the physical, emotional, social and intellectual development of children and for employment in the childcare field. This course is aligned with a dual credit opportunity and is a required course for the Early Childhood Career Pathway.

Prerequisite: "C" or better in Honors Child Development 1-2
Course ID: 140741/140742

INTRODUCTION TO CHILD DEVELOPMENT 1-2

This course will provide students with knowledge and skills necessary for working with children as parents or caregivers. Topics of study will include parenting readiness, guidance, family differences, prenatal development, the birth process, and early childhood developmental stages.

Prerequisite: none
Course ID: 140721 / 140722

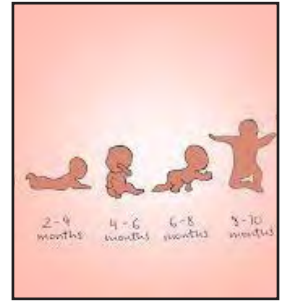
10-12

HUMAN GROWTH & DEVELOPMENT

This course helps senior high students acquire responsible decision-making skills related to wellness, communication skills, healthy relationships, preventing abuse, chemical usage, sexuality, prenatal care, etc. All senior high school students are required to enroll in the Human Growth and Development course, but a parent/guardian may choose to opt out his/her student.

Prerequisite: none
Course ID: 070931

10



FCS FACT:
Playing is the most effective way for children to learn life skills and find out what they like.



JOURNALISM

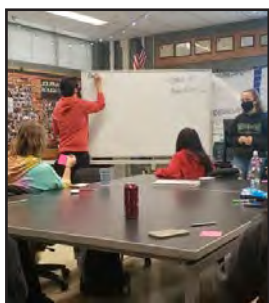


DIGITAL JOURNALISM 9-11

Digital Journalism focuses on a variety of media platforms for the 21st century, placing emphasis on the laws and ethics of both online and video journalism which include the development of skills in online newspaper and web design, podcasts, news broadcasting and social media. Students will understand digital citizenship is in addition to acquiring skills that help to prepare them for advanced journalism courses.

Prerequisite: Students are encouraged to have a strong interest in writing, videography and video editing. Student must take Photojournalism opposite semester of this course

Course ID: 020451



PHOTOJOURNALISM 9-11

In addition to learning to create written pieces through the development of photographs, this course includes DSLR camera operation, lighting, composition, photo editing techniques for print or computer-mediated publication applications. Emphasis is placed on using the camera as a reporting tool in conjunction with design to publish their work. Legal and ethical issues involving photojournalism will also be addressed.

Prerequisite: Students are encouraged to have a strong interest in writing, photography and photo editing. Student must take Digital Journalism opposite semester of this course

Course ID: 020841



JOURNALISM

FACT:

The Crusader Yearbook won 2nd place at the NSAA State Journalism Championships for theme development for their 2020 yearbook.

JOURNALISM 1-2 9-11

HONORS JOURNALISM 1-2

This course introduces students to the entire field of journalism. Students will learn law and ethics; various modes of journalistic writing, reporting, and interviewing; and newspaper/yearbook layout and design. They will also learn basics of photography, digital citizenship, and online media. Students are expected to work individually and collaboratively. It prepares students for any of the honors publication classes such as yearbook, newspaper, and digital journalism. Honors students will also work on an ongoing portfolio project that they will be expected to work on outside of the class.

Prerequisite: Students must have earned a "C" or higher in previous English/Language Arts

Course ID: 020411-020412; 020531-020532

HONORS DIGITAL 10-12

JOURNALISM 3-4

Students enrolled in this course are responsible for the production of the online school newspaper website and student journalism social media. Students work individually and collaboratively.

Prerequisites: Successful completion of a "C" or higher in either Journalism 1-2, Honors Journalism 1-2, or both Photojournalism and Digital Journalism. It also requires Journalism Adviser permission.

Course ID: 022451-022452

HONORS DIGITAL 11-12

JOURNALISM 5-6

Course description is similar to H. Newspaper 3-4. Students will assume additional responsibilities and assignments. This course is for second year digital journalism students.

Prerequisites: Successful completion of a "C" or higher in Honors Digital Journalism 3-4 AND requires Journalism Adviser Permission.

Course ID: 022551-022552

HONORS DIGITAL 12

JOURNALISM 7-8

Course description is similar to H. Newspaper 5-6. Students will assume additional responsibilities and assignments. This course is for third year digital journalism students.

Prerequisites: Successful completion of a "C" or higher in Honors Digital Journalism 5-6 AND requires Journalism Adviser Permission.

Course ID: 022651-022652



H. NEWSPAPER 1-2 10-12

Students enrolled in this course will be responsible for the print and/or online production of the school newspaper. Students will work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, and layout design skills are emphasized.

Prerequisites: Successful completion of a "C" or higher in either Journalism 1-2, Honors Journalism 1-2, or both Photojournalism and Digital Journalism. It also requires Journalism Adviser permission.
Course ID: 021171-021172

H. NEWSPAPER 3-4 11-12

Course description is similar to H. Newspaper 1-2. Students will assume additional responsibilities and assignments. This course is for second year newspaper students.

Prerequisites: Successful completion of a "C" or higher in Honors Newspaper 1-2 AND requires Journalism Adviser Permission.
Course ID: 021181-021182

H. NEWSPAPER 5-6 12

Course description is similar to H. Newspaper 1-2 and H. Newspaper 3-4. Students will assume additional responsibilities and assignments. This course is for third year newspaper students.

Prerequisites: Successful completion of a "C" or higher in Honors Newspaper 3-4 AND requires Journalism Adviser Permission.
Course ID: 021191-021192

H. YEARBOOK 1-2 10-12

Students enrolled in this course are responsible for the production of the school yearbook. Students work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, and layout design skills are required.

Prerequisites: Successful completion of a "C" or higher in either Journalism 1-2, Honors Journalism 1-2, or both Photojournalism and Digital Journalism. It also requires Journalism Adviser permission.
Course ID: 021231-021232

H. YEARBOOK 3-4 11-12

Course description is similar to H. Yearbook 1-2. Students will assume additional responsibilities and assignments. This course is for second year yearbook students.

Prerequisites: Successful completion of a "C" or higher in Honors Yearbook 1-2 AND requires Journalism Adviser Permission.
Course ID: 021331-021332

H. YEARBOOK 5-6 12

Course description is similar to H. Yearbook 1-2 and H. Yearbook 3-4. Students will assume additional responsibilities and assignments. This course is for third year yearbook students.

Prerequisites: Successful completion of a "C" or higher in Honors Yearbook 3-4 AND requires Journalism Adviser Permission.
Course ID:021431-021432

EDITORIAL LEADERSHIP 11-12

Course description is similar to H. Yearbook 1-2 and H. Yearbook 3-4. Students will assume additional responsibilities and assignments. This course is for third year yearbook students.

Prerequisites: Successful completion of a "C" or higher in previous Honors Yearbook, Honors Newspaper, or H. Digital Journalism AND requires Journalism Adviser Permission. Exceptions may be made for H. Yearbook 1-2, H. Newspaper 1-2, and H. Digital Journalism 3-4 students who have been moved to an editorial leadership position.
Permission. Course ID:022751-022752



JOURNALISM FACT:
The student newspaper, The Orator has won 5 Best in Show awards at Nationals in the past 7 years.



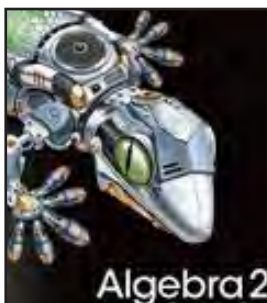
MATHEMATICS



ALGEBRA 1-2 10-12

This course is a first-year algebra survey. It covers traditional algebra topics including a study of the four basic operations dealing with signed numbers and polynomials, solution of first and second degree equations, verbal problems, systems of linear equations graphing and writing linear equations and inequalities, and simplifying exponential expressions.

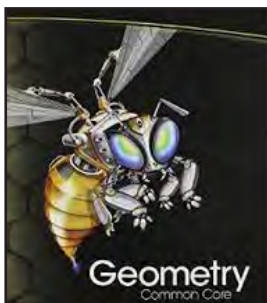
Prerequisite: passed Pre Algebra
Course ID: 040271/040272



ALGEBRA 3-4 10-12

This course covers the topics of a traditional second-year algebra course. Content includes solving polynomial equations as well as linear, absolute value, and quadratic equations and inequalities, and working with exponents and logarithms, complex numbers, systems of equations and inequalities, and simple probability. Appropriate technology will be used to assist in instruction and learning.

Prerequisite: passed Algebra 1-2
Course ID: 040291/040292



HONORS ALGEBRA 3-4 9-12

This course is the honors section of Algebra 3-4. The content includes solving polynomial, linear, absolute value, and quadratic equations and inequalities, and working with exponents and logarithms, complex numbers, systems of equations and inequalities, and simple probability, as well as these additional topics: matrix algebra, rational functions, and compound and conditional probabilities. Technology will be used to assist in instruction and learning.

Prerequisite: Any one of the following: Grade of "A" in Algebra 1 and 2 or Geometry 1 and 2, Grade of "B" or higher in Honors Algebra 1 and 2 or Honors Geometry 1 and 2, MAP Math score at or above a score determined by District Math Supervisor
Course ID: 040301/040302

COLLEGE ALGEBRA 1-2 11-12

In this course students learn math skills required for further mathematics courses. Topics include: functions and their inverses; polynomial, radical, exponential and rational expressions and equations; graphing functions using transformations. Topics in probability and statistics are also addressed.

