Bryan High School
4700 Giles Rd.
Omaha, NE 68157
531.299.2540
bryan.ops.org

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.

Bryan Fast Facts

Mascot
Bears

Enrollment
1,802

Founded
1964

Number of Staff
215

Average Class Size
24

# of Clubs & Organizations
32

# of Dual Enrollment Classes
19

# of Sports Teams
21

# of AP Classes
14

Amazing You
1
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### 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, 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 razón de raza, color, origen nacional, religión, sexo (incluyendo la embarazo), estado civil, orientación sexual, discapacidad, edad, información genética, identidad de género, expresión de género, status de ciudadanos, condición de veterano, afiliación política o condición económica en sus programas, actividades y empleo y se proporciona un acceso equitativo a los Boy Scouts y otros grupos jóvenes. La siguiente persona ha sido designada para aceptar las allega- ciones 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: el Director de la Oficina de Equidad y Diversidad, 3215 Cuming St, Omaha, NE 68131 (531-299-0307).

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### Welcome

The 2021-2022 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

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### Contact Information

#### Administrative Team

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Rony Ortega</td>
<td>531.299.753</td>
</tr>
<tr>
<td>Melissa Gates</td>
<td>531.299.6703</td>
</tr>
<tr>
<td>James Cunningham</td>
<td>531.299.6614</td>
</tr>
<tr>
<td>Ryan Muiraghi</td>
<td>531.299.9134</td>
</tr>
<tr>
<td>Sasha Cervantes</td>
<td>531.299.8857</td>
</tr>
<tr>
<td>Michael Greene-Walsh</td>
<td>531.299.6702</td>
</tr>
</tbody>
</table>

#### Curriculum Specialists

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mary Miller</td>
<td>531.299.6705</td>
</tr>
<tr>
<td>Kathryn McWilliams</td>
<td>531.299.6694</td>
</tr>
<tr>
<td>Natalie Peterson</td>
<td>531.299.6707</td>
</tr>
<tr>
<td>Elisa Booth</td>
<td>531.299.6847</td>
</tr>
<tr>
<td>Jason Brannen</td>
<td>531.299.6706</td>
</tr>
<tr>
<td>Maria Lopez</td>
<td>531.299.6715</td>
</tr>
<tr>
<td>Christian Mendo Panoca</td>
<td>531.299.517</td>
</tr>
<tr>
<td>Maria Calderon Velasco</td>
<td>531.299.6714</td>
</tr>
</tbody>
</table>

#### Counseling Team

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jeanne Simmons</td>
<td>531.299.6665</td>
</tr>
<tr>
<td>Teunnia Archie</td>
<td>531.299.6664</td>
</tr>
<tr>
<td>Alison Kulpin</td>
<td>531.299.8824</td>
</tr>
<tr>
<td>Sheila Lahmann</td>
<td>531.299.6666</td>
</tr>
<tr>
<td>Kathy McNally</td>
<td>531.299.6688</td>
</tr>
<tr>
<td>Mark Nissen</td>
<td>531.299.6670</td>
</tr>
<tr>
<td>Tashia Cruz</td>
<td>531.299.7208</td>
</tr>
<tr>
<td>Gabrielle Riddleay</td>
<td>531.299.6667</td>
</tr>
</tbody>
</table>

#### Bilingual Liaisons

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maria Lopez</td>
<td>531.299.6715</td>
</tr>
<tr>
<td>Christian Mendo Panoca</td>
<td>531.299.517</td>
</tr>
<tr>
<td>Maria Calderon Velasco</td>
<td>531.299.6714</td>
</tr>
</tbody>
</table>

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### Principal’s Welcome

Dr. Rony Ortega, Principal
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 selection is a student-made during the previous year with the assigned counselor entered in Infinite Campus. Update course selections by logging into the student portal and clicking on the 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 district.ops.org.

2. Hover over STUDENTS menu, select Infinite Campus Portal.

3. Username is s, followed by first 5 digits of last name, first letter of first name, and last 3 digits of student ID #. If the first name is fewer than 5 letters, the remaining letters will be x (ex. #123456 John Smith – ssmithj456, #654321 Jane Doe – sdoexjj321).

4. Password is 6 digit student ID #.

**Individual Course Selection Meeting:**

Jan. 21 - Jan. 29 – Current juniors will meet individually with assigned counselor to select courses for senior year.

Feb. 1 - Feb. 5 – Current sophomores will meet individually with assigned counselor to select courses for junior year.

Feb. 8 - Feb. 18 – Current freshmen will meet individually with assigned counselor to select courses for sophomore year.

**Counselor Contact Information:**

Mrs. Simmons 321.299.6655 Jeannem.Simmons@ops.org A

Mrs. Archie 321.299.6664 Teurna.Archie@ops.org C-F

Mr. Kapust 321.299.8824 Allisan.Kapust@ops.org N, S-V

Ms. Lahmann 321.299.6666 Sheila.Lahmann@ops.org K, P-R

Mr. McNally 321.299.6668 Kathy.McNally@ops.org L, M

Mr. Nissen 321.299.6670 Mark.Nissen@ops.org G-I

Mrs. Cruz 321.299.7208 Tashia.Cruz@ops.org B, X-Z, Urban Agriculture Academy

Mrs. Rickley 321.299.6697 Gabrielle.Rickley@ops.org Z, O, 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**

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>OPS GRADUATION REQUIREMENTS</th>
<th>COLLEGE ENTRANCE REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>8 CREDITS</td>
<td>4 years fulfilled by OPS requirements</td>
</tr>
<tr>
<td></td>
<td>Grade 9 – English 1 &amp; 2</td>
<td>Grade 10 – English 3 &amp; 4</td>
</tr>
<tr>
<td></td>
<td>Grade 11 – English 5 &amp; 6</td>
<td>Grade 12 – English 7 &amp; 8</td>
</tr>
<tr>
<td>Social Studies</td>
<td>7 CREDITS</td>
<td>3 years fulfilled by OPS requirements</td>
</tr>
<tr>
<td></td>
<td>Grade 9 – U.S. History 1 &amp; 2</td>
<td>Grade 10 – Human Geography &amp; Intro to Economics</td>
</tr>
<tr>
<td></td>
<td>Grade 11 – World History 1 &amp; 2</td>
<td>Grade 12 – American Government</td>
</tr>
<tr>
<td>Mathematics</td>
<td>6 CREDITS</td>
<td>3 years Algebra 1, Geometry 1, Algebra 2, Algebra 3, Algebra 4</td>
</tr>
<tr>
<td></td>
<td>Grade 9 – Math as Recommended</td>
<td>Grade 10 – Math as Recommended</td>
</tr>
<tr>
<td></td>
<td>Grade 11 – Math as Recommended</td>
<td></td>
</tr>
<tr>
<td>Science</td>
<td>6 CREDITS</td>
<td>3 years fulfilled by OPS requirements</td>
</tr>
<tr>
<td></td>
<td>Grade 9 – Physical Science 1 &amp; 2</td>
<td>Grade 10 – Biology 1 &amp; 2</td>
</tr>
<tr>
<td></td>
<td>Grade 11 – Science Elective</td>
<td></td>
</tr>
<tr>
<td>Physical Education</td>
<td>4 CREDITS</td>
<td></td>
</tr>
<tr>
<td>Human Growth &amp; Development</td>
<td>1 CREDIT</td>
<td>N/A</td>
</tr>
<tr>
<td>Personal Finance</td>
<td>1 CREDIT</td>
<td>Grade 12 – Personal Finance</td>
</tr>
<tr>
<td>Electives</td>
<td>16 CREDITS</td>
<td></td>
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<tr>
<td>World Language</td>
<td>N/A</td>
<td>2–3 years of the same language</td>
</tr>
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**Recommended On Track Indicators**

