

2024-2025
Course Selection Handbook
9th-12th Grades



COMMUNITY SCHOOL DISTRICT



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School Administrators

Johnston High School (10-12th grades)

515-278-0449

Ryan Woods, Principal

Kyla Burns, Associate Principal

Randy Klein, Associate Principal

Cole Van Vark, Assistant Principal

Johnston Middle School (9th grade)

515-278-0476

Luke Dillon, Principal

Tron England, Associate Principal

Ben Chadwick, Assistant Principal

School Counselors

Johnston High School (10-12th grades)

515-278-0779

Emma Copeland (last names A - By)

Sarah Love (last names Ca - Ha)

Susan Baker (last names He - Max)

Lindsey Gannon (last names May-Sa)

Brett Whittle (last names Sc - Z)

Johnston Middle School (9th grade)

515-278-1544

Kayla Lunn (last names A-G)

Abbey Moomaw (last names H-N)

Carlie Fitzgerald (last names O-Z)

All information contained in this course selection handbook is subject to change. Due to various internal and external factors that may occur after printing this handbook, please consider the process of student registration a fluid one. Changes in personnel, federal and state requirements, and budgetary constraints are all factors that force the Counseling Department and/or Principal's office to make changes during the process. This may include altering, adding, or dropping course offerings that are listed in this handbook. We appreciate your patience and understanding.

Welcome

The following pages represent a brief summary of the courses and activities offered to students grades 9-12.

The program is arranged to provide for the individual needs of all students through required courses, elective courses and school activities. Because each student differs in abilities, aptitudes, talents and interests, the school program is designed to permit individual expansion into those areas of learning and activity, which will permit optimum educational growth and personal development.

Members of the faculty and administration are ready to help you with both your educational and personal concerns whenever necessary. If you have any questions, please notify the High School Counseling Office at (515) 278-0779 or the High School Administrative Office at (515) 278-0449. If your student is in ninth grade please contact Johnston Middle School at (515) 278-0476.

Non-Discrimination Statement

It is the policy of the Johnston Community School District not to illegally discriminate on the basis of race, color, national origin, gender, disability, religion, creed, age (for employment), marital status (for programs), sexual orientation, gender identity, and socioeconomic status (for programs) in its educational programs and its employment practices.

There is a grievance procedure for processing complaints of discrimination. If you have questions or a grievance related to this policy please contact Dr. Nate Zittergruen, Director of Human Resources, 6510 NW 62nd Ave, Johnston, Iowa 50131, (515) 278-0470, nate.zittergruen@johnston.k12.ia.us.

Johnston Community District Mission and Vision

Mission

We commit all district resources to guide the learning of all students to graduate as confident learners with character, knowledge, and the skills to excel in any endeavor they pursue.

Vision

Creating a culture of excellence where students come first.

GRADUATION REQUIREMENTS

Johnston High School is continually striving to enhance the educational quality of its program. This effort includes revising graduation requirements to meet the changing needs of students. The following are minimum graduation requirements for Johnston students. Most students will choose to go beyond the minimum requirements needed for graduation.

The traditional high school experience is four years. Students may either accelerate or slow down their studies to arrive at graduation. For purposes of classification, credits will be determined at the end of the previous school year. Students intending to accelerate their studies need to plan their high school course sequence accordingly. Students should schedule an appointment with their school counselor to arrange their schedules.

Students successfully completing recommended course loads should earn enough credit to graduate in four years. Fewer than the recommended number of classes may result in extra years required to graduate and/or loss of athletic eligibility.