Prerequisite: passed Algebra 1-2, Geometry 1-2 and Algebra 3-4
Course ID: 049701/049702

DATA AND STATISTICS 1-2 11-12

This course is designed to equip students with the mathematical, statistical, and computational skills to explore life situations. Students will engage with data and statistics in order to be able to determine correlations, make sound predictions, and develop conclusions.

Prerequisite: passed Algebra 1-2 and Geometry 1-2
Course ID: 049601/049602

GEOMETRY 1-2 10-12

This course is a complete study of geometry. Topics include congruence and similarity of figures, parallelism and perpendicularity, right triangle relationships, formal and informal proof, coordinate geometry, properties of polygons and circles, and perimeter, area and volume of two- and three- dimensional figures.

Prerequisite: passed Algebra 1-2
Course ID: 040351/040352

MATH FACT:
Students who take algebra and geometry go on to college at much higher rates than those who do not (83% vs. 36%).



HONORS GEOMETRY 1-2 9-10

This course is the honors section of Geometry 1-2. Topics include congruence and similarity of figures, parallelism and perpendicularity, right triangle relationships, formal and informal proof, coordinate geometry, properties of polygons and circle, and perimeter, area, and volume of two-and three-dimensional figures. As an honors class, each topic will be covered in greater depth and with enrichment.

Prerequisite: Any one of the following: Grade of "A" in Algebra 1 and 2, Grade of "B" or higher in Honors Algebra 1 and 2, MAP Math Score at or above a score determined by District Math Supervisor
Course ID: 040361/040362

AP CALCULUS AB 11-12 (COLLEGE LEVEL- UNO DUAL ENROLLMENT)

This course follows the College Board's Advanced Placement Calculus AB syllabus which stresses the concept of limit and introduces the student to differential and integral calculus including techniques and theorems. AP Calculus AB is designed to be equivalent to a first-year college introductory calculus course.

Prerequisite: Teacher recommendation or proficient completion of H. Pre-Calculus/ Trigonometry
Course ID: 040451/040452

HONORS PRE-CALCULUS 11-12 /TRIGONOMETRY 1-2

This course is the honors section of Pre-calculus/trigonometry. This course includes topics of mathematics that are necessary for the successful study of calculus. Topics include polar coordinates, right triangle trigonometry, circular functions, logarithms, and graphs of rational and polynomial relations and functions. 9th grade students should follow other grade level prerequisites. Note: 9th graders in Honors Pre-CalcTrig 1-2 as 9th graders have been on a unique accelerated path since 6th grade or earlier.

Prerequisite: students enrolling in this course should have successfully completed both semesters of Honors Algebra 3- 4 with proficient or advanced grades
Course ID: 040411/040412

MCC BUSINESS MATH 1220 1-2 12

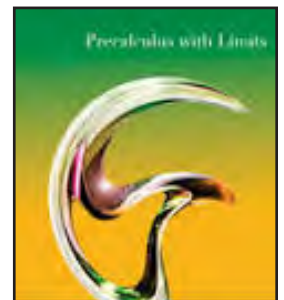
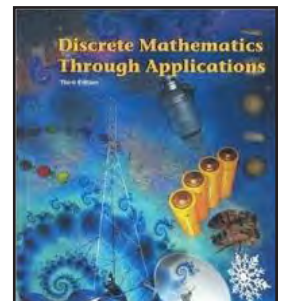
This course is directed toward the development and application of the mathematical skills needed to solve problems related to business occupations. Topics include percentages, checking accounts and services, payroll, payroll taxes, cash and trade discounts, property and sales taxes, simple and compound interest, installment purchases, loan payment plans, and annuities. Instruction and assessments are delivered electronically with the support of a classroom teacher. This course has a dual enrollment component that satisfies the math requirement for many MCC associate degree programs.

Prerequisite: Passed Algebra 1-2 and Geometry 1-2
Course ID: 049501/049502

MCC TECHNICAL MATH 1240 1-2 12

This course is directed toward the development and application of the mathematical skills needed to solve problems related to career and technical fields. Students apply ratios and proportions, measurement concepts, algebraic operations, geometrical relationships and right triangle trigonometry to problem solve technical applications. Instruction and assessments are delivered electronically with the support of a classroom teacher. This course has a dual enrollment component that satisfies the math requirement for many MCC associate degree programs.

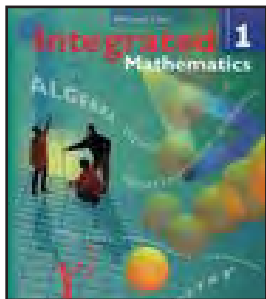
Prerequisite: Passed Algebra 1-2 and Geometry 1-2
Course ID: 049511/049512



MATH FACT:
It is recommended that students who plan to attend a four year college, take four years of math in high school.



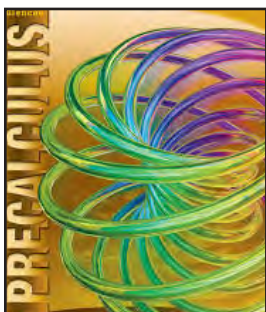
MATHEMATICS



AP CALCULUS BC 1-2 12

This course follows the College Board's Advanced Placement syllabus for Calculus BC, which includes functions, graphs, limits, derivatives, integrals, polynomial approximations, and series. Students enrolling in this course should have proficient or advanced grades in both semesters of Honors Pre-calculus/Trigonometry, or teacher recommendations. This is the first semester of a year-long course. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

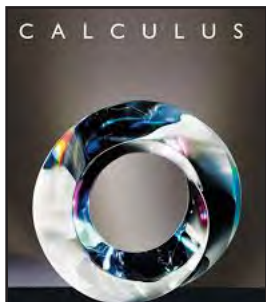
Prerequisite: Passed AP Calc AB
Course ID: 040461/040462



AP STATISTICS 1-2 11-12

This course in statistics follows the College Board's Statistics syllabus. This statistics class will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data, Planning a Study, Anticipating Patterns, and Statistical Inference. It is for students who wish to complete studies equivalent to a one-semester, introductory, non-calculus based college course in statistics. It is an alternative to AP Calculus AB or may be taken concurrently.

Prerequisite: teacher recommendation or proficient completion of H. Pre-Calculus/Trigonometry
Course ID: 040841/040842



MATH FACT:
Having a solid background in math is very much like understanding a useful, universal language.

Students in AP classes who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.



JROTC 1-2 LEADERSHIP 9-12 EDUCATION AND TRAINING (LET 1)

The JROTC program is designed to help develop strong leaders and model citizens. First year Cadets will be introduced to JROTC Foundations the mission of the program and how it helps prepare you for personal success and active citizenship. Personal Growth and Behaviors focuses on your behavioral preferences, interpersonal skills and strategies to help build your personal success in the classroom, the JROTC program, and your community. Team Building introduces you to the discipline and structure of military drill. Your individual role responding to commands and moving with precision is essential when participating in drill exercises at future competitions or community events. Decision Making introduces you to a process and system for addressing goals and handling conflict, both internal and with others. Health and Fitness looks at stress and its effect on your health. Physical fitness is one effective strategy for maintaining health and is an essential component of the JROTC program. Service Learning you will learn the features and benefits of service learning for your community, yourself, and your program. This course is also a substitute course for physical education.

Prerequisite: none

Course ID: 070811 / 070812

Notes: ALL enrolled cadets are required to wear the Army Junior ROTC uniform at least once a week, during the school day, or, as specified by the Senior Army Instructor.

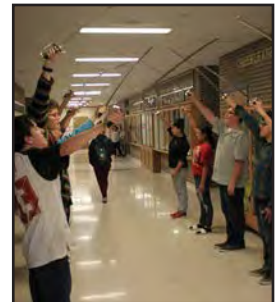
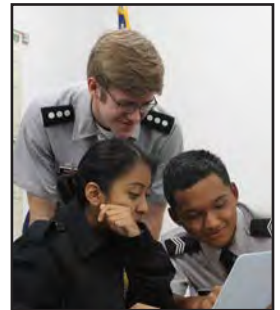
All cadets are required to participate in the Junior ROTC physical fitness program and other activities. This course counts as a physical education credit.

JROTC 3-4 LEADERSHIP 10-12 EDUCATION AND TRAINING (LET 2)

The JROTC program is designed to help develop strong leaders and model citizens. As a second-year Cadet you'll continue to build on LET I knowledge and skills and find yourself being introduced to new content that will help you develop as a leader in the program, your school, and community. The new knowledge, skills, and abilities you will acquire your second year: Leadership introduces you to the elements, attributes, competencies and styles that leaders strive to use and develop within teams. You will learn to recognize the importance of leadership in setting goals and improving results. Personal Growth and Behaviors will continue to build on LET 1 competencies, while focusing on who you are and what you stand for. You'll work on strengthening communication skills essential in all walks of life. Team Building continues to build on drill and ceremony protocol. In LET 2, you will look at the attributes of a drill leader and the types of drill commands to oversee a team or squad leader. First Aid provides you with an introduction to first aid for emergencies and common injuries. As a leader, you may encounter a situation where first aid knowledge is necessary. Decision Making will expose you to the reality of bullying. You'll learn about the types of bullying and intervention strategies to help deter or prevent violence in schools. Health and Fitness is a necessary element of the JROTC program. All Cadets are required, as they are able, to participate in the Cadet Challenge physical fitness competition. You will look more closely at the elements of good health, including nutrition and what you eat, exercise, and sleep. Your choice to pursue a healthy lifestyle can be contagious to your peers and is the mark of leadership. Service Learning is a required component of the JROTC program. In Leadership Education Training (LET) 2, you will participate in service learning and evaluate its effectiveness. Citizenship and Government will encourage you to evaluate the important aspects of a democratic government and the rights of citizens, as introduced and interpreted in the U.S. Constitution. This course is also a substitute course for physical education.