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>9 - Freshman</th>
<th>10 - Sophomore</th>
<th>11 - Junior</th>
<th>12 - Senior</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credits Earned</td>
<td>13 credits</td>
<td>25 total credits</td>
<td>37 total credits</td>
<td>49 total credits</td>
</tr>
</tbody>
</table>

**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 - 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.**

**Note:** 49 credits are required to graduate.
**Course Planner**

### 9th Grade

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eng 1 or H Eng 1</td>
<td>Eng 2 or H Eng 2</td>
</tr>
<tr>
<td>US Hist 1 or H US Hist 1</td>
<td>US Hist 2 or H US Hist 2</td>
</tr>
<tr>
<td>PE elective/ JROTC/ Concert Band</td>
<td>PE elective/ JROTC/ Concert Band</td>
</tr>
<tr>
<td>Freshman Seminar</td>
<td>Freshman Seminar</td>
</tr>
</tbody>
</table>

### 10th Grade

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eng 3 or H Eng 3</td>
<td>Eng 3 or H Eng 3</td>
</tr>
<tr>
<td>Economics 1 or H. Economics and AP Hum. Geo. 1 or Human. Geo. 1</td>
<td>Economics 1 or H. Economics and AP Hum. Geo. 2 or Human. Geo. 2</td>
</tr>
<tr>
<td>Algebra 1, H. Algebra 1, H. Algebra 3, or H. Pre Calc. 1</td>
<td>Algebra 2, H. Algebra 2, H. Algebra 4, or H. Pre Calc. 2</td>
</tr>
<tr>
<td>Biology 1, H. Biology 1, or Science Elective</td>
<td>Biology 2, H. Biology 2, or Science Elective</td>
</tr>
<tr>
<td>PE elective/ JROTC/ Concert Band or Swing Choir</td>
<td>PE elective/ JROTC/ Concert Band or Swing Choir</td>
</tr>
<tr>
<td>Elective:</td>
<td>Elective:</td>
</tr>
<tr>
<td>Elective:</td>
<td>Elective:</td>
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<td>Alternate:</td>
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<td>Alternate:</td>
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### 11th Grade

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eng 5 or AP Eng Lang</td>
<td>Eng 6 or AP Eng Lang</td>
</tr>
<tr>
<td>Mod World Hist 1 or AP World History</td>
<td>Mod World Hist 2 or AP World History</td>
</tr>
<tr>
<td>Algebra 3, H. Pre-Calc Trig, AP Calc., or AP Stats</td>
<td>Algebra 4, H. Pre-Calc Trig, AP Calc., or AP Stats</td>
</tr>
<tr>
<td>Science elective:</td>
<td>Science elective:</td>
</tr>
<tr>
<td>Elective:</td>
<td>Elective:</td>
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<td>Elective:</td>
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### 12th Grade

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eng 7 or AP Eng Lit</td>
<td>Eng 8 or AP Eng Lit</td>
</tr>
<tr>
<td>American Gov’t or AP American Gov’t</td>
<td>Personal Finance:</td>
</tr>
<tr>
<td>Math: Pre Calc, Prob./ Stats, or AP Calc/Stats</td>
<td>Math: Pre Calc, Prob./ Stats, or AP Calc/Stats</td>
</tr>
<tr>
<td>Science elective:</td>
<td>Science elective:</td>
</tr>
<tr>
<td>Elective:</td>
<td>Elective:</td>
</tr>
<tr>
<td>Elective:</td>
<td>Elective:</td>
</tr>
<tr>
<td>Alternate:</td>
<td>Alternate:</td>
</tr>
<tr>
<td>Alternate:</td>
<td>Alternate:</td>
</tr>
</tbody>
</table>

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**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 his/her 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 (402) 557-299-9703 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/ 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.

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.
In 2016 the Board of Education of the Omaha Public Schools District approved updated content standards for Human Growth and Development for grades 7th – 9th and 10th. The Board of Education provides parents and guardians the opportunity to "opt 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.

**Option Standards**

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

**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

---

**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 guidance counselor. Our AP Coordinator and Advanced Education Counselor are also excellent resources as you consider your own participation.

**Classes**

- AP English Literature & Composition
- AP English Language & Composition
- AP Calculus
- AP Statistics
- 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.

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**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 transcripted 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/transferrability 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**

- Agri-Business - MCC
- Animal Science - NCTA
- AP Biology - UNO
- AP Calculus AB - UNO
- AP Calculus AB - MCC
- AP Chemistry (MCC)
- AP Government & Politics: US & Comparative - UNO
- AP Human Geography - UNO
- AP Psychology - UNO
- AP U.S. History - Midland University
- AP World History - Midland University
- Honors Child Development 1-2, 3-4 - MCC
- Intro. to Agriculture, Foods and Natural Resources - MCC
- Intro. to Education - UNO
- Natural Resources in Agriculture - NCTA
- Plant Science - MCC
- Honors Personal Finance - MCC
- Web Design - MCC
- Logistics and Warehousing for Applied Technologies (MCC)
- Introduction to Distribution (MCC)
What every student needs to know about grading

OPS Grading Policy

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.

Am I allowed to turn in coursework late?

- 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.

- 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 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.

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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**
- AIM/Award Bound Art Club
- Barber Club
- BEARducty
- Book Club
- Chamber Choir
- Chamber Orchestra
- Concert Choir
- Concert & Marching Band
- Crusader Yearbook Staff
- DECA
- Drama Club
- Educators Rising
- FBHA
- FCCLA
- FFA
- Hip Hop Club
- International Thespian Society (ITS)
- Jazz Band
- Junior Class Officers

**Just Friends**
- Latino Leaders
- JROTC- Color Guard
- JROTC- Drill Team
- Marksmanship
- Mixed Chorus
- Music Theatre Ensemble
- National Honor Society
- NICE
- Orator Student
- Newspaper Staff
- Orchestra
- Quiz Bowl
- Senior Class Officers
- Skills USA
- Speech/Forensics Team
- STEM, Drones & Robotics Club
- Student Ambassadors
- Student Council
- Travel Club

**Athletics & Athletic Support**
- Football
- Volleyball
- Softball
- Cross Country
- Golf
- Tennis
- Basketball
- Wrestling

- Swimming
- Baseball
- Track
- Soccer
- Cheer
- Sugar Bears Dance
- Unified Bowling
- Unified Track
Bryan High School Freshmen Academy

Mission: The Freshmen Academy will introduce and guide students through the transition to high school while focusing on their academic success and foundations for their high school, college, and career goals.

Academy Focus: The freshmen academy will be a cohorted, personalized learning community within our school. Teachers from different subject areas will work together to integrate foundational academic and social emotional skills for students to succeed. Students are grouped together for certain periods of the day, which promotes a family like atmosphere and results in close student teacher relationships.