Required Courses for Graduation

Department/Course	Number of credits* required for graduation (equivalent to:)	Other notes
English	4.0 Credits (8 semesters)	
Financial Literacy	0.5 Credits (1 semester)	
Health	0.5 Credits (1 semester)	Includes state CPR requirement
Mathematics	3.0 Credits (6 semesters)	
PE	2.0 Credits (4 semesters)	Students must take .5 credits of P.E. each year unless they qualify for PE exemption. Refer to the section on PE exemption below.
Science	3.0 Credits (6 semesters)	
Social Studies	3.5 Credits (7 semesters)	One semester each of Topics of History, Principles of Economics, and American Government One year each of World Studies and U.S. History
Elective	8.5 Credits	Credits taken in core area above the required number will be counted as elective credit
TOTAL Credits Required for Graduation	25 credits	

* The term "credit" is the same as the term "unit" in Board Policy 605.4.

EXPLANATION OF CREDITS

0.5 credit is earned per class each semester with the following exceptions:

Block Class	1 credit
School to Work	1 credit
Freshman Chorus	0.25 credit
Mixed Chorus	0.25 credit
Show Choir	0.25 credit
A day/B day PE	0.25 credit

Driver's Education does not count as a credit toward graduation.

GRADUATION

Students classified as a senior may plan on graduation. Seniors who have developed a plan and are accepted and approved by the Johnston High School administration for fulfilling Johnston High School graduation requirements in the summer following their senior year, may participate in commencement ceremonies.

Any student who has met the requirements for graduation and who follows the rules set by the administration for the ceremony will be allowed to participate in commencement ceremonies. If, for any reason, a student does not participate in commencement ceremonies, the student shall still receive his or her final progress report and diploma for completion of graduation requirements.

EARLY GRADUATION

Generally, students will be required to complete the necessary coursework and graduate from high school at the end of grade 12. Students may graduate prior to this time if they meet the minimum graduation requirements as stated in board policy, and have approval of the Board and a recommendation by the high school principal. Any student desiring early graduation must complete the Early Graduation Contract and submit the application to the Counseling Office prior to the anticipated date of graduation or as deemed appropriate by administration. Interested students need to set up a meeting with their counselor to discuss this option.

Upon completion of graduation requirements, a student will no longer be considered a student and will become an alumnus of the school district. A student who graduates early may participate in Commencement exercises.

COURSE PLANNING

One of your most important tasks while in high school is planning your high school program of study. This involves decisions based on an understanding of two areas of knowledge, Self-Knowledge (your abilities, interests, and values), and Occupational Knowledge (understanding what careers are available and the requirements of a career that you are considering entering). In most instances this will involve some training and/or education beyond high school. This means you must prepare while in high school for courses you will be taking in college, vocational schools, community college, military programs, or on-the-job training programs. It is the intent of Johnston High School to offer the courses listed in this handbook. Changes in personnel, federal and state requirements, budgetary constraints, and enrollment are all factors that may impact course offerings.

Johnston High School strongly encourages you to meet with your counselor to explore careers and plan a course of study for high school and beyond.

Timeline and Resources for Course Selection

- December/January: 9-11th grade students review four-year plans and REQUEST courses for following year
- January/February: Parents and guardians have the opportunity to participate in virtual meetings with counselors to learn about course planning
- March: Families have the opportunity to review their child's four-year plan and approve course requests
- May: Students may review and change their REQUESTS, based on reasons listed below
- Late July: Students may review and change their REQUESTS, based on reasons listed below
- Mid-August: After schedules are released mid-August, there will be no schedule changes.
- Watch for emails with exact dates and procedures to change REQUESTS.

Course Selection and Change Policy

Students should select courses carefully with the assistance of their families, teachers and the Counseling Office. Requests for course changes should be the exception. We will attempt to construct a schedule that will let students take the courses they request. Once a student's course requests for the upcoming year are made, the acceptable reasons for changing requests are:

- **Level Change:** The student would like to move from one level of course to another. For example, move from regular World History to AP World History. This move must be approved by the parent, teacher and counselor.
- **Computer and/or clerical error.** Course requests will be entered by the student into Infinite Campus and reviewed by parents, if there is an error in the clerical move from course planning into the school's scheduling program, the change will be considered for approval.
- **Special Education/At-Risk/ELL/Special Programming** placement changes. The course request change must be related to the student's need for a course based upon placement.
- **Failure to meet a course prerequisite.**
- **Seniors who must enroll in a course to meet graduation requirements** or college entrance requirements. Student may need to provide documentation for the change to be considered for approval.