Prerequisite: JROTC 1-2

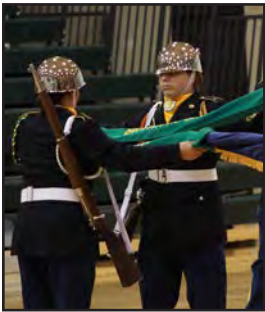
Course ID: 070821/070822



JROTC FACT:
JROTC teaches leadership, self-discipline, confidence, organization, ethics, integrity, and responsibility..



MILITARY SCIENCE



JROTC FACT:
One of our cadets was presented the Legion of Merit, Bronze Cross, JROTC's 2nd highest award in the fall of 2021.

JROTC 5-6 11-12 LEADERSHIP EDUCATION AND TRAINING (LET 3)

The JROTC program is designed to help develop strong leaders and model citizens. As a third-year Cadet, you'll continue to build on LET I and II knowledge and skills and find yourself being introduced to new content that will help you develop your supervisory skills and abilities. The knowledge, skills, and abilities you will acquire this year: Leadership learning experiences provide you with opportunities to supervise others, make leadership decisions, and assess your own management style. You will learn to take on more responsibilities in your battalion by working on project plans and continuous improvement. Personal Growth and Behaviors will help prepare you for necessary decisions about your future education. You'll explore the education requirements of your desired career goals and research how to financially obtain them. You'll learn time management strategies, essential skills in all leaders. Team Building continues to build on drill and ceremony protocol. You will analyze the duties of a platoon leader or sergeant and focus on the skills and abilities for executing platoon drills. Decision Making will help expose you to the common stereotypes, relationship conflicts, and prejudice of our society. You'll explore strategies for neutralizing prejudice in your own relationships and how to develop negotiating strategies to help others resolve conflicts. Health and Fitness will focus on the troubling effects of drugs, tobacco, and alcohol on today's society. You'll identify substance abuse behaviors and its impact on health and learn strategies for responding appropriately to abusers. Service Learning you will move from participating and evaluating service-learning projects to playing a key role in service learning planning and implementation. Citizenship and Government will look more deeply at the definition of a citizen and your responsibility and role as a contributing member of a strong community.

An Honors Course is available to selected cadets with instructor permission.

Prerequisite: Successful completion of JROTC 3-4 (Let 2)
Course ID: 070751/070751

HONORS JROTC 7-8 12 LEADERSHIP EDUCATION AND TRAINING (LET 4)

The JROTC program is designed to help develop strong leaders and model citizens. As a fourth-year Cadet, you'll continue to build on the LET I-III knowledge and skills and find yourself being introduced to new content that will help you continue to lead others in your battalion. The knowledge, skills, and abilities you will acquire your senior year: Leadership learning experiences provide you with a unique opportunity to look at the role of leadership in continuous improvement. You'll take a look at the big picture of the JROTC program and how its outcomes relate to leadership. Additionally, you'll explore strategies for teaching and mentoring others. Personal Growth and Behaviors continues to help you think and plan for your future with topics such as personal independence, the importance of personal accountability, and professional development. Team Building continues to build on drill and ceremony protocol. You will look at the tactics for motivating others and how they translate into other areas of leadership. Additionally, you'll explore the elements of a communication model and how to overcome barriers of communication. In Service Learning you will manage a service-learning project within a unit or the entire battalion. You'll be introduced to project management processes and management tools. Citizenship and Government exposes you to the challenges that face fundamental principles of society today. You will discuss topics to encourage you, as a citizen, to think about the future of citizen rights. Leadership laboratories for the practical application of learning are a key part of the course.

An Honors Course is available for selected students with instructor permission.

Prerequisite: JROTC 5-6, iCourse ID: 070741/070742



BEGINNING

MARKSMANSHIP 1-2

Detailed instruction in the art of precision rifle marksmanship and safety under the supervision of instructors certified in the Civilian Marksmanship Program and Safety Certified by U.S. Army Cadet Command. This is instruction in Olympic style marksmanship techniques and competition. Small caliber Air Rifles are used in this instruction. Students must be mature, highly motivated, dedicated, and self-disciplined. Students in this course will be expected to participate as members of the Varsity or Junior Varsity Marksmanship Teams.

Prerequisite: concurrent enrollment in JROTC LET Course
Course ID: 070781/070782

INTERMEDIATE

MARKSMANSHIP 3-4

This is a continuation of the Beginning Marksmanship Course Detailed instruction in the art of precision rifle marksmanship and safety under the supervision of instructors certified in the Civilian Marksmanship Program and Safety Certified by U.S. Army Cadet Command. This is instruction in Olympic style marksmanship techniques and competition. Small caliber Air Rifles are used in this instruction. Students must be mature, highly motivated, dedicated, and self-disciplined. Students in this course will be expected to participate as members of the Varsity or Junior Varsity Marksmanship Teams.

Prerequisite: Beginning Marksmanship, instructor permission, normal distance vision with glasses
Requisite: concurrent enrollment in JROTC
Course ID: 071051/071052

10-12

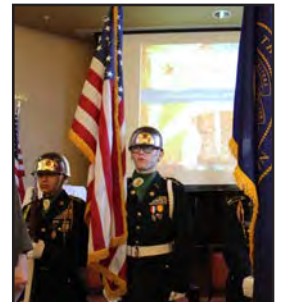
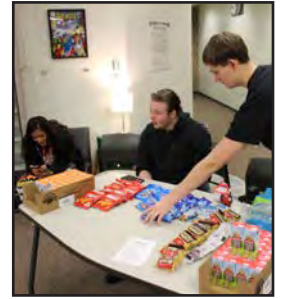
ADVANCED

MARKSMANSHIP 5-6

Further individualized detailed instruction in precision rifle marksmanship techniques. The focus is on developing a precision expert marksman. This is instruction in Olympic style marksmanship techniques and competition. Small caliber Air Rifles are used in this instruction. Students must be mature, highly motivated, dedicated, and self-disciplined. Students in this course will be expected to participate as members of the Varsity or Junior Varsity Marksmanship Teams.

Prerequisite: Must be enrolled in a JROTC LET Course.
Requires instructor permission.
Course ID: 070791/070792

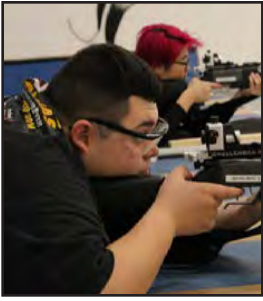
11-12



JROTC FACT:
JROTC instructors are retired military officers and non-commissioned officers. They are school faculty members who are also certified by the Army to teach JROTC.



MILITARY SCIENCE



COLOR GUARD COURSE 1-2

9-12

This is an Intermediate Class in U.S. Army Regulation Drill. Students taking this course will receive instruction in the history and purpose of Regulation Drill, and its application in the organization and conduct of Color Guard Drill, Regulation Unarmed, and Armed Drill, and Drill with Sabers. Emphasis will be on learning the finer details of drill to prepare for ceremonies, exhibition and competition, and to prepare cadets to become drill team commanders. Students taking this course will be expected to participate as members of JROTC Color Guard and Drill Teams which will require before and after school practices and attendance at scheduled drill team competition events on weekends.

Prerequisite: Must be enrolled in a JROTC LET Course
Course ID: 070631 /070632



COLOR GUARD COURSE 3-4

10-12

This is an Advanced Class in U.S. Army Regulation Drill. Students taking this course will receive instruction in the history and purpose of Regulation Drill, and its application in the organization and conduct of Color Guard Drill, Regulation Unarmed, and Armed Drill, and Drill with Sabers. Emphasis will be on learning the finer details of drill to lead ceremonies, exhibition and competition, and to prepare other cadets to become drill team commanders. Students taking this course will participate as members of JROTC Color Guard and Drill Teams which will require before and after school practices and attendance at scheduled drill team competition events on weekends.

Prerequisite: Must be enrolled in a JROTC LET / Course
Requires Instructor Permission
Course ID: 070631 /070632

JROTC FACT:
There are a large number of awards which are given for achievement in JROTC. Some are given by the unit, some by the school, and others by local groups.

COLOR GUARD COURSE 5-6

11-12

This is an Advanced Class in U.S. Army Regulation Drill. Students taking this course will receive instruction in the history and purpose of Regulation Drill, and its application in the organization and conduct of Color Guard Drill, Regulation Unarmed, and Armed Drill, and Drill with Sabers. Emphasis will be on learning the finer details of drill to lead ceremonies, exhibition and competition, and to prepare other cadets to become drill team commanders. Students taking this course will participate as members of JROTC Color Guard and Drill Teams which will require before and after school practices and attendance at scheduled drill team competition events on weekends.