### Required Academy Class

<table>
<thead>
<tr>
<th>Grade</th>
<th>Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>English 1-2 (H)</td>
</tr>
<tr>
<td></td>
<td>Mathematics: H Algebra 3-4 or Geometry 1-2 (H)</td>
</tr>
<tr>
<td></td>
<td>Science: Physical Science 1-2 (H) or H Biology 1-2</td>
</tr>
<tr>
<td></td>
<td>Social Studies: U.S. History 2-2 (H)</td>
</tr>
</tbody>
</table>

### 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.

### Required Core Classes

- 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
- Geometry 1-2, H. Geometry 1-2, or H. Algebra 1-2
- Physical Education, J ROTC, or Concert Band

### Suggested Elective Classes

- Band
- Orchestra
- Choir
- JROTC
- Drama
- Industrial Technology
- World Languages
- Family & Consumer Sciences
- Journalism
- Business
- Photo & Digital Journalism

### Academies & Pathways

**Program Name:** TDL College Career Academy  
**Pathway:** International Business, Marketing, and Management

<table>
<thead>
<tr>
<th>Grade</th>
<th>Required Courses</th>
<th>International Business, Marketing, and Management</th>
<th>Suggested Academy Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>ELA: English 1-2 (H)</td>
<td>freshman Seminar</td>
<td>Performing and Fine Arts</td>
</tr>
<tr>
<td></td>
<td>Mathematics: H Algebra 3-4 or Geometry 1-2 (H)</td>
<td></td>
<td>World Language - Minimum of 2 years of same language, encouraged 4 years</td>
</tr>
<tr>
<td></td>
<td>Science: Physical Science 1-2 (H) or H Biology 1-2</td>
<td></td>
<td>Business (Accounting 1-2 H), Accounting 3-4 (H), Info Tech Apps, Entrepreneurship</td>
</tr>
</tbody>
</table>

### Prior to graduation

- ELA: English 7-8, AP Literature and Composition
- Social Studies: World History 3-2 (AP*)
- Suggested Academy Science Elective
- Industrial Technology
- Family & Consumer Sciences
- Business
- Photo & Digital Journalism

### High School Curriculum

**Academies:**
- Aim/Upward
- JROTC
- Bound
- Vocal Music / Creighton Choir
- Talent Band
- Search NICE FFA Orchestra Student Rising Ambassadors

**Activities:**
- Academic Decathlon
- Art Club
- Book Club
- Class Officers
- French Club
- Hip-Hop Club
- Just Friends
- Latino Leaders
- Quiz Bowl
- STEM, Drones & Robotics
- Student Council
- Tennis
- Unified Basketball
- Wrestling

**Athletics:**
- Football
- Swimming
- Volleyball
- Baseball
- Softball
- Track
- Cross Country
- Golf
- Dance

### Suggested Involvement:

- AcademyCareers:
  - FBLA
  - DECA
- Student Council:
  - American Government (AP)
  - Entrepreneurship
- Business (Accounting 1-2, Accounting 3-4)
- Personal Finance
- Intro to Economics

### 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 learn, Industry tours, Job shadowing, guest speakers, internships, mock interviews, school based enterprises

### Available Industry Certification

- OSHA 30, Microsoft Certification

### 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

### 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
### Program Name: Urban Agriculture College and Career Academy 21-22
#### Pathway: Food Science

#### Program Name: Urban Agriculture College and Career Academy 21-22
#### Pathway: Natural Resources and Management Sciences

<table>
<thead>
<tr>
<th>Grade</th>
<th>Required Courses</th>
<th>Required Academy Courses</th>
<th>Suggested Academy Electives</th>
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</thead>
<tbody>
<tr>
<td>9</td>
<td>ELA: English 1-2 (H)</td>
<td>Freshman Seminar</td>
<td>Performing &amp; Fine Arts</td>
</tr>
<tr>
<td></td>
<td>Mathematics: H Algebra 3-4, Geometry 1-2 (H)</td>
<td></td>
<td>World Language</td>
</tr>
<tr>
<td></td>
<td>Science: Physical Science 1-2 (H) or H Biology</td>
<td></td>
<td>Spanish highly</td>
</tr>
<tr>
<td></td>
<td>Social Studies: U.S. History 1-2 (H)</td>
<td></td>
<td>recommended</td>
</tr>
<tr>
<td>10</td>
<td>ELA: English 3-4 (H)</td>
<td>Intro to Agriculture, Food and Natural Resources</td>
<td>(minimum of 2 years of same language, encouraged 4 years)</td>
</tr>
<tr>
<td></td>
<td>Mathematics: Algebra 1-2 (H), H Pre Calculus</td>
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<tr>
<td></td>
<td>Science: Biology 1-2 (H) or Honors Chemistry, Chemistry</td>
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<td></td>
<td>Social Studies: Human Geography (AP*) and Intro to Economics</td>
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<tr>
<td>11</td>
<td>ELA: English 5-6, AP Language and Composition</td>
<td>Food Science 1-2</td>
<td>Business Management (H)</td>
</tr>
<tr>
<td></td>
<td>Mathematics: Algebra 3-4 (H), Honors Pre Calc</td>
<td></td>
<td>Intro to Business, Principles of Business Marketing and Management (H), Info Tech Apps</td>
</tr>
<tr>
<td></td>
<td>Probability and Statistics, AP Statistics or AP Calculus*</td>
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<tr>
<td></td>
<td>Science: Chemistry, H Chemistry, AP Chemistry</td>
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<tr>
<td></td>
<td>Social Studies: World History 1-3 (AP*)</td>
<td></td>
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</tr>
<tr>
<td>12</td>
<td>ELA: English 7-8, AP Literature and Composition</td>
<td>H. Career Academy Capstone (Class of 2023)</td>
<td>Food Products and Technology</td>
</tr>
<tr>
<td></td>
<td>Science: AP Chemistry, H Chemistry</td>
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<tr>
<td></td>
<td>Social Studies: Human Geography, Personal Finance (H*)</td>
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</tr>
<tr>
<td>Prior to graduation</td>
<td>Physical Education/ROTC: 4 credits total</td>
<td></td>
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<tr>
<td></td>
<td>Human Growth and Development: 1 credit total</td>
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<tr>
<td></td>
<td>Electives: 16 credits total</td>
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<tr>
<td></td>
<td>*Denotes dual enrolled</td>
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</tr>
</tbody>
</table>

#### Prior to graduation

- Electives: 16 credits total
- *Denotes dual enrolled

### 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**

- Denoted above

**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

### Program Name: Urban Agriculture College and Career Academy 21-22
#### Pathway: Natural Resources and Management Sciences

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<td>10</td>
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<td>Intro to Agriculture Food and Natural Resources</td>
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<td>H. Career Academy Capstone</td>
<td>Power/Structure/Technical Systems in Ag</td>
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### 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**

- Denoted above

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

- Environmental Scientist - $86,000, Soil and Plant Scientist - $80,000, Natural Sciences Manager - $101,000, Environmental Engineers - $85,000, Environmental Science and Protection Technician - $51,000
## Program Name: Urban Agriculture College and Career Academy
### Pathway: Plant Science 21-22

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<td>Mathematics: Algebra 2-2</td>
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<td>Science: Biology 1-2, AP Biology* or H Environmental Science</td>
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<tr>
<td>11</td>
<td>ELA: English 5-6, AP Language and Composition</td>
<td>Plant Science</td>
<td>Business Management (H) or Intro to Business, Principles of Business Marketing and Management (H), Info Tech Apps</td>
</tr>
<tr>
<td></td>
<td>Mathematics: Algebra 3-4*(H), H Pre-Calculus</td>
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<tr>
<td></td>
<td>Probability and Statistics or AP Statistics</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Science: AP Biology* or H Environmental Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Social Studies: World History 1-2(AP*)</td>
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<tr>
<td>12</td>
<td>ELA: English 7-8, AP Literature and Composition</td>
<td>H. Career Academy Capstone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mathematics: AP Statistics, AP Calculus or Probability and Statistics</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Science: AP Biology* or H Environmental Science</td>
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</tr>
<tr>
<td></td>
<td>Social Studies: Amer. Government (AP)</td>
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</tr>
<tr>
<td></td>
<td>Physical Education: 2 credits total</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Human Growth, and Development: 1 credit total</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Electives: 16 credits total</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Prior to graduation

- *denotes dual enrolled

### Career and Technical Student Organization

- FFA

### Work-Based Learning Experiences

- Career fairs, lunch and learn, 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)