Course Loads

Sophomores and Juniors must take 12 JHS credit courses over two semesters. Study Hall and DMACC online courses do not count towards the minimum of twelve courses.

Seniors must have at least 10 JHS credit courses over two semesters. Study Hall and DMACC online courses do not count towards the minimum of twelve courses.

Physical Education Exemption

Students who meet the qualifications for a Physical Education (PE) exemption as outlined in the Johnston High School Parent/Guardian/Student Handbook will be exempt from taking PE each year they qualify for exemption. Exemption from PE will earn the student .5 credits in Physical Education when they fulfill an activity below during that school year. Physical Education exemption does not change the total number of credits required by students for graduation. Students can reach out to their counselor to complete the PE Exemption Waiver form. The following list of activities qualifies a student for PE Exemption.

1. To enroll in academic courses not otherwise available to the student.
2. To enroll in a work-based learning program or other educational program authorized by the school which requires the student to leave the school premises during the school day, such as off-site DMACC classes and school to work.
3. If a student is involved in an activity sponsored by the school which requires at least as much physical activity per week as one-eighth unit of physical education such as being a member of an athletic team, show choir, marching band or color guard.
4. The student is enrolled in a junior reserve officers' training corps.

Open Periods

Juniors and seniors may have Open Periods in their day. Attendance is taken for every period that a student is assigned to a class. If the schedule states "open period" a student may leave campus or remain on campus in an approved location.

Sophomores may have an open period in their day if their parent/guardian provides written permission for them to drop a study hall from first or eighth period only. Sophomore students who drop a first or eighth period study hall class must have transportation to leave campus during those open periods. Sophomore students who do not comply with the open period agreement will be placed back into the dropped study hall class immediately and held to course attendance expectations.

Dropping Courses

Students will be allowed to drop a course within the first five weeks of each semester, as long as they still maintain the minimum number of required courses, and required JHS paperwork is complete. In the first five weeks of a semester, students may transfer from an AP or Advanced level course to a similar regular level course, without penalty, as long as the student transfers their current grade with them at time of transfer.

As long as a student's minimum course load requirements are maintained, students can drop a DMACC dual-enrolled class based on dates determined by DMACC: After 7 weeks into class, will receive a W on DMACC transcript and not show at all on JHS transcript

After 12 weeks into class, will receive an F on DMACC transcript and F on JHS transcript. It is the student's responsibility to be aware of drop dates for DMACC courses regardless of modality. Specific dates will be communicated by the counseling department each semester.

Retaking Courses

Students may repeat classes previously taken at JMS & JHS. If students choose to repeat a class, the following rules and procedures will be in effect:

- The repeated class must be taken in the same format as originally taken within the district .
- Credit will only be awarded once for a class. Students cannot gain additional credit by repeating a class.
- The grade earned in the repeated class will be used to calculate the student's cumulative GPA.
- The original courses and grades will show on the transcript, but will not be used in any cumulative GPA calculations.
- Students may drop a class they're repeating up to three weeks prior to the end of the semester. If the class is dropped by the appropriate date, the grade and credit from the earlier class will remain. The dropped class will not show on the transcript. Courses not dropped by the appropriate date will be used in the cumulative records and students could lose credit by failing a class they previously passed.
- Students requesting to repeat a class must complete a "Retake" form and return it to the Counseling Office prior to starting the repeated class.
- Repeat courses must be taken within two semesters of completion of the original course.
- Students can not repeat a course that has been used as a prerequisite for the subsequent course.
- Acceptance into a class is subject to availability of seats in the class.
- Requests that don't meet the above guidelines are subject to administrative approval.

GRADING POLICY

A dual reporting system is used. Both an unweighted 4.0 scale and a weighted 5.0 scale will be reported. Both weighted and unweighted grade averages will be displayed on transcripts.