Prerequisite: Must be enrolled in a JROTC LET / Course
Requires Instructor Permission
Course ID: 070631 /070632

***If you complete three or more years of junior ROTC, you may be able to enter the Army as an E-3 private first class. Those completing two or more years of post-secondary vocational-technical training, with a certificate of completion, also qualify for Army enlistment at E-3. New 2020.**

**** Archery may be offered as well in marksmanship class in SY 21-22. Guidance forthcoming from Cadet Command in a Cadet Command Circular. All the schools have equipment.**



CHAMBER ENSEMBLE 10-12

H. CHAMBER ENSEMBLE

This course is an advanced chamber ensemble for mixed voicing selected by audition. Members must be simultaneously enrolled in another choral ensemble. This course requires after school performances as part of the evaluation process. Singers are vocally challenged through an advanced level of singing and complex harmonies through choral music from the Medieval period to Twentieth Century pop a capella and vocal jazz arrangements. Advisors guide students in developing honors credit.

Prerequisite: audition after successful completion of a choral ensemble.

Course ID: 190341/190342

CONCERT CHOIR 9-12

This course is the principal performing choral organization of each high school. Students will rehearse and perform music of all musical periods of history in both accompanied and unaccompanied styles. Performance usually includes fall, winter and spring concerts as well as the All-City Music Festival. Membership is selected by audition.

Prerequisite: audition after successful completion of one year of a choral ensemble.

Course ID: 190281/190282

HONORS CONCERT CHOIR 10-12

Course description is similar to Concert Choir. This course is an extension of Courses #190281 and #190282 for the serious music student. Advisors guide the students in developing written plans for earning honors credit.

Prerequisite: audition and instructor approval required.

Course ID: 190351/190352

CONCERT BAND 9-12

This course is considered to be the principal performing band in the high school instrumental music curriculum. Students will rehearse and perform standard band literature designed to strengthen basic musicianship and instrumental technique. Membership is by audition. In the senior high school, the Concert Band also serves as the nucleus for the marching band program as a part of the first semester's activities. Other performances include winter and spring concerts as well as the All-City Music Festival.

Prerequisite: audition or successful completion of 8th grade Band

Course ID: 190621/190622

HONORS CONCERT BAND 10-12

Course description similar to Concert Band. Additional assignments and performances will be required for Honors credit.

Prerequisite: students must have completed 9th grade concert band with a grade of "B" or higher to enroll for honors credit

Course ID: 190681/190682

JAZZ BAND 9-12

This course is a high school instrumental ensemble comprised of advanced instrumental students who are simultaneously enrolled in Concert Band or Orchestra. Various jazz rudiments and improvisation techniques are introduced through a variety of jazz and popular styles of music. Membership is by audition.

Prerequisite: simultaneously enrolled in Concert Band or Orchestra

Course ID: 190591/190592



MUSIC FACT:
9th and 10th grade Bryan band students won 1st place in the Elkhorn Band Olympics in 2018-19.



MUSIC



ORCHESTRA 9-12

This course includes the rehearsal and performance of outstanding symphonic literature from the representative periods of music history. This literature provides for the development of both individual and ensemble skills. Performance includes winter and spring concerts as well as the All-City Music Festival. High school orchestra members also participate as a pit orchestra for the production of a school's Broadway musical. Students are required to participate in all scheduled performances.

Prerequisite: audition or successful completion of 8th grade Orchestra
Course ID: 190851/190852



HONORS ORCHESTRA 10-12

This course includes the rehearsal and performance of outstanding symphonic literature from the representative periods of music history. This literature provides for the development of both individual and ensemble skills. Performance includes winter and spring concerts as well as the All-City Music Festival. Membership is by audition. High school orchestra members also participate as a pit orchestra for the production of a school's Broadway musical. Additional assignments and performances will be required to earn Honors credit.

Prerequisite: students must have completed 9th grade orchestra with a grade of "B" or higher to enroll for honors credit
Course ID: 190791/190792



HONORS SWING CHOIR 10-12

This course is the principal swing choir of each high school. These advanced choral ensembles, which usually consist of three to five mixed, equally balanced quartets, are available by audition to students who are simultaneously enrolled in one of the school's principal choral organizations. One of the primary functions of these groups is to serve as "ambassadors" for the school. Choreographed routines and frequent performance, often requiring time outside of school, must be a student consideration for enrollment.

Prerequisite: audition after successful completion of Men's Chorus, or Treble Chorus; students need to enroll in Concert Choir also
Course ID: 190331/190332

MEN'S CHORUS 9-12

This course is open to 9-12th graders who wish to participate in male chorus. Basic vocal concepts are stressed through literature that is appropriate for tenor and bass voices. Performance opportunities are included as an extension of the classroom activities including concerts and contests in the Omaha area. Students are required to participate in all scheduled performances.

Prerequisite: none
Course ID: 191061/191062

TREBLE CHORUS 9-12

This course is open to all girls who wish to participate in a choral class of treble voices. Basic vocal concepts are stressed through literature that is appropriate soprano and alto voices. Performance opportunities are included as an extension of the classroom activities. Students are required to participate in all scheduled performances.

Prerequisite: none
Course ID: 190311/190312

VOICE 9-12

This course is offered to introduce students to private and small groups instruction. Fundamental vocal technique, vocal performance, and solo literature are emphasized. Some type of performance is usually available through student recitals and various programs.

Notes: Class enrollment is limited. This course is offered to introduce students to private and small group instruction. Fundamental vocal technique, vocal performance, and solo literature are emphasized. Some type of performance is usually available through student recitals and various programs.

Prerequisite: Audition and/or permission of instructor
Course ID: 190341/190342

MUSIC FACT:
Students in Show Choir and Concert Band are eligible to earn a physical education credit towards graduation.



PHYSICAL EDUCATION

AEROBICS 1-2 10-12

This course provides class activities designed for improvement in cardiorespiratory endurance, flexibility, and muscular development. Activities may include jogging, power walking, water exercise, step aerobics, line dancing, physical fitness, goal-setting and nutritional planning. American Red Cross Certification opportunity in Adult CPR/AED and First Aid for a cost.

Prerequisite: none
Course ID: 070451/070452

LIFETIME WELLNESS 1-2 10-12

Students will learn about health and nutrition. Knowledge of lifetime wellness and fitness will be covered and emphasized. Activities include but are not limited to: walking, toning, fitness concepts and technology, and orienteering. District mandated Fitnessgram will be administered in pre and post test form.

Prerequisite: none
Course ID: 070191/070192

PHYSICAL EDUCATION 1-2 9

This course involves students in the development of personal fitness and participation in a variety of sports, games, and dance activities.

Prerequisite: none
Course ID: 070181/070182

P.E. MENTORS 10-12

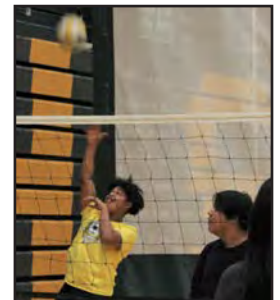
This course is designed for exceptional and dedicated learners to participate in physical education with ACP students. Mentors will be responsible for assisting ACP students with their physical education objectives individually and as a group. Student will create, implement and participate in lessons they create. Students interested in a teaching profession are encouraged to take this course. This course is designed for all students to improve cardiovascular fitness, muscular strength, muscular endurance, flexibility, and body composition. Emphasis is placed on sportsmanship and developing motor skills needed for independent living for the ACP population. Mentors will consistently demonstrate good behaviors and actions after which the ACP student can model.

Prerequisite: See counselor for application. Application will be reviewed by instructor
Course ID: 070201/070202

SWIM/AQUATICS 1-2 9-12

This is a beginning course in swimming and water safety. Instruction in American Red Cross Aquatics will be emphasized. The objective of the beginning swimming course is to equip individuals with the basic water safety skills and knowledge in order to make them reasonably safe while in, or about the water. As students develop these skills, they will become safer and better swimmers. Designed for the student who does not know how to swim. Progression to master front crawl, backstroke, breaststroke, butterfly, sidestroke, and diving. Swim class is offered at Bryan Middle School. Students will need to provide own transportation to BMS or walk.

Prerequisite: Instructor permission (9th grade)
Course ID: 070321/070322



P.E. FACT:
Being physically active on a regular basis Improves sleeping patterns



PHYSICAL EDUCATION



TEAM SPORTS 1-2 10-12

This course will consist of instruction in rules, strategies, skills and sportsmanship concepts. Activities may include: flag football, soccer, volleyball, basketball, team handball, softball, and floor hockey. A fitness unit will be taught.

Prerequisite: none
Course ID: 070471/070472



WEIGHT TRAINING & CONDITIONING 1-2 10-12

This course provides instruction in proper techniques using free weights and machines, as well as other fitness activities, to improve strength, flexibility and aerobic capacity.

Prerequisite: Physical Education 1-2
Course ID: 070261/070262



PE LEADERSHIP 1-2 10-12

This co-ed course is ideal for the student athlete who wants to seriously train for high school sports. The course will teach student athletes the proper way to train and the leadership skills which are essential in becoming leaders in the school and out in the community. Physical activities will incorporate balance, neuromuscular coordination, improving basic running technique, various methods of strength training, and flexibility. The goal is to focus on an individual's strengths and weaknesses and to enhance their sport performance and overall athleticism through speed, strength, and movement training. Classroom activities will incorporate nutrition, sport psychology, lessons in leadership, and goal setting. The course will also include a minimum of 8 hours of community service as a component of the class. Need permission from teacher to enroll in class.