- 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

### Program Name: Urban Agriculture College and Career Academy 2021-2022
### Pathway: Animal Science

<table>
<thead>
<tr>
<th>Grade</th>
<th>Required Courses</th>
<th>Required Academy Courses</th>
<th>Suggested Academy Electives</th>
</tr>
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<tbody>
<tr>
<td>9</td>
<td>ELA: English 1-2</td>
<td>Freshman Seminar</td>
<td>Performing &amp; Fine Arts</td>
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<tr>
<td></td>
<td>Mathematics: H Algebra 3-4</td>
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<tr>
<td></td>
<td>Science: Physical Science 1-2</td>
<td>Intro to Agriculture, Food and Natural Resources</td>
<td>World Language-Spanish highly recommended (minimum of 2 years of same language, encouraged 4 years)</td>
</tr>
<tr>
<td></td>
<td>Social Studies: U.S. History 1-2</td>
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<td>10</td>
<td>ELA: English 3-4</td>
<td>H. Career Academy Capstone</td>
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<tr>
<td></td>
<td>Mathematics: Algebra 2-2</td>
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<td>Science: Biology 1-2, H Pre-Calculus</td>
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<td>Probability and Statistics, AP Statistics, AP Calculus</td>
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<td></td>
<td>Science: AP Biology* or H Environmental Science</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Social Studies: Human Geography [AP]* and Intro to Economics</td>
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</tr>
<tr>
<td>11</td>
<td>ELA: English 5-6, AP Language and Composition</td>
<td>Plant Science</td>
<td>Business Management (H) or Intro to Business, Principles of Business Marketing and Management (H), Info Tech Apps</td>
</tr>
<tr>
<td></td>
<td>Mathematics: Algebra 3-4*(H), H Pre-Calculus</td>
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<td></td>
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<td></td>
<td>Probability and Statistics, AP Statistics, AP Calculus</td>
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<tr>
<td></td>
<td>Science: AP Biology* or H Environmental Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Social Studies: World History 1-2(AP*)</td>
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</tr>
<tr>
<td>12</td>
<td>ELA: English 7-8, AP Literature and Composition</td>
<td>H. Career Academy Capstone</td>
<td></td>
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<tr>
<td></td>
<td>Science: AP Biology*, Anatomy and Physiology</td>
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<td>Social Studies: Amer. Government (AP)</td>
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<tr>
<td></td>
<td>Physical Education: 4 credits total</td>
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<td></td>
<td>Human Growth and Development: 1 credit total</td>
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<tr>
<td></td>
<td>Electives: 16 credits total</td>
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</tbody>
</table>

### Prior to graduation

- *indicates optional courses

### Career and Technical Student Organization

- FFA

### Work-Based Learning Experiences

- Career fairs, lunch and learn, industry tours, job shadowing, guest speakers, internships, mock interviews, school based enterprises

### Available Industry Certification

- ACT National Career Readiness Certification (NCRC)

### Available Dual Credit

- Denoted above

### 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
### High School Curriculum

#### Grade 9
- **Required Courses**:
  - ELA: English 1-2 (H)
  - Mathematics: Algebra 1-2 (H), Geometry 1-2 (H)
  - Science: Physical Science (H), or Biology (H)
- **Academy Electives**:
  - Freshman Seminar
  - Performing & Fine Arts
  - World Language - Spanish
- **Suggested Academy Courses**:
  - Architectural Design
  - Freshman Seminar

#### Grade 10
- **Required Courses**:
  - ELA: English 3-4 (H)
  - Mathematics: Algebra 1-2 (H), Geometry 1-2 (H), Pre-Calculus
  - Science: Biology 1-2 (H), Honors Chemistry
- **Academy Electives**:
  - CAD/Design Engineering 1-2
  - Engineering Technology 3-4
- **Suggested Academy Courses**:
  - Freshman Seminar
  - Performing & Fine Arts
  - World Language - Spanish

#### Grade 11
- **Required Courses**:
  - ELA: English 5-6, AP Language and Composition
  - Mathematics: Algebra 3-4 (H), Honors Pre-Calculus, Probability and Statistics, AP Statistics, AP Calculus®
  - Science: Chemistry (H), AP Chemistry®, AP Physics®, AP Biology®, Survey of Energy and Environmental Science (H)
- **Academy Electives**:
  - CAD/Design Engineering 1-2
  - Engineering Technology 3-4 (if Eng. Tech 1-2 taken, class of 2022-2023)
- **Suggested Academy Courses**:
  - Freshman Seminar
  - Performing & Fine Arts
  - World Language - Spanish

#### Grade 12
- **Required Courses**:
  - ELA: English 7-8, AP Literature and Composition
  - Science: AP Biology®/AP Chemistry®, AP Physics®, AP Physics®-C, Forensic Science, Forensic Science 3-4, Environmental Science (H)
- **Academy Electives**:
  - CAD/Design Engineering 1-2
  - Engineering Technology 3-4 (if Eng. Tech 1-2 taken, class of 2022-2023)

---

**Prior to graduation**
- **Required Courses**:
  - Physical Education: 4 credits total
  - Human Growth and Dev.: 1 credit total
  - Electives: 16 credits total
- **Academy Electives**:
  - Freshman Seminar
  - Performing & Fine Arts
  - World Language - Spanish

---

**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
  - Denoted above
- 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

---

**Program Name: Architecture, Construction & Design College**

**Pathway: Architectural Design 21-22**

**Program Name: Architecture, Construction & Design College**

**Pathway: Interior Design 21-22**

**Career and Technical Student Organization**

**SKILLS USA, 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 $96,071, Managers $52,557, CTE Teachers $54,563, Graphic Designers $50,499
**Program Name:** TDL College & Career Academy  
**Pathway:** Logistics and Supply Chain Management 21-22

<table>
<thead>
<tr>
<th>Grade</th>
<th>Required Courses</th>
<th>Logistics and Supply Chain Management</th>
<th>Suggested Academy Electives</th>
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<td>9</td>
<td></td>
<td></td>
<td>Freshman Seminar</td>
</tr>
<tr>
<td></td>
<td>ELA: English 1-2 (H)</td>
<td></td>
<td>Performing and Fine Arts</td>
</tr>
<tr>
<td></td>
<td>Mathematics: H Algebra 3-4 or Geometry 1-2 (H)</td>
<td></td>
<td>World Language-Spanish highly recommended (minimum of 2 years of same language, encouraged 4 years)</td>
</tr>
<tr>
<td></td>
<td>Science: Physical Science 1-2 (H) or H Biology</td>
<td></td>
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<tr>
<td></td>
<td>Social Studies: U.S. History 1-2 (H)</td>
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<tr>
<td>10</td>
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<td>TDL 1-2*</td>
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<tr>
<td></td>
<td>ELA: English 3-4 (H)</td>
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<tr>
<td></td>
<td>Mathematics: Algebra 1-2 (H), Algebra 3-4 (H) or H Pre-Calculus</td>
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<td></td>
<td>Science: Biology 1-2 (H) or Suggested Academy Science Elective</td>
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<td></td>
<td>Social Studies: Human Geography (AP*) and Intro to Economics</td>
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<td>11</td>
<td></td>
<td></td>
<td>TDL 3-4*</td>
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<tr>
<td></td>
<td>ELA: English 5-6, AP Language and Composition</td>
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</tr>
<tr>
<td></td>
<td>Mathematics: Algebra 3-4 (H), Honors Pre-Calculus, Probability and Statistics, AP Statistics or AP Calculus*</td>
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<tr>
<td></td>
<td>Suggested Academy Science Elective</td>
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<tr>
<td></td>
<td>Science: Chemistry (H), AP Chemistry*, H AP Physics*, AP Physics*</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Social Studies: World History 2-2 (AP*)</td>
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<tr>
<td>12</td>
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<td>TDL 5-6*</td>
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<tr>
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<td>ELA: English 7-8, AP Literature and Composition</td>
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<tr>
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<td>Mathematics: AP Calculus*, AP Statistics, Probability and Statistics or MCC Modular Math 1200*</td>
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<td>Suggested Academy Science Elective</td>
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<tr>
<td></td>
<td>Social Studies: Amer. Government (AP) or Personal Finance (H)</td>
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<tr>
<td></td>
<td>Physical Education/PE/CC-E: 4 credits total</td>
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<tr>
<td></td>
<td>Human Growth and Dev.: 2 credit total</td>
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<tr>
<td></td>
<td>Electives: 16 credits total</td>
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<tr>
<td></td>
<td>*Indicates Dual Enrolled</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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, Forklift 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