Unweighted grades are awarded on an A's= 4.0, B's= 3.0, C's= 2.0, D's= 1.0, F= 0 basis. Individual teachers determine what is needed to achieve these grades. Teachers may award + or - grades, but these are not reflected in the GPA (Grade Point Average).

In the weighted grading calculation, A's= 5.0; B's= 4.0; C's= 3.0; D's= 2.0, F= 0. The following classes are weighted:

- Advanced Placement courses as developed and approved by the College Board.
- PSEO classes that have been approved by the Principal or designee.
- DMACC Classes: Students may choose to take dual credit DMACC courses for credit hours. While JHS does not use the "+" or "-" grade designations, DMACC does.
- Transfer transcripts will be evaluated by Principal or designee and weighting assigned based on local weighted course standards.

POST-SECONDARY PLANNING

Recommended Curriculum for Students Planning on Postsecondary Education

Courses	JHS Graduation Requirement	Minimum Suggested College Preparation
English	4.0 Credits	4.0 Credits
Social Studies	3.5 Credits	3.5 Credits
Math	3.0 Credits	3.0 Credits (Algebra 2)
Science	3.0 Credits	3.0 Credits (Chemistry or Physics)
Financial Literacy	0.5 Credits	0.5 Credits
World Language	0.0 Credits	2.0 Credits (1)
Health	0.5 Credits	0.5 Credits
PE	2.0 Credits	2.0 Credits
Electives	8.5 Credits	8.5+ Credits (2)
TOTAL Credits	25 Credits	26.5+ Credits (3)

1. World Language may not be required for students attending a two-year college. Most four-year colleges and universities require two years of the same world language for admission. In addition, some majors/colleges will require 4 years for graduation. Please check with the post-secondary school you are interested in before registering for these classes. JHS encourages students to discuss world language options/requirements with their school counselor.
2. Electives chosen should include courses that relate to the student's area of interest, increase the student's breadth of knowledge or be additional courses in academic areas.
3. The best college preparation is achieved by taking the most high school courses and/or the most demanding high school courses.

Regent Admission Index (RAI Score)*

Iowa high school graduates must achieve a Regent Admission Index (RAI) score of at least 245 and take the minimum number of required high school courses to qualify for automatic admission as freshmen to Iowa State University, the University of Northern Iowa, and the College of Liberal Arts and Sciences at the University of Iowa. Students who achieve a score less than 245 will be considered for admission on an individual basis. Students may visit the Iowa Board of Regents website (iowaregents.edu) for more information and to access a RAI calculator.

*If a course can be counted towards a student's RAI, it will be designated as a yes under the RAI column in this handbook for each course. JHS strongly encourages students to meet with their high school counselor to make sure they are able to meet admission/RAI score requirements.

National Collegiate Athletic Association (NCAA)

Students interested in playing college division I or II athletics must register and be cleared by the NCAA in order to participate. NCAA will review a student's test scores, academic record and NCAA approved courses in order for a student to be cleared. Specific requirements are present for Division I and Division II athletics and not all JHS courses can be counted towards NCAA eligibility. Students are strongly encouraged to meet with their high school counselor to discuss requirements for eligibility and be mindful of NCAA approved courses prior to course registration. Courses that count for NCAA will be marked with a yes under the NCAA heading.

Naviance: Family Connections

Family Connections, by NAVIANCE offers students a comprehensive computerized program for career exploration and planning, a component that is required by the state for all high school students. The system includes interest and skills inventories, databases for occupations, postsecondary trade and technical schools/colleges/universities and financial aid resources. All students have access to this system utilizing their current login and password that they use for all school technologies. Family Connection is utilized as a part of the JMS & JHS Advisory curriculum and JHS parents will have their own access available. The website is <http://connection.naviance.com/johnstonsenior>

Extended Learning Program (ELP)

The ELP program is designed to serve students whose academic strengths require individual programming to meet their educational needs beyond the core curriculum.