Prerequisite: Need permission from PE Leadership Instructor/Curriculum Specialist.
Course ID: 070381/070382

P.E. FACT:

A person's most valuable asset is good health. The student who is physically competent is most apt to have a positive self-image and enjoy a feeling of self-confidence.



ANATOMY & PHYSIOLOGY 1-2

10-12

This course enables students to understand the principles and structures of the human body. Students develop an understanding of the structure and function of complex human organ systems through inquiry-based laboratory experiences using up-to-date technology. This course will explore scientific and technological advances in the field of anatomy. Students will also explore career opportunities in medical and related fields. The study and application of vocabulary and terminology is an essential part of this course. Students will incorporate writing and literacy strategies into summative projects. Laboratory dissections are required.

Prerequisite: Physical Science 1-2 and Biology 1-2
Course ID: 060931/060932

BIOLOGY 1-2

10-12

This course engages students in inquiry-based problem solving as they investigate biological issues that are relevant to their daily lives. Topics of study include: the cell; the molecular basis of heredity; biological evolution; the interdependence of organisms; and matter, energy, and organization in living systems. This course meets the district requirement for biology.

Prerequisite: none
Course ID: 060411/060412

HONORS BIOLOGY 1-2

9-12

Students in Honors Biology 1-2 practice inquiry-based problem solving as they investigate biological issues that are relevant to their daily lives. Topics of study include the cell; the molecular basis of heredity; biological evolution; the interdependence of organisms; and the matter, energy, and organization in living systems. This course meets the district requirements for biology. Students enrolled in honors courses will have additional experiences that require a more rigorous program of study.

Prerequisite: Any one of the following: Grade of "A" in Physical Science 1 and 2 (Current 9th grade only), Grade of "B" or higher in Honors Physical Science 1 and 2, MAP Science score at or above a score determined by District Science Supervisor

AP BIOLOGY 1-2

(COLLEGE LEVEL- UNO DUAL ENROLLMENT)

11-12

AP Biology is a laboratory course designed to prepare students to take the college advanced placement test giving them potential college credit for the course. This college course in life sciences is inquiry based with a goal of providing students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. The curriculum includes the study of the structure and function of organic molecules and cells; the continuity and diversity of living things; the history and evolution of living things; and the relationships of organisms and their environment.

Prerequisite: Physical Science 1-2, Biology 1-2, with no grade less than a "C" and teacher recommendation
Course ID: 060471/060472

CHEMISTRY 1-2

10-12

This course engages students in both theoretical and practical problem-solving strategies as they investigate chemical issues that are relevant to their daily lives. Topics of study include laboratory processes, chemical safety, atomic structure, properties of matter, and chemical reactions.

Prerequisite: Physical Science 1-2, Biology 1-2 (concurrent enrollment in Biology 1-2 is acceptable with teacher recommendation), and successful completion of, or concurrent enrollment in, Algebra 1-2
Course ID: 060551/060552

HONORS CHEMISTRY 1-2

10-12

Honors Chemistry 1-2 engages students in both theoretical and practical problem-solving strategies as they investigate chemical issues that are relevant to their daily lives. Topics of study include laboratory processes, chemical safety, atomic structure, properties of matter, and chemical reactions. Students enrolled in honors courses have additional experiences that require a more rigorous program of study.

Prerequisite: Physical Science 1-2, Biology 1-2 (concurrent enrollment in Biology 1-2 is acceptable with teacher recommendation), and successful completion of, or concurrent enrollment in, Algebra 1-2.
Course ID: 060561/060562



SCIENCE

FACT:

Science is the study of our natural world. That knowledge is fundamental to everything we as humans do in life.



SCIENCE



AP CHEMISTRY 1-2 10-12 (COLLEGE LEVEL- MCC DUAL ENROLLMENT)

This course expands and discusses in greater depth the physical concepts and skills introduced in Chemistry 1-2. The topics include: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. The students become familiar with college lab equipment, experimental procedures, and exacting lab reports. They should gain proficiency and confidence in numerical problem solving and essay explanation of the processes of physical, inorganic chemistry. AP Chemistry is designed to be equivalent to a first-year college introductory chemistry course and follows the College Board curriculum.

Prerequisite: successful completion of Physical Science 1-2, Biology 1-2, H. Chemistry 1-2 and Algebra 1-2. Completion of, or concurrent enrollment in, Algebra 3-4 is recommended
Course ID: 060581/060582



EARTH SCIENCE 3-4 10-12

This laboratory course builds upon the state Earth science standards that were introduced in the Physical Science and Biology 1-2 course sequence. Students use scientific inquiry to further explore concepts of Earth's composition and how it's studied, the history and dynamics of Earth, and reshaping the Earth's crust, atmosphere, atmospheric forces, and oceans.

Prerequisite: Physical Science 1-2 and Biology 1-2
Course ID: 061061/061062

H. ENVIRONMENTAL SCIENCE 1-2 10-12

Environmental Science allows students to develop insights and skills needed to make decisions regarding the environment. The class provides basic knowledge on ecosystems and how they work. In addition, students learn how they affect the environment, what they can do to use the environment wisely, and how to preserve what is left. This course includes hands-on experiences, simulations, and outside activities. In the end, the students learn about the world in which they live.

Prerequisite: Physical Science 1-2 and Biology 1-2
Course ID: 060351/060352

FORENSIC SCIENCE 1-2 10-12

This course promotes active learning and emphasizes the application and integration of math, chemistry, biology, physics, and Earth science. Topics covered include: The collection, handling, and examination of trace evidence such as hair, fibers, soil, pollen, and glass; fingerprint, blood, and blood splatter examination; DNA, drug and toxicology testing; handwriting and tool mark analysis; voice examination; impressions; ballistics, and forensic anthropology.

Prerequisite: Physical Science 1-2 and Biology 1-2
Course ID: 061331/061332

FORENSIC SCIENCE 3-4 10-12

This is an upper level science course that will allow students to continue studying forensic science. Topics include: Crime scene analysis, forensic science laboratory techniques, arson, explosives, physical trauma, autopsies, advanced DNA concepts, odontology, toxicology, criminal profiling and cyber crime.

Prerequisite: Forensic Science 1-2
Course ID: 061511/061512

PHYSICAL SCIENCE 1-2 9-12

Physical Science is an inquiry-based course designed to expose students to selected concepts in chemistry, physics, earth, and space science. Topics include matter, energy, forces and motion, Earth in space, and Earth structures and processes. This course provides a foundation for other science courses.

Prerequisite: none
Course ID: 060501/060502

Students in AP classes who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

SCIENCE

FACT:

Medical-related, engineering, technician/technology, and cosmetology careers are among those that require a strong science background.



H. PHYSICAL SCIENCE 1-2 9-12

Physical Science is an inquiry-based course designed to expose students to selected concepts in chemistry, physics, earth, and space science. Topics include matter, energy, forces and motion, Earth in space, and Earth structures and processes. This course provides a foundation for other science courses. Students that enroll in honor courses have additional experiences that require a more rigorous program of study.

Prerequisite: Any one of the following: Grades of "B" or higher in Science -8 1 and 2 AND concurrent enrollment in Algebra 1-2 or higher math course, MAP Math score at or above a score determined by District Science Supervisor.
Course ID: 060531/060532

PHYSICS 1-2 11-12

Physics 1-2 engages students in an inquiry-based, problem-solving approach to investigate the physical laws that are fundamental to all science. Topics of study include: motion and technological design; the effects of forces on motion; the origin of the universe; conservation of energy; and the interaction of energy and matter.

Prerequisite: Physical Science 1-2, Biology 1-2 (concurrent enrollment in Biology 1-2 is acceptable with teacher recommendation), and successful completion of Algebra 1-2.
Course ID: 060601/060602

H. PHYSICS 1-2 10-12

Honors Physics 1-2 engages students in an inquiry-based, problem-solving approach to investigate the physical laws that are fundamental to all science. Topics of study include: motion and technological design; the effects of forces on motion; the origin of the universe; conservation of energy; the interaction of energy and matter. Students enrolled in honor courses have additional experiences that require a more rigorous program of study.

Prerequisite: Physical Science 1-2, Biology 1-2 (concurrent enrollment in Biology 1-2 is acceptable with teacher recommendation), and successful completion of, or concurrent enrollment in, Algebra 1-2.
Course ID: 060631/060632

AP PHYSICS 1-2 10-12 (COLLEGE LEVEL- UNO DUAL ENROLLMENT)

Algebra-Based is the equivalent to first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits.

Prerequisites: successful completion of Physical Science 1-2, Algebra 1-2, and Geometry 1-2 (or concurrent enrollment in Geometry 1-2). Concurrent enrollment in, or previous completion of, Biology is recommended as Biology is high school graduation requirement
Course ID: 061661/061662



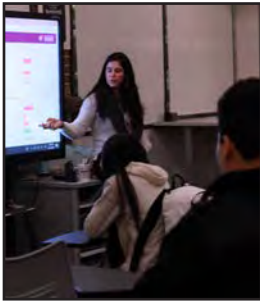
SCIENCE FACT:
There is enough DNA in an average person's body to stretch from the sun to Pluto and back -- 17 times. Find out more in a science class!