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**Program Name:** Architecture, Construction & Design College and Career Academy  
**Career Academy or Pathway:** Residential and Commercial Construction Technology 21-22

<table>
<thead>
<tr>
<th>Grade</th>
<th>Required Courses</th>
<th>Residential and Commercial Construction Technology</th>
<th>Suggested Academy Electives</th>
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<tbody>
<tr>
<td>9</td>
<td></td>
<td>Freshman Seminar</td>
<td>Performing and Fine Arts</td>
</tr>
<tr>
<td></td>
<td>ELA: English 1-2 (H)</td>
<td></td>
<td>World Language-Spanish highly recommended (minimum of 2 years of same language, encouraged 4 years)</td>
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<tr>
<td></td>
<td>Mathematics: H Algebra 3-4 or Geometry 1-2 (H)</td>
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<tr>
<td></td>
<td>Science: Physical Science 1-2 (H) or H Biology</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Social Studies: U.S. History 1-2 (H)</td>
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<td>10</td>
<td></td>
<td>Introduction to Construction 1-2</td>
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<tr>
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<td>ELA: English 3-4 (H)</td>
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</tr>
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<td>Mathematics: Algebra 1-2 (H), Algebra 3-4, H Pre-Calculus</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Science: Biology 1-2 (H) or Suggested Academy Science Elective</td>
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</tr>
<tr>
<td></td>
<td>Social Studies: Human Geography (AP*) and Intro to Economics</td>
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</tr>
<tr>
<td>11</td>
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<td>Industrial Materials Processing 3-4 (if Mat Pro 1-2 taken)</td>
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<td>Mathematics: Algebra 3-4 (H), Honors Pre-Calculus, Probability and Statistics, AP Statistics or AP Calculus*</td>
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<td>Social Studies: World History 3-3 (AP)</td>
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</tr>
<tr>
<td>12</td>
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<td>Industrial Materials Processing 5-6 (if Mat Pro 3-4 taken)</td>
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<td>ELA: English 7-8, AP Literature and Composition</td>
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<td>Physical Education/PE/CC-E: 4 credits total</td>
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<td>Human Growth and Dev.: 1 credit total</td>
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<td>Electives: 16 credits total</td>
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<td></td>
<td>*Indicates Dual Enrolled</td>
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<td></td>
</tr>
</tbody>
</table>

**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 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 $123,625, Brick masons $58,884, Architects $115,895, Sheet Metal Workers $60,374, Industrial Engineers $92,178
# High School Curriculum

## Program Name: TDL College & Career Academy

### Pathway: Technology and Innovation 21-22

<table>
<thead>
<tr>
<th>Grade</th>
<th>Required Courses</th>
<th>Required Academy Courses</th>
<th>Suggested Academy Electives</th>
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</thead>
<tbody>
<tr>
<td>9</td>
<td>ELA: English 1-2 (H)</td>
<td>Freshman Seminar</td>
<td>Performing and Fine Arts</td>
</tr>
<tr>
<td></td>
<td>Mathematics: H Algebra 3-4 or Geometry 1-2 (H)</td>
<td></td>
<td>World Language</td>
</tr>
<tr>
<td></td>
<td>Science: Physical Science 1-2 (H) or H Biology</td>
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<td>Spanish highly</td>
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<td>Social Studies: U.S. History 1-2 (H)</td>
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<tr>
<td>10</td>
<td>ELA: English 3-4 (H)</td>
<td>TDL 1-2*</td>
<td>Information Technology</td>
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<td>Mathematics: Algebra 1-2 (H), H Algebra 3-4 or H Pre-Calculus</td>
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<td>Applications 1-2</td>
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<tr>
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<td>Science: Biology 1-2 (H), Environmental Sci. (H)</td>
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<td>Web Design 1-2</td>
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<td>Social Studies: Human Geography (AP*) and Intro to Economics (H)</td>
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<tr>
<td>11</td>
<td>ELA: English 5-6, AP Language and Composition</td>
<td>TDL 3-4 *</td>
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<td>Mathematics: Algebra 3-4 (H), Honors Pre Calc or AP Calculus*</td>
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<tr>
<td></td>
<td>Science: H Physics, AP Physics* or Environmental Sci. (H)</td>
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<tr>
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<td>Social Studies: World History 1-2 (AP*)</td>
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<tr>
<td>12</td>
<td>ELA: English 7-8, AP Literature and Composition</td>
<td>TDL 5-6*</td>
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<td>Mathematics: AP Calculus*</td>
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<td>Science: H Physics, AP Physics* or Environmental Sci. (H)</td>
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<td>Social Studies: Amer. Government (AP)</td>
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<td>Personal Finance (**)</td>
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<tr>
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<td>Prior to graduation</td>
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<tr>
<td></td>
<td>Physical Education/ROTC/B credits total</td>
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<tr>
<td></td>
<td>Human Growth and Dev.: 1 credit total</td>
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</tr>
<tr>
<td></td>
<td>Electives: 16 credits total</td>
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<td></td>
</tr>
</tbody>
</table>

*Indicates Dual Enrolled

---

## Program Name: Teaching & Leadership College and Career Academy

### Career Academy or Pathway: Teaching as a Profession 21-22

<table>
<thead>
<tr>
<th>Grade</th>
<th>Required Courses</th>
<th>Required Academy Courses</th>
<th>Suggested Academy Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>ELA: English 1-2 (H)</td>
<td>Freshman Seminar</td>
<td>H Child Development 1-2*</td>
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<td>Mathematics: H Algebra 3-4 or Geometry 1-2 (H)</td>
<td></td>
<td>2*</td>
</tr>
<tr>
<td></td>
<td>Science: Physical Science 1-2 (H) or H Biology</td>
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</tr>
<tr>
<td></td>
<td>Social Studies: U.S. History 1-2 (H)</td>
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</tr>
<tr>
<td>10</td>
<td>ELA: English 3-4 (H)</td>
<td>Mathematics: Algebra 1-2 (H), H Algebra 3-4 or H Pre-Calculus</td>
<td>Principles of Education and Training*</td>
</tr>
<tr>
<td></td>
<td>Science: Biology 1-2 (H), Environmental Sci. (H)</td>
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<td></td>
<td>Social Studies: Human Geography (AP*) and Intro to Economics (H)</td>
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<tr>
<td>11</td>
<td>ELA: English 5-6, AP Language and Composition</td>
<td>Mathematics: Algebra 3-4 (H), Honors Pre Calc, Probability and Statistics, AP Statistics, AP Calculus*</td>
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<td></td>
<td>Science: H Physics, AP Physics* or Environmental Sci. (H)</td>
<td>Suggested Academy Science Elective</td>
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<td></td>
<td>Social Studies: World History 1-2 (AP*)</td>
<td>Social Studies: Amer. Government (AP)</td>
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<td></td>
<td>Personal Finance (**)</td>
<td>Personal Finance (**)</td>
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<tr>
<td></td>
<td>Prior to graduation</td>
<td>Physical Education/ROTC/B credits total</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Human Growth and Dev.: 1 credit total</td>
<td>Electives: 16 credits total</td>
<td></td>
</tr>
</tbody>
</table>

*Indicates Dual Enrolled

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**Career and Technical Student Organization**

**Skills USA**

**Work-Based Learning Experiences**

Career fairs, lunch and learn, Industry tours, Job shadowing, guest speakers, internships, mock interviews, school-based enterprises

**Available Industry Certification**

OSHA 10, Microsoft Certification

**Available Dual Credit**

See asterisks above

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

Civil Engineers - $90,000, Environmental Engineers - $86,000, Commercial Drone Pilot - $50,000, Autonomous Vehicle Operator

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**Career and Technical Student Organization**

**Educators Rising, FCCLA**

**Work-Based Learning Experiences**

Career fairs, lunch and learn, 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/Instructional (55K), Postsecondary Teachers (550-85K), K-12 Education Administrators (559K), Educational, School, Vocational Counselors (557K), K-12 Teachers (55K), Instructional Coordinators (50K), Librarians (50K), Postsecondary Teachers (55K), Computer Science Teachers, postsecondary (587K), Education Admin, Preschool & Childcare Center (562K), Vocational Ed Teachers, Postsecondary (580K), School Psychologist (580K), Speech-Language Pathologist (570K).
Right now you may not know exactly what your next steps are. Will you choose college? Or will you choose a career? You can choose BOTH! No matter what you choose, coming to the Career Center gives you a competitive advantage. Each of our programs includes a blend of hands-on application and theory. This means you’ll know what you need to do and actually how to do it! Wherever you’re headed in life, your CONNECTION begins here!