The identification procedure includes multiple criteria: student application, parent feedback, teacher recommendations, standardized test scores, an informal interview with ELP teacher, and other factors as they become available. Identification is based upon evidence of very high performance, or potential for performance, in creative thinking and/or critical thinking overall, or in a specific subject area.

Student motivation and initiative figure significantly into the identification procedure, so interested students should meet with the building ELP teacher, for more information if needed.

ELP Middle School teacher: Cheryl Smith Cheryl.smith@johnston.k12.ia.us

ELP High School teacher: Sue Cline scline@johnston.k12.ia.us

Instructional Coach - ELP Specialist: Nikki Paradise-Williams nparadise-williams@johnston.k12.ia.us

EARNING COLLEGE CREDIT

AP (Advanced Placement) Courses*

The Advanced Placement Program® (AP) enables willing and academically prepared students to pursue college-level studies while still in high school. The program consists of college-level courses developed by the AP Program through College Board. The courses are taught in high schools and the schools can choose to offer corresponding AP exams that are administered once a year.

A student that takes an Advanced Placement test may earn college credit, placement, or both by earning a qualifying AP exam score. The placement and credit is determined and granted by the receiving college program. For more information, please see the AP College Board website for more information: <https://apstudents.collegeboard.org/>

Please know that an AP course can be both AP as well as dual credit. However, not all AP courses are Dual Credit.

DMACC - JHS Concurrent Enrollment Courses (Dual Credit)*

Johnston High School collaborates with Des Moines Area Community College (DMACC) to provide students the opportunity to earn college credit for several Johnston High School classes. College credit can only be approved when courses are articulated and instructors meet DMACC certification standards. Students should check with their intended post-secondary institution for how the dual credit will transfer as each college may review the credits for transfer differently or have specific requirements for how the credit will be counted. Students are responsible for submission of their DMACC Dual Credit transcript to their college/university.

The Iowa Department of Education has determined that students who wish to take a dual credit class/college class at JHS, DMACC online, or at DMACC, must be proficient on ISASP - reading, math and science. Additional details on this Iowa law and alternative ways to show proficiency can be found in the updated Board policy (604.6).

*Courses that are designated as a Dual Credit will be indicated in the course descriptions within the following sections of the course selection handbook.

OFF-CAMPUS OPTIONS

Career Academy Programs (DMACC)

DMACC offers a number of career courses on their campuses that allow senior Johnston High School students to earn college credit. Each program requires students to be absent 3 periods per day from Johnston High School and requires that students provide their own transportation to the DMACC campus. Career Academy courses are offered at the Ankeny and Southridge campuses. Program brochures are available in the Counseling Office.

Students participating in the Career Academy Program at DMACC are expected to be in good standing at JHS. This includes but is not limited to attendance for both JHS and DMACC classes and grades. Students who are credit deficient and/or fail to maintain a C- or better in their Career Academy courses will not be allowed to continue at DMACC 2nd semester.

*A list of approved Career Academy Program courses can be found within the Off-Campus section of the course selection handbook. Any student wishing to enroll in a Career Academy course should schedule a meeting with their counselor as there are travel and scheduling considerations.

DMACC Online Courses

Johnston Middle & High School are honored to partner with DMACC to provide online college classes for Johnston students in grades 9-12. These college classes are offered in the Fall and Spring semesters. Registration for these courses will occur during the semester prior to the course offering. If a student chooses to sign up for a DMACC online course, they must complete a Johnston High School & DMACC Dual enrollment Memo of Understanding and reach out to their counselor to get registered. If planning to attend a college other than DMACC after high school graduation, it is the student's responsibility to research how credits will transfer. High school credit earned will be based on the college credit awarded. Each three (3) credit course will provide .5 high school elective credits. A two (2) credit course will earn .33 high school elective credits and a one (1) credit course will earn .167 high school elective credit. These credits will count toward graduation as though they were taken in the high school but do not these courses do not count towards the students minimum enrollment requirements.