SOCIAL STUDIES



Students in AP classes who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.



H. ACADEMIC DECATHLON 9-12

The Academic Decathlon is an extracurricular activity/course in which schools compete nationwide in ten different subject areas that include: Language and Literature, Social Science, Art, Music, Science, Mathematics, Economics, Interview, Speech, and Essay. The competitions have a theme each year, which provides a focus for the subject content materials.

Prerequisite: teacher recommendation or students committed to taking class all year and competing in competitions. * 9th graders who have competed in Academic Pentathlon and/or Quiz Bowl while in middle school. Course ID: 031201/031202



AFRICAN-AMERICAN HISTORY 10-12

This course addresses the continued struggle for political, educational, and economic equality by African Americans. Emphasis is placed on the contributions of African Americans in the development of an industrialized United States as well as their place in the historical record.

Prerequisite: none
Course ID: 030521

AMERICAN GOVERNMENT 12

This course addresses the theories and practices that are the basis to our nation's form of government. Students analyze the structure, operations, and functions of local, state, and national government in order to better prepare themselves to practice participatory citizenship as related to their responsibilities and rights as citizens.

Prerequisite: none
Course ID: 030251

AP US GOVERNMENT & POLITICS; COMPARATIVE 12

(COLLEGE LEVEL- UNO DUAL ENROLLMENT)

AP Comparative Government and Politics introduces students to the rich diversity of political life outside of the United States. The course uses a comparative approach to examine the political structures; policies; and the political, economic, and social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues.

Prerequisite: teacher recommendation or proficient completion of all social studies courses
Course ID: 030261/030262

INTRO TO ECONOMICS 10

Introduction to Economics examines the key concepts of economics through study of various sectors of market systems. Fundamentals, micro, macro, and international economic concepts are presented and studied. Emphasis is given to the role of the citizen in America's market structure. This is a one-semester course.

Prerequisite: none
Course ID: 030461

HONORS INTRODUCTION TO ECONOMICS 10

(COLLEGE LEVEL- UNO DUAL ENROLLMENT, COLLEGE ELECTIVE)

Honors Introduction to Economics examines the key concepts of economics through study of various sectors of market systems. Fundamentals, micro, macro, and international economic concepts are presented and studied. Emphasis is given to the role of the citizen in America's market structure. Students are required to research and analyze the structure and function of economics in the United States today. Honors students will also be expected to perform extension activities on their Curriculum Based Assessments (CBA's). This is a one-semester course. Concurrent enrollment in Honors English 3-4 is highly recommended.

Prerequisite: none
Course ID: 030481

SOCIAL STUDIES

FACT:

Students learn to be civically literate by understanding their rights.



SOCIAL STUDIES

HUMAN GEOGRAPHY 10

What is HUMAN GEOGRAPHY? This course provides an effective method for studying human activities on Earth's surface. Human interaction with one another and the environment will be studied and analyzed to provide an understanding of the world in which we live. The course is divided into four units: Population & Cultural Geography, Urban Geography, Political Geography, and Economic & Environmental Geography.

Prerequisite: none
Course ID: 031011

AP HUMAN GEOGRAPHY 1-2 10-12

(COLLEGE LEVEL- UNO DUAL ENROLLMENT)

The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of Earth's surface. This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on their website: www.collegeboard.com.

Prerequisite: teacher recommendation or proficient completion of all social studies courses
Course ID: 030191/030192

INTERNATIONAL STUDIES 12

This course provides students with the knowledge and skills to function effectively in and increasingly interdependent world. Societal issues having both a global and future orientation will be highlighted. Students may take this course to replace a failed World History credit.

Prerequisite: Social Studies credit replacement, this course may not be repeated
Course ID: 030681

LAW & JUVENILE JUSTICE 10-12

This course is an advanced, individualized This course focuses on the acquisition of a greater understanding of our society and its system of law. Effective participation within America's legal structure will be highlighted. This is a semester course.

Prerequisite: none
Course ID: 030611

MEXICAN-AMERICAN HISTORY 10-12

This course examines Mexican history as well as the Mexican American experience in the United States. Particular attention is given to Omaha's Mexican American community. This is a semester course.

Prerequisite: none
Course ID: 030401

MODERN WORLD HISTORY 1-2 11

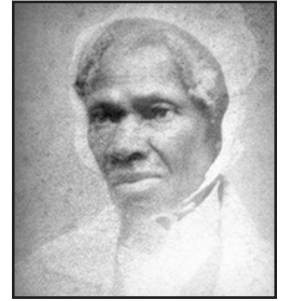
This course explores the culture and history of people from approximately 1000 C.E. to the present. As students examine the choices and decisions of the past, they are better able to confront today's problems and choices with a deeper awareness of the alternatives before them, and the likely consequences of each. This is a required course.

Prerequisite: none
Course ID: 031381/031382

OMAHA HISTORY 10-12

This course examines national and world history by studying and understanding the local viewpoints, actions, reactions and impact in Omaha.

Prerequisite: none
Course ID: 030710



SOCIAL STUDIES

FACT:

Bryan High hosts the largest Quiz Bowl in Nebraska.



SOCIAL STUDIES



PSYCHOLOGY **10-12**

This course explores the complex nature of human behavior. Emphasis is placed upon the most significant concepts of contemporary psychology as well as how psychologists study behavior.

Prerequisite: none
Course ID: 030491

AP PSYCHOLOGY 1-2 **10-12** (COLLEGE LEVEL- UNO DUAL ENROLLMENT)

The AP Psychology course 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 subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice

Prerequisite: teacher recommendation or proficient completion of all social studies courses
Course ID: 030641/030642

SOCIOLOGY **10-12**

This course explores the social structure of society from both a historical and contemporary issue base.

Prerequisite: none
Course ID: 030531

UNITED STATES **9** **HISTORY 1-2**

This course is a graduation requirement for all students. This course continues the study of United States history from 1914 to present. Students address the social, economic, and political development of the nation and relate it to both past and present. Instruction is organized around the themes of geography, history, economics, culture, and citizenship. Students investigate these themes using textbooks, newspapers, novels, primary sources, and technology.

Prerequisite: none
Course ID: 030901/030902

HONORS UNITED STATES **9** **HISTORY 1-2**

See United States History 1-2 course description. Students are required to research and analyze specific concepts in United States history and relate it to current events.

Prerequisite: Any one of the following: Grade of "B" or higher in Social Studies -8 1 and 2, MAP Reading score at or above a score determined by District Social Studies Supervisor
Course ID: 030911/030912

AP UNITED STATES **11-12** **HISTORY 1-2**

(COLLEGE LEVEL- MIDLAND UNIVERSITY DUAL ENROLLMENT)

This course provides students with the analytical skills and factual knowledge necessary to evaluate issues and themes in United States history, examine historical evidence, and engage in critical writing. This course prepares students for the Advanced Placement History exam.

Prerequisite: teacher recommendation or proficient completion of all social studies courses
Course ID: 030341/030342

AP WORLD HISTORY 1-2 **11** (COLLEGE LEVEL- MIDLAND UNIVERSITY DUAL ENROLLMENT)

The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. This course prepares students for the Advanced Placement World History exam.

Prerequisite: teacher recommendation or proficient completion of all social studies courses
Course ID: 030421/030422



SOCIAL STUDIES

FACT:

Students get a sense of how the land, the people and the culture have shaped them.



SPECIAL EDUCATION

Students with disabilities have a variety of course options at the high school level. The intent is to provide the maximum amount of participation in the general education setting through strategic interventions, collaborative teaching and direct instruction. Regular district assessments are administered. Students may participate in:

- General education classes with support in a resource period. Focus is given to developing learning and study strategies. Students will be expected to define compensatory skills to facilitate active learning in the general education classroom setting. Class activities will include but not be limited to time management, goal setting, problem solving, assignment analysis and self-advocacy.
- General education classes that are co-taught by a general education teacher and special education teacher. In a co-taught class, both teachers share instructional responsibilities for the students by co-planning, co-instructing and co-assessing.
- Special education sections of core classes such as English or mathematics. These classes cover the same standards but may utilize materials with modified reading levels while using a slower pace to cover the standards. A student IEP must indicate a need in English or mathematics (reading and/or writing) to recommend placement in an English or mathematics resource classroom.

Students with more severe disabilities may participate in an alternate curriculum focusing on alternate standards and functional living skills. Most instruction for these students is provided by a special education teacher in the core areas with the students participating in general education classes and activities as appropriate. Progress is measured using the state alternate assessment.

The following special education programs are available in our building:

Resource: This program serves students with a variety of disabilities. Special education staff provides interventions, accommodations and modifications that support the students' participation and progress in the general curriculum.

Behavioral Skills Program: This program 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.

Alternative Curriculum Program (ACP): This program serves students with multiple disabilities in an environment that supports students' medical and sensory needs. The instructional program addresses the cognitive, communication, community, motor, self-help, social skills, and pre-vocational domains. Opportunities are provided to participate in activities with non-disabled peers.

Other Services Provided:

Assistive Technology, Hearing, Occupational Therapy, Physical Therapy, Speech Language, Vision

AFFECTIVE SKILLS 9-12

This course addresses social skills that can be incorporated into the student's daily living. A practical approach with group discussion and classroom participation is emphasized. Students are encouraged to explore problem solving skills, decision making skills, and skills for independence. Communication and positive self-esteem is fostered.