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 fabricate a wide range of vehicle driveline performance alongside ASE technicians.

Automotive Collision Repair
(10,11,12) 2 Credits/Semester
• Develop skills and techniques used by professionals 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.

Certified Nursing Assistant
(Must be 16 by course completion)
(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.

Zoo Academy
(11, 12) 2 Credits/Semester
• Experience unique and innovative science classes that are taught in partnership by UNMC faculty and certified high school teachers on the Henry Doorly Zoo campus.

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

Access Zoo Academy Application at https://www.omahazoo.com/zooacademy

Omaha Public Schools
Career Center
Hands-on Learning
Likable & Knowledgeable Teachers
Critical Employability Skills
Internships / Apprenticeships
Industry Certifications
Early College Credit Options
Busing/Transportation provided
Core Academic Classes offered
Counseling Services
Value

Ask your Counselor for an Application

Connecting Today’s Students
With Tomorrow’s Careers

11 Pathways
in High Demand, High Wage, and High Skill careers

Competitive Advantage

2021-22 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 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 high 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) Advanced Placement (AP)
2) Career Education (CE).

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 schools 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://ope.state.ne.us/public owingpage/ope/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.

Dual Enrollment Program

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Computer Graphics 1-2
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
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
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 3-4 or instructor permission
Course ID: 110451/110452

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

ART FACT:
Art teachers Susan Kalicki, Traci Long, and Rebekah Pilypatis all participate in community art projects.
**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 & 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 a school-based business, or actual creation of a student-run business.

Prerequisite: interest in being self-employed
Course ID: 130491

**Info. Technology 10-12**

**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 used personally and professionally.

Prerequisite: Information Technology Fundamentals 1-2
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

**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 a school-based business, or actual creation of a student-run business.

Prerequisite: interest in being self-employed
Course ID: 130491

**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 Internship**

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

**Honors Marketing 3-4**

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

**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

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 (COLLEGE LEVEL - MCC DUAL ENROLLMENT) 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. 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: 120011/120022; 120041/120042

PRINCIPLES OF BUSINESS, MARKETING & MANAGEMENT 9-12
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: 120031/120032

WEB DESIGN 1-2 (COLLEGE LEVEL - MCC DUAL ENROLLMENT) 10-12
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: 120281/130282

DRAMA 1-2 9-12
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 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: 020681/020682

STAGECRAFT 1-2 10-12
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: 021691/021692

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

ACADEMIC LITERACY 9
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: 010111/010112

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: proficient completion of English 1-2 or H. English 1-2
Course ID: 010421/010422

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: Any one of the following: Grade of "A" in English Language Arts-8 and 1, Grade of "B" or higher in Honors English Language Arts-8 and 2, MAP Reading score at or above a score determined by District English Language Arts Supervisor
Course ID: 010335/010332

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. 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 English 1-2 or H. English 1-2
Course ID: 010421/010422

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

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: 011011/011012

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 exam to earn college credit.
Prerequisite: teacher recommendation or proficient completion of all English classes.
Course ID: 011011/011012

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.
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 literary traditions. Students will also explore their own personal narratives through writing.
Prerequisite: Successful completion of English 1-2
Course ID: 010381

LITERACY SKILLS 9
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: 011811/011812

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: 010021

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

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: 030011

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 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: 010771/010372

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 or ESL 5-6. 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 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 ESLs’ 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 ESLs’ 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 ESLs’ 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.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

ESL Science

Foundations 1-2 9-12
This ESL course provides students with literacy and English language instruction through an introduction to science and science concepts.
Prerequisite: teacher recommendation
Course ID: 155411/155412

Foundations 3-4 9-12
Science Foundations 3-4 is an inquiry-based 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). 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

Foundations 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: 140721/140722

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

Computer Design 10-12

Housing 1-2
This intermediate course in the Design program of study explores housing selection and interior design through hands-on projects. Students will design interior renderings, floor plans, furniture arrangements, window treatments and storage components further implementing the elements and principles of design introduced in Textiles, Construction & Design 1-2.
Prerequisite: successful completion of Textiles, Construction & Design 1-2
Course ID: 140811/140812

Culinary Skills 1-2
10-12
This course introduces professional skills related to the culinary industry including basic cooking procedures, kitchen safety and sanitation, tool and equipment usage, and preparation of stocks and sauces, culinary knife skills and other units of study. Students will apply these skills through catering projects and experiences. eFoodHandlers certification available.
Prerequisite: “C” or better in Foods 1-2, pass safety and sanitation assessment with a “C” or better in order to stay enrolled in the course.
Course ID: 140631/140632

Education & Training 11-12

Internship
This internship program provides 12th grade students with an individual career experience in the community. The internship is a supplement for formal classroom instruction. Students will meet periodically throughout the experience and be observed by the teacher-coordinator. Students plan their internship with a teacher-coordinator and participate in an educational experience. Must provide own transportation during entire internship experience.
Prerequisite: successfully complete Honors Introduction to Education and obtain approval by teacher-coordinator
Course ID: 187601/187602

F & C Science

Fact:
One of the students in Edu- cators Rising won 3rd place in the nation with a book he wrote/illustrated at the National Educators Rising Conference.

National Edu- cators Rising
**Family & Consumer Science**

**Foundations of Health Care**
10-12
Introduction to Health Science is designed to give an overview of the therapeutic, diagnostic, support services, biotechnology & research and health informatics pathways. The course focuses on health careers, exploration, leadership development, medical terminology, ethical and legal responsibilities, the history of health care and the economics of health care.

Prerequisite: successful completion or currently enrolled in Biology
Course ID: 074061/074062

**Family Living 1-2**
10-12
This course focuses on the family as the basic unit of society, recognizing the diversity and responsibilities included in maintaining a strong family. Skills are strengthened in resource management, decision-making, communication skills, developing healthy relationships, and crisis management.

Prerequisite: none
Course ID: 140791/140792

**Food Science 1-2**
10-12
Food science is the application of scientific principles to create and maintain a wholesome food supply. The food industry segments of production, processing, preparation, evaluation, and marketing are investigated. Food Science integrates consumerism, chemistry, biology, physics, psychology and agricultural processes. The course uses specific scientific methods and laboratory experiments through hands-on, project-based applications to better understand the food industry.

Prerequisite: Foods & Nutrition 1-2 and Chemistry 1-2
Course ID: 140821/140822

**Honors Introduction to Education**
10-12
(College Level- UNO Dual Enrollment)
This course will expose students to the education profession through an introduction to pre-service preparation, societal influences on education, classroom practices, and the governance structures which impact teachers and schools. This course is aligned with a dual enrollment opportunity for eligible students. A field experience is encouraged.