A list of approved DMACC Online courses can be found within the Off-Campus section of the course selection handbook. Grades earned through dual enrollment courses will be listed on JCSD transcripts and are subject to JCSD eligibility guidelines.

Central Campus & Waukee APEX

Johnston High School seniors who have completed 20 credits (9-12) may take one "course" at Central Campus or Waukee APEX. For courses to be considered, they must not be offered at Johnston High School or be available through the Post-Secondary Enrollment Options Act. The course must be approved by a school counselor as well as the building principal. Any students attending Central Campus or Waukee APEX must provide their own transportation.

Agriculture Education at DC-G High School

Johnston High School students who wish to enroll in Agriculture courses may do so through a sharing agreement with Dallas Center - Grimes High School. All Agriculture courses take place at DC-G High School.

Any student wishing to enroll in an Agriculture course at DC-G should schedule a meeting with their counselor as there are travel and scheduling considerations.

Post-Secondary Enrollment Options (PSEO)

THE FOLLOWING PROVISIONS WILL BE IN EFFECT ONLY AS PROVIDED BY THE IOWA LEGISLATURE. Junior and Senior students are eligible to enroll for high school/college credit under the Post-Secondary Enrollment Act. In addition, ninth or tenth grade students who are identified as a gifted and talented student according to the school district's criteria and procedures may now participate under this. Credit earned under this Act will count for both high school and college credit. Students may enroll at Iowa Regents universities, Iowa community colleges or Iowa private colleges. The courses that students select must not be offered at Johnston High School. The cost for taking these courses will be paid for by the Johnston Community Schools. However, a student enrolling in a course that drops or fails the class will be responsible for reimbursing the district for the cost of the class.

High school credit earned will be based on the college credit awarded. Each three (3) credit course will provide .5 high school credits. These credits will count toward graduation as though they were taken in the high school.

Students enrolling under this process must provide their own transportation. It is also the responsibility of each student to plan a schedule that will work. However, counseling services are available to students both in the high school and through the post-secondary institution. Students and parents are encouraged to get a more detailed description of this Act in the Counseling Office prior to enrolling in courses. Students must contact the Post-Secondary Enrollment Option Coordinator in the Johnston High School Counseling Office to secure forms and to enroll. Registration and enrollment depends on notification and regulation provided by each post-secondary institution.

It is the intent of Johnston High School to help students take courses at postsecondary institutions if they are eligible, but post-secondary institutions may not all agree to participate in the program. Some colleges have minimum ACT requirements to participate. Please contact a school counselor for assistance in enrolling.

Student Participation and Transportation Agreement

Johnston High School has included a Participation and Transportation Agreement in this Course Selection Handbook. As our teachers move to provide more authentic learning experiences we realize some of these may take place off of our campus. This agreement allows parents/guardians to grant students permission to drive to selected educational experiences. Teachers will provide details of any such trip and allow parents to sign off on students transporting themselves to the scheduled event. Form in Appendix of handbook.

Student Confidentiality Agreement

Enclosed in this Course Selection Handbook is also a Student Confidentiality Agreement. As our teachers work in partnership with various industries to provide educational experiences, we want to provide security for our industry partners. Students who participate in certain educational activities with industry partners will be asked to sign the Confidentiality Agreement. Form in Appendix of handbook.

ATHLETICS, ACTIVITIES AND ORGANIZATIONS

For a complete list of activities, clubs and organizations please visit the Johnston Community School District website: <https://www.johnstoncsd.org/activities/clubs/>.

SCHOLARSHIP RULES FOR EXTRACURRICULAR ACTIVITIES

Students that are involved in athletics have a “Scholarship Rule” that regulates student-eligibility. The complete rule for students participating in athletics (boys and girls) can be found on the following website: www.ighsau.org under the category called Policy/Guideline updates-Guidance on Scholarship rule 36.15 (2). The following information and examples will hopefully better explain the rules. If you have specific questions related to this information, please contact Heather Semelmacher, Activities/Athletic Director at 515-278-2407.