Prerequisite: meets IEP requirements and teacher recommendation
Course ID: 090751/090752

STUDY SKILLS 9-12

This course is designed to help students improve skills in the areas of paraphrasing, sentence writing, test and note taking, organization, scanning, improving vocabulary, memorization, decision making, goal setting, communication skills, listening skills, and information sources. Tutorial assistance and recommendations are provided.

Prerequisite: meets IEP requirements & teacher recommendation
Course ID: 090731/090732

WORK EXPERIENCE 11+

Work Experience is offered to all students in the Special Education Program who are at least 17 or 11th grade and meet the guidelines established by the Omaha Public Schools. The first phase of this program involves on-the-job training and evaluation for which there is no pay. When a student has gained proficiency in skills and work attitudes, he/she is assisted in finding a paid position.

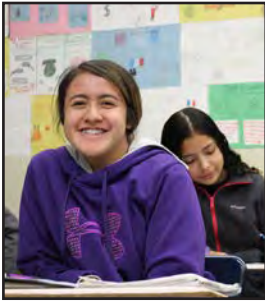
Prerequisite: meets IEP requirements & teacher recommendation
Course ID: 100031/100032



SPECIAL EDUCATION FACT:
Students take part in the Sports Classic which is a competition of three different classic games.



WORLD LANGUAGES & CULTURES



FRENCH 1-2

This course in World Languages at the first-year level stresses interpretive, presentational, and interpersonal communication abilities to develop survival skills in the target language. Students become aware of the personal and economic opportunities that knowing a second language will bring them and how that knowledge will enable them to function better both in the United States and globally. They also begin to develop an awareness and appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, and world.

Prerequisite: none
Course ID: 160301/160302



FRENCH 3-4

This course in World Languages at the second-year level is a continuation and expansion of the principles and concepts of the first year. During this time, students continue to work extensively with interpretive, presentational, and interpersonal communication skills while also delving more extensively into language structure, reading for information and general composition. Students continue to develop an awareness and appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, and world.

Prerequisite: Grade of C or better in French 1-2 is strongly recommended.
Course ID: 160311/160312



WORLD LANGUAGES FACT:

Two years of World Language are required for admittance into most colleges.

9-12

HONORS FRENCH 5-6

10-12

This third-year level World Languages course, designated as Honors classes, emphasizes using the target language, authentic materials, and technology throughout instruction. Students are required to use the language to a greater extent in increasingly complex interpretive, presentational, and interpersonal communication skills. Students will explore a variety of fiction and non-fiction genres in the target language. Students are expected to write coherent paragraphs, short stories, and outlines. Cultural projects are to be carried out in the target language. Students continue to develop an awareness and appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, and world.

Prerequisite: Grade of "C" or better in French 3-4 or teacher recommendation.
Course ID: 160351/160352

SPANISH 1-2

9-12

This course in World Languages at the first-year level stresses interpretive, presentational, and interpersonal communication abilities to develop survival skills in the target language. Students become aware of the personal and economic opportunities that knowing a second language will bring them and how that knowledge will enable them to function better both in the United States and globally. They also begin to develop an awareness and appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, and world.

Prerequisite: none
Course ID: 160501/160502



WORLD LANGUAGES & CULTURES

SPANISH 3-4

This course in World Languages at the second-year level is a continuation and expansion of the principles and concepts of the first year. During this time, students continue to work extensively with interpretive, presentational, and interpersonal communication skills while also delving more extensively into language structure, reading for information and general composition. Students continue to develop an awareness and appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, and world.

Prerequisite: Grade of C or better in Spanish 1-2 strongly recommended.
Course ID: 160511/160512

HONORS SPANISH 5-6 10-12

This third-year level World Languages course, designated as Honors classes, emphasizes using the target language, authentic materials, and technology throughout instruction. Students are required to use the language to a greater extent in increasingly complex interpretive, presentational, and interpersonal communication skills. Students will explore a variety of fiction and non-fiction genres in the target language. Students are expected to write coherent paragraphs, short stories, and outlines. Cultural projects are to be carried out in the target language. Students continue to develop an awareness and appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, and world.

Prerequisite: "C" or better in Spanish 3-4 or teacher recommendation
Course ID: 160551/160552

9-12 AP SPANISH LANGUAGE AND CULTURE 11-12

The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the student of language and culture, the course is taught almost exclusively in Spanish. The course engages students in an exploration of culture in both contemporary and historical contexts. It develops students' awareness and appreciation of culture products (e.g. tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes and assumptions)..

Prerequisite: teacher recommendation or proficient completion of all Spanish classes
Course ID: 160581/160582

AP SPANISH LITERATURE & CULTURE 11-12

The AP® Spanish Literature and Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students develop proficiency across a full range of communication modes (interpersonal, presentational, and interpretive), thereby honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, literary criticism).

Prerequisite: Successful completion of previous course in the sequence with a grade of a "B" or higher or teacher recommendation. Successful completion of AP Spanish Language is strongly recommended, but it may be taken concurrently with AP® Spanish Language
Course ID: 161121/161122



WORLD LANGUAGES

FACT:

Every year, several Bryan High students are awarded the National Seal of Biliteracy, indicating literate proficiency in both English and Spanish.



WORLD LANGUAGES & CULTURES



SPANISH FOR SPANISH SPEAKERS 1-2 9-12

This course is designed for students who speak Spanish fluently but have difficulty reading and writing the language. Most of these students feel more comfortable reading and writing in English. Students will develop basic Spanish literacy skills along with gaining a deeper knowledge of the culture, history, and literature of the Spanish language. The course is taught in Spanish.

Prerequisite: Must speak Spanish fluently.
Course ID: 160851/160852



SPANISH FOR SPANISH SPEAKERS 3-4 9-12

This course is designed for fluent Spanish speakers who have basic Spanish skills in reading, writing, speaking, and listening. The course is taught in Spanish and focuses on developing a Spanish speaker's writing and reading comprehension of the Spanish language. Students read short stories, poetry, and write longer passages in Spanish. The course is taught in Spanish.

Prerequisite: Successful completion of Spanish for Spanish Speakers 1-2 or teacher recommendation.
Course ID: 160831/160832



HONORS SPANISH FOR SPANISH SPEAKERS 3-4 9-12

This course is designed for fluent Spanish speakers with above basic Spanish skills in reading and writing. It focuses on honing academic Spanish skills in listening and speaking while continuing to focus on reading and writing skills. Students will gain deeper knowledge of Hispanic cultures, histories and literature through this class.

Prerequisite: Successful completion of Spanish for Spanish Speakers 1-2 with a C or better, or teacher recommendation.
Course ID: 160861/160862

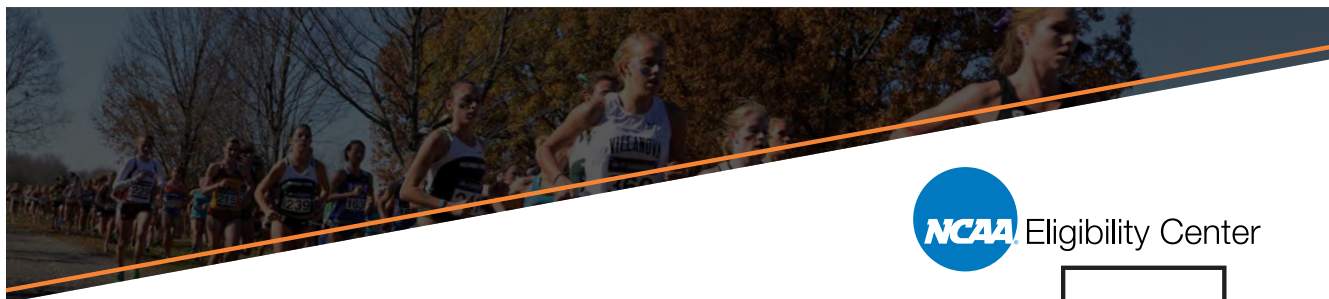
WORLD LANGUAGES

FACT:

Language skills can be a significant competitive advantage that sets you apart from your monolingual peers.



NCAA DIVISION I REQUIREMENTS



DIVISION I ACADEMIC REQUIREMENTS

College-bound student-athletes will need to meet the following academic requirements to practice, receive athletics scholarships, and/or compete during their first year.

Core-Course Requirement

Complete 16 core courses in the following areas:



Full Qualifier

- Complete 16 core courses.
 - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
 - Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Academic Redshirt

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Full Qualifier:

College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division I school.

Academic Redshirt:

College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:

College-bound student-athletes cannot practice, receive athletics scholarships or compete during their first year of enrollment at an NCAA Division I school.

International Students: Please visit ncaa.org/international for information and academic requirements specific to international student-athletes.



DIVISION I REQUIREMENTS

Test Scores

When a student registers for the SAT or ACT, he or she can use the NCAA Eligibility Center code of **9999** so his or her scores are sent directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts will **NOT** be used in his or her academic certification.

A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. A student may take the SAT or ACT an unlimited number of times before he or she enrolls full time in college. If a student takes either test more than once, the best subscores from each test are used for the academic certification process.

If you took the SAT in March 2016 or after, and plan to attend an NCAA Division I college or university in the 2018-19 or 2019-20 academic years, use the following charts to understand the core-course GPA you need to meet NCAA Division I requirements.