Prerequisite: none
Course ID: 141031/141032

**Human Growth & Development**
10
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

**Lifespan Development**
10
Course description TBA
Prerequisite: TBA
Course ID: TBA

**Principles of Education and Training**
10
Course description TBA
Prerequisite: TBA
Course ID: TBA

**Textiles, Construction & Design 1-2**
9-12
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: none

**Textile Construction & Design 3-4**
10-12
This intermediate Design program of study course expands upon the elements and principles of design learned in Textiles, Construction & Design 1-2. Hands-on projects combine sewing construction techniques, fashion trends, consumer skills, fibers and fabrics. This course also incorporates creative and technical design skills that are required in the clothing, textiles and fashion industry.

Prerequisite: C or better in Introduction to Textiles, Fashion & Interior Design 1-2
Course ID: 40271/ 40272

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**F & C Science Fact:**
Leadership and career exploration opportunities are available through Educators Rising, FCCLA and the Urban Agriculture Career Academy/FFA organizations.

**FACT:**
F & C Science integrates consumerism, chemistry, biology, physics, psychology and agricultural processes. The course uses specific scientific methods and laboratory experiments through hands-on, project-based applications to better understand the food industry.
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 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 Photographic 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 1-2 9-11
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 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 Photographic and Digital Journalism. It also requires Journalism Adviser permission.
Course ID: 022451-022452

Honors Digital 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 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 Photographic 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 the third year of newspaper students.
Prerequisites: Successful completion of a "C" or higher in Honors Newspaper 1-2 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 Photographic 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 1-2 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

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

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

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**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: none

Course ID: 040271/040272

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**HONORS ALGEBRA 1-2**

**10**

This course is the honors section of Algebra 1-2. It covers traditional algebra topics including operations with signed numbers and polynomials, solving first- and second-degree equations, verbal problems, systems of linear equations, graphing and writing linear equations and inequalities, and simplifying exponential expressions. As an honors class, these topics will be covered in greater depth and with enrichment.

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, MAP Math score at or above a score determined by District Math Supervisor

Course ID: 040381/040382

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**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: Algebra 1-2

Course ID: 040291/040292

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**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, MAP Math score at or above a score determined by District Math Supervisor

Course ID: 040381/040382

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**BRIDGE TO ALGEBRA 3-4**

**11-12**

This course is designed to prepare struggling students for Algebra 3-4. It is an intensive review of geometry topics including 2 and 3 dimensional measurement, Pythagorean Theorem, congruence, similarity, and coordinate geometry and an intensive review of basic algebra topics including solving and writing linear, quadratic, and systems of equations, graphing, exponent rules. Through the coursework, struggling students will be better prepared and more mature mathematically to meet the challenge of Algebra 3-4 content.

Prerequisite: Algebra 1-2, Geometry, and only by Math department placement.

Course ID: 040341/040342

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**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 Pre-Calculus/Trigonometry Course ID: 040451/040452

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**GEOMETRY 1-2**

**9-12**

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: none

Course ID: 040381/040382

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**HONORS GEOMETRY 1-2**

**9**

This 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: 040381/040382

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**HONORS PRE-CALCULUS**

**11-12**

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-Cal/Trig 1-2 as 9th graders have been on a unique accelerated path since 8th 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

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**MATH FACT:**

It is recommended that students who plan to attend a four year college, take four years of math in high school.
MATH FACT: Having a solid background in math is very much like understanding a useful, universal language.

Probability & Statistics 11-12

This course offers a study of statistical methods and would be of use for any student planning to pursue professional study in medicine, biology, sociology, psychology, economics, or business. The content includes permutations, combinations, axiomatic probability, organizing and reporting data, binomial and normal distributions, sampling distributions, hypothesis testing, and confidence intervals.

Prerequisite: Algebra 3-4
Course ID: 040510/040520

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 Pre-Calculus/Trigonometry
Course ID: 040410/040420

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: 070810 / 070820

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 1 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 knowledge 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.

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.

Prerequisite: JROTC 1-2
Course ID: 070821/070822

JROTC Fact: JROTC teaches leadership, self-discipline, confidence, organization, ethics, integrity, and responsibility.
JROTC FACT:
One of our cadets was the recipient of the Legion of Valor Bronze Cross for Achievement in 2019-20.

JROTC 5-6
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 1 and 2 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 areas of the JROTC program and continue 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 will move you 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 for selected cadets with instructor permission.

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

Honors JROTC 7-8
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 1-3 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 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 will move you 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 for selected cadets with instructor permission.

Prerequisite: Successful completion of JROTC 3-4 (Let 2)
Course 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
Course ID: 070501/070502

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

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.
**If you complete three or more years of junior ROTC, you may be eligible 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.**

**COLOR GUARD**

**9-12**  
**Course 1-2**  
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.

**Pre-requisite:** Must be enrolled in a JROTC LET Course  
**Course:** 070631/070632

**COLOR GUARD**

**10-12**  
**Course 3-4**  
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 command- ers. 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.

**Pre-requisite:** Must be enrolled in a JROTC LET / Course Requires Instructor Permission  
**Course:** 070631/070632

**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.

**Pre-requisite:** 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.

**Pre-requisite:** audition after successful completion of one year of a choral ensemble.  
**Course ID:** 190281/190282

**HONORS CONCERT CHA**

**10-12**  
**CHOIR**  
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.

**Pre-requisite:** audition and instructor approval required.  
**Course ID:** 190351/190352

**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.

**Pre-requisite:** 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

**Mixed Chorus** 9-12
This course is offered to any student who desires a choral experience. It is preparatory for advanced choral participation. The classroom emphasis stresses vocal development in an introduction of basic high school choral literature. Performance opportunities are an extension of the classroom activities.

**Notes:** There will be weekly textbook assignments done in class and tests over this material. This course is offered to any student who desires a choral experience. It is preparatory for advanced choral participation. The classroom emphasis stresses vocal development in an introduction of basic high school choral literature. Students are required to participate in all scheduled performances. Most performances are outside of the school day.

**Prerequisite:** The desire to learn about music and a love of singing

**Course ID:** 190321/190322

**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.

**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 or successful completion of 8th grade Orchestra

**Course ID:** 190341/190342

**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 Man's Chorus, or Treble Chorus; students need to enroll in Concert Choir also

**Course ID:** 190331/190332

**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.

**Prerequisite:** Audition and/or permission of instructor

**Course ID:** 190341/190342

**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** 9-12
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

**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

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

Physical Education

**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:** 070210/070220

**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: none
Course ID: 070381/070382

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 literary strategies into summative projects. Laboratory dissections are required.
Prerequisite: Physical Science 1-2 and Biology 1-2
Course ID: 060391/060392

Biography 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 11-12
(AP College Level: UND Dual Enrollment)
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 interrelationships 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: 060591/060592

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: 060651/060652

Science

SCIENCE FACT:
Science is the study of our natural world. That knowledge is fundamental to everything we as humans do in life.
AP Chemistry 1-2  10-12
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, and Algebra 1-2. Completion of, or concurrent enrollment in, Algebra 3-4 is recommended.
Course ID: 060511/060522

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: 061511/061512

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: 060511/060522

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: 061311/061332

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: 060511/060522

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

H. Physics 1-2  10-12
This course 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, and Algebra 1-2 (concurrent enrollment in, or previous completion of, Biology is recommended as Biology is a high school graduation requirement)
Course ID: 061661/061662

AP Chemistry 1-2  10-12
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. Concurrent enrollment in, or previous completion of, Biology is recommended as Biology is a high school graduation requirement.
Course ID: 051661/061662

AP Physics 1-2  10-12
AP Physics is the equivalent to first-semester college course in Physics. This course covers mechanics, including rotational dynamics, energy, waves, and special relativity.
Prerequisite: successful completion of Physical Science 1-2, Algebra 1-2, and Geometry 1-2. Concurrent enrollment in, or previous completion of, Biology is recommended as Biology is a high school graduation requirement.
Course ID: 051661/061662

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

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: 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!
SKILLED & TECHNICAL SCIENCES