Athletics

- All students must be enrolled and receive credit in at least four subjects at all times.
- If not passing all of their classes at the end of the semester, the student is ineligible for the next 30 calendar days (eligible on Day 31) in the next interscholastic athletic event in which the student participates. Day 1 is established by the IHSA and the IGHS AU for the fall, spring, summer, and beginning of winter sports. Day 1 is established by each school following the conclusion of the first semester for winter sports.
- Students must begin and end the season in good-standing in order to satisfy the eligibility requirements.

Cheerleading, Dance Team and Other School Activities

If at the end of a semester a participant receives an “F,” the student is ineligible to participate for the next 30 calendar days.

- Example 1: A 10th grade student is involved in the Dance Team. She tried out and made the squad for her 11th grade year. At the end of the second semester she received an “F” in one class. She would be ineligible to perform for the first 30 calendar days during her 11th grade year (still be allowed to practice, but not perform).
- Example 2: An 11th grade student is involved in Mock Trial. At the end of the first semester he received an “F.” He would be ineligible to perform for the first 30 calendar days during his 11th grade year.

Vocal Music, Instrumental Music, Speech, Drama and Other School Activities

If at the end of a semester a participant receives an “F,” the student is ineligible to participate in any competitive event within a period of 30 calendar days. Evaluative activities are not impacted by the eligibility rule (see definitions of competitive and evaluative in #2).

Evaluative is defined as “an event in which a rating is given.” Competition is defined as “receiving a place” rather than a rating.

- Example 1: An 11th grade student is eligible in Innovation Show Choir, and the student receives an “F” at the end of the first semester. She would be ineligible for the first 30 calendar days of competition following first semester (for example, the Johnston Invitational would be evaluative because it is an exhibition, but the Urbandale Show Choir Invite would be competitive and the student would not compete).
- Example 2: A 10th grade student was involved in Marching Band. At the end of the 2nd

semester, the student received an "F." He would be ineligible to compete the competition marching band events in the fall for the first 30 calendar days (not eligible to compete in the Urbandale Marching Band Competition, but would be able to participate in the Johnston Invite and the halftime of the varsity football games since it is not for places and would be considered evaluative).

Attendance Expectations for Athletics and Activities

- A student with an unknown absence may not practice or participate that day.
- Any student that has missed 4 or more periods (M, Tues, Fri) or two or more periods (Wed, Thurs) is not eligible to participate that day.
- Any student that has an unserved detention or Saturday School (after they have had the opportunity to serve) is not eligible to participate in athletics or activities until they have served their detention.

ACADEMIC HONORS AND AWARDS

Johnston High School intends to honor and recognize those students who excel in the classroom. A variety of awards is bestowed, a few of them being:

Academic Letter

The highest academic honor bestowed is an Academic J. An academic J will be awarded to students in grades 9-11 who have achieved a 3.70 G.P.A. or better for the first **AND** second semester of the previous school year.

National Honor Society

The National Honor Society is an honorary organization. Students are selected for membership by the Faculty Council on the basis of scholarship, service, leadership, and character. Membership is never considered solely on the basis of scholarship. Selection of members is during second semester of sophomore and junior year. Only students who have been in Johnston High School the equivalent of one semester may be considered for membership, and have a cumulative grade point of 3.50. At the time of selection, all students who are scholastically eligible are notified of the procedure to follow for further consideration of membership into National Honor Society.

STANDARDIZED TEST OPPORTUNITIES

Standardized tests tell a student their skills level in comparison to others. The results can be used during course planning in an effort to improve current skill levels. Skill areas of particular strength or weakness can also be considered in coordination with possible career areas of interest.

GRADE 9	Iowa Statewide Assessment of Student Progress (ISASP) (Required)	Given annually by the state of Iowa. Students are measured in the areas of Reading