For more information on the SAT, click [here](#) to visit the College Board's website.

DIVISION I FULL QUALIFIER SLIDING SCALE			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.550	400	400	37
3.525	410	410	38
3.500	430	420	39
3.475	440	430	40
3.450	460	440	41
3.425	470	450	41
3.400	490	460	42
3.375	500	470	42
3.350	520	480	43
3.325	530	490	44
3.300	550	500	44
3.275	560	510	45
3.250	580	520	46
3.225	590	530	46
3.200	600	540	47
3.175	620	550	47
3.150	630	560	48
3.125	650	570	49
3.100	660	580	49
3.075	680	590	50
3.050	690	600	50
3.025	710	610	51
3.000	720	620	52
2.975	730	630	52
2.950	740	640	53
2.925	750	650	53
2.900	750	660	54
2.875	760	670	55
2.850	770	680	56
2.825	780	690	56
2.800	790	700	57
2.775	800	710	58

DIVISION I FULL QUALIFIER SLIDING SCALE			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
2.750	810	720	59
2.725	820	730	60
2.700	830	740	61
2.675	840	750	61
2.650	850	760	62
2.625	860	770	63
2.600	860	780	64
2.575	870	790	65
2.550	880	800	66
2.525	890	810	67
2.500	900	820	68
2.475	910	830	69
2.450	920	840	70
2.425	930	850	70
2.400	940	860	71
2.375	950	870	72
2.350	960	880	73
2.325	970	890	74
2.300	980	900	75
2.299	990	910	76
2.275	990	910	76
2.250	1000	920	77
2.225	1010	930	78
2.200	1020	940	79
2.175	1030	950	80
2.150	1040	960	81
2.125	1050	970	82
2.100	1060	980	83
2.075	1070	990	84
2.050	1080	1000	85
2.025	1090	1010	86
2.000	1100	1020	86

ACADEMIC REDSHIRT

*Final concordance research between the new SAT and ACT is ongoing.

NCAA is a trademark of the National Collegiate Athletic Association.



DIVISION II REQUIREMENTS



2018 DIVISION II NEW ACADEMIC REQUIREMENTS

College-bound student-athletes first enrolling at an NCAA Division II school on or after Aug. 1, 2018, need to meet new academic rules to practice, compete and receive athletics scholarships during their first year.

Core-Course Requirement

Complete 16 core courses in the following areas:

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math, or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

Full Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.200.
- Earn the ACT/SAT score matching your core-course GPA on the Division II full qualifier sliding scale (see back page).
- Graduate high school.

Partial Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division II partial qualifier sliding scale (see back page).
- Graduate high school.

Full Qualifier:

College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

Partial Qualifier:

College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:

College-bound student-athletes may not practice, compete or receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

International Students: Please visit ncaa.org/international for information and academic requirements specific to international student-athletes.



DIVISION II REQUIREMENTS

Test Scores

If you took the SAT in March 2016 or after, and plan to attend an NCAA Division II college or university in the 2018-19 or 2019-20 academic years, use the following charts to understand the core-course GPA you need to meet NCAA Division II requirements.

A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. You may take the SAT or ACT an unlimited number of times before you enroll full time in college. If you take either test more than once, the best subscores from each test are used for the academic certification process.

For more information on the SAT, click [here](#) to visit the College Board's website.

DIVISION II FULL QUALIFIER SLIDING SCALE			
USE FOR DIVISION II BEGINNING AUGUST 2018			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.300 & above	400	400	37
3.275	410	410	38
3.250	430	420	39
3.225	440	430	40
3.200	460	440	41
3.175	470	450	41
3.150	490	460	42
3.125	500	470	42
3.100	520	480	43
3.075	530	490	44
3.050	550	500	44
3.025	560	510	45
3.000	580	520	46
2.975	590	530	46
2.950	600	540	47
2.925	620	550	47
2.900	630	560	48
2.875	650	570	49
2.850	660	580	49
2.825	680	590	50
2.800	690	600	50
2.775	710	610	51
2.750	720	620	52
2.725	730	630	52
2.700	740	640	53
2.675	750	650	53
2.650	750	660	54
2.625	760	670	55
2.600	770	680	56
2.575	780	690	56
2.550	790	700	57
2.525	800	710	58
2.500	810	720	59
2.475	820	730	60
2.450	830	740	61
2.425	840	750	61
2.400	850	760	62
2.375	860	770	63
2.350	860	780	64
2.325	870	790	65
2.300	880	800	66
2.275	890	810	67
2.250	900	820	68
2.225	910	830	69
2.200	920	840 & above	70 & above

DIVISION II PARTIAL QUALIFIER SLIDING SCALE			
USE FOR DIVISION II BEGINNING AUGUST 2018			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.050 & above	400	400	37
3.025	410	410	38
3.000	430	420	39
2.975	440	430	40
2.950	460	440	41
2.925	470	450	41
2.900	490	460	42
2.875	500	470	42
2.850	520	480	43
2.825	530	490	44
2.800	550	500	44
2.775	560	510	45
2.750	580	520	46
2.725	590	530	46
2.700	600	540	47
2.675	620	550	47
2.650	630	560	48
2.625	650	570	49
2.600	660	580	49
2.575	680	590	50
2.550	690	600	50
2.525	710	610	51
2.500	720	620	52
2.475	730	630	52
2.450	740	640	53
2.425	750	650	53
2.400	750	660	54
2.375	760	670	55
2.350	770	680	56
2.325	780	690	56
2.300	790	700	57
2.275	800	710	58
2.250	810	720	59
2.225	820	730	60
2.200	830	740	61
2.175	840	750	61
2.150	850	760	62
2.125	860	770	63
2.100	860	780	64
2.075	870	790	65
2.050	880	800	66
2.025	890	810	67
2.000	900	820 & above	68 & above

*Final concordance research between the new SAT and ACT is ongoing.

NCAA is a trademark of the National Collegiate Athletic Association.



ACADEMIC RECOGNITION

HONOR ROLL—

Certificates are issued 4 times per year to students who meet the following criteria:

- ❑ Bear Medallion: 4.00 – 5.00 weighted GPA for the previous quarter
- ❑ Bear High Honor: 3.5 – 3.99 weighted GPA for the previous quarter
- ❑ Bear Achievement: 3.00 – 3.49 weighted GPA for the previous quarter

ACADEMIC LETTER—

Academic letters are issued once a year in the spring who meet the following criteria:

- ❑ CUMULATIVE GPA of 3.50 or better
- ❑ Special recognition is given to seniors who are being awarded an academic letter for the 4th time in their high school career

Students who have earned a cumulative GPA of 3.50 or better will be invited to attend the Academic Honors and Awards Night.

NATIONAL HONOR SOCIETY—

Students in grades 10-12 are eligible to apply for membership in National Honor Society (NHS) based on the following criteria:

- ❑ Scholarship—cumulative GPA of 3.75 or better on a 4.0 scale.
- ❑ Service—voluntary contributions to school or community.
- ❑ Leadership—experiences drawn from school or community which involve working with or for others.
- ❑ Character—good character in regards to morality, ethics, cooperation, honesty, reliability, courtesy, concern and respect for others.

Upon acceptance and induction into NHS, students must maintain a 3.75 GPA in each grading period, complete five sponsor- approved volunteer service hours per semester (minimum of 20 hours per school year), and attend one meeting per month.

VALEDICTORIAN —

The valedictorian will be determined after the first semester of the student's senior year.

NEBRASKA SEAL OF BILITERACY —

The Nebraska Seal of Biliteracy is a collaboration of the Nebraska International Languages Association and the Nebraska Department of Education. It was created to certify the attainment of biliteracy skills for employers and for colleges. Recipients of the Nebraska Seal of Biliteracy will receive a silver or gold seal to attach to their official diploma, as well as have it listed on their official transcript.

There are two levels of the Nebraska Seal of Biliteracy: Gold and Silver. Students are awarded a seal according to the results of identified proficiency examinations OR completion of 4 years of English Language Arts classes and 3 years of native language classes.

Special thanks to the 2019-20 Bryan High Yearbook and Newspaper staffs for providing the photography of students and staff members for this course catalog.



SEAL OF BILITERACY



Nebraska Seal of Biliteracy



Purpose

The Nebraska Seal of Biliteracy acknowledges a high school student achieving a high level of proficiency in English and at least one additional language.

What

The Nebraska Seal of Biliteracy is presented as a certificate, and a seal that can be attached to a student's diploma and listed on the student's transcript.



Why

The ability to communicate in multiple languages is an asset when applying for a job or for college admission.

How

Submit an application online through the Nebraska Department of Education (bit.ly/NebraskaSeal) – all parts of the application can be completed online.



The Result

There is a Gold Seal and a Silver Seal – awarded according to the results of identified proficiency exams.

5 Steps to Apply

- 1: Check English language proficiency.
- 2: Check language proficiency other than English.
- 3: Go to bit.ly/NebraskaSeal and apply.
- 4: Wait for NDE World Language to verify materials.
- 5: Get the Seal and be marked on your transcript.



Visit Nebraska Seal of Biliteracy Assessment Requirements for more information. (bit.ly/NESealrequirements)

If you have any questions,

please contact your World Languages Teacher for more information.





BRYAN
HIGH SCHOOL