CAD/Design 10-11
ENGINEERING 1-2
This course will introduce the student to basic drafting skills, technology, and introductory applications of graphic communications. The development of visualization skills, sketching, and the use of software programs used in computer aided drafting (CAD).
Prerequisite: none
Course ID: 170211/170212

CAD/Design 11-12
ENGINEERING 3-4
This course will further develop skills introduced in CAS/Design Engineering 1-2 to produce complete, accurate drawings. Applications of computer aided drafting will be emphasized. Continued development of CAD skills will be stressed.
Prerequisite: CAD/Design 1-2
Course ID: 170221/170222

INDUSTRIAL MATERIALS & PROCESSES 11-12
This course is an extension of Industrial Materials and Processes 1-2. In this second year course, more advanced problems and techniques are taught. These include both individual and group activities involving production of various products. Application of knowledge and skill is emphasized. Students must pass safety tests over all machinery used. If students do not complete all safety tests with 100% accuracy, they will not remain eligible to complete the course.
Prerequisite: Industrial Materials Processes 3-4
Course ID: 170401/170402

INDUSTRIAL MATERIALS & PROCESSES 5-6
This course is an extension of Industrial Materials and Processes 3-4. In this third year course, more advanced problems and techniques are taught. These include both individual and group activities involving production of various products. Application of knowledge and skill is emphasized. Students must pass safety tests over all machinery used. If students do not complete all safety tests with 100% accuracy, they will not remain eligible to complete the course.
Prerequisite: Industrial Materials Processes 3-4
Course ID: 170401/170402

INTRO TO CONSTRUCTION 10-11
Introduction to Construction is a course that will offer hands-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: none
Course ID: 170811/170812

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

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 material.
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: 030251

HONORS INTRODUCTION TO ECONOMICS 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 (COLLEGE LEVEL/UNI 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
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

SKILLED & TECHNICAL SCIENCES

FACT
Laborers and equipment operators who enter management through schooling and industry experience can look forward to very high wages.
Students get a sense of how the land, the people and the culture have shaped them.

**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: 030111

**AP Human Geography 1-2**
(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 course focusing on the acquisition of 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

**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

**Psychology 1-2**
(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 History 1-2**
This course focuses on the acquisition of a greater understanding of America's system of law. Effective participation within America's legal structure will be highlighted. This is a semester course.

Prerequisite: none
Course ID: 030710

**Honors United States 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 World History 1-2**
(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: 030411/030432

**Honors World History 1-2**
(College Level - Midland University Dual Enrollment)
The purpose of this 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
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-evaluating.
- 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’s IEP may 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 on 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-occupational 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, memo- rization, decision making, goal setting, communication skills, listening skills, and information sources. Tutorial assistance and recommendation 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

### Reading S 1-2

**9-12**

This course emphasizes word recognition, comprehension, reading experience and vocabulary development. The reading program is based on the identified individual needs of students. Teacher recommendation is required.

**Prerequisite:** meets IEP requirements & teacher recommendation

**Course ID:** 090321/090322

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**SPECIAL EDUCATION FACT:**

Students take part in the Sports Classic which is a competition of three different class games.
**Urban Agriculture**

**Agribusiness** 10-12  
*College Level - MCC Dual Enrollment*  
This course will cover the many aspects of agriculture business in our community and state. This class will begin with students learning how to use the many agriculturally related financial management tools. Next, the students will market the many agriculture commodities in the United States and globally. Last, the students will enhance their interpersonal skills by preparing a professional portfolio that will be used in a mock interview.  
**Prerequisite:** Introduction to Agriculture, Food and Natural Resources  
**Course ID:** 173031

**Agriculture Power, Structure, and Technical Systems** 10-12  
This course will cover the many technical aspects of agriculture. Students will learn basic lab procedures and safety guidelines. Topics such as fasteners, adhesives, and complimentary tools used within agricultural structures will be explored. Students will identify the various material types and properties while they use this information to select proper tools and application. A final project will allow students to process and design a product with an agricultural based theme.  
**Prerequisite:** successful completion of Introduction to Agriculture, Food and Natural Resources  
**Course ID:** 70351

**Food Science 1-2** 10-12  
Food science is the application of scientific principles to create and maintain a wholesome food supply. The food industry segments of production, processing, preparation, evaluation, and marketing are investigated. Food Science integrates consumerism, chemistry, biology, physics, psychology and agricultural processes. The course uses specific scientific methods and laboratory experiments through hands-on, project-based applications to better understand the food industry.  
**Prerequisite:** Foods & Nutrition 1-2 and Chemistry 1-2  
**Course ID:** 14821/14822

**Animal Science** 10-12  
*College Level - NCTA Dual Enrollment*  
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

**Introduction to Agriculture, Food, and Natural Resources** 9-10  
*College Level - MCC Dual Enrollment*  
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

**Natural Resources in Agriculture** 10-12  
*College Level - NCTA Dual Enrollment*  
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:** Food Science 1-2  
**Course ID:** 173041

**Plant Science** 10-12  
*College Level - MCC Dual Enrollment*  
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

**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

**Honors Agriculture and Natural Resources Internship** 12  
The internship provides 12th grade students in the Agriculture Academy with an individual career experience in the community. The internship is a supplement to formal classroom instruction. Students plan their internship with a teacher-coordinator and participate in a paid or unpaid occupational experience.  
**Prerequisite:** Teacher-coordinator approval and, successful completion/concurrent enrollment in corresponding courses  
**Course ID:** 187041

**Urban Agriculture Fact:** Bryan High’s Urban Agriculture Academy was named a national model academy.
World Languages & Cultures

French 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: 160301/160302

French 3-4 9-12
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 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: Grade of “C” or better in French 1-2 or teacher recommendation.
Course ID: 160311/160312

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 Spanish 1-2 strongly recommended.
Course ID: 160511/160512

Spanish 3-4 9-12
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 3-4 or teacher recommendation.
Course ID: 160501/160502

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: Grade of C or better in Spanish 5-6 strongly recommended.
Course ID: 161121/161122

AP Spanish Language and Culture

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: 160881/160882

AP Spanish Literature & Culture

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 proficiencies 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: Two years of World Language are required for admission into most colleges.
Spanish for Spanish Speakers 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: Successful completion of Spanish for Spanish Speakers 1-2 with a C or better, or teacher recommendation.
Course ID: 160851/160852

Spanish for Spanish Speakers 3-4
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: Must speak Spanish fluently.
Course ID: 160861/160862

Honors Spanish for Spanish Speakers 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

Spanish for Spanish Speakers 1-2
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

NCAA Division I Requirements

Core-Course Requirement
Complete 16 core courses in the following areas:

**ENGLISH**
- 4 years

**MATH**
- 3 years
  - (Algebra I or higher)

**NATURAL/PHYSICAL SCIENCE**
- 2 years
  - (Including one year of lab, if offered)

**SOCIAL SCIENCE**
- 2 years

**ADDITIONAL COURSES**
- (Any area listed to the left, foreign language or comparative religion/philosophy)
- 4 years

- (English, math, or natural/physical science)
- 1 year

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.
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 Requirements

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<th>Core GPA</th>
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<th>Old SAT (Prior to 3/2016)</th>
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### Division II Requirements

**Full 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 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.

**NonQualifier:**
- College-bound student-athletes may not practice, compete or receive athletics scholarships.

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

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

**Academic Redshirt**

The NCAA is a trademark of the National Collegiate Athletic Association.
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.

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<th>Core GPA</th>
<th>New SAT*</th>
<th>Old SAT</th>
<th>ACT Sum</th>
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Division II Requirements

Division II Partial Qualifier Sliding Scale
USE FOR DIVISION II BEGINNING AUGUST 2018

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Division II Full Qualifier Sliding Scale
USE FOR DIVISION II BEGINNING AUGUST 2018

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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.

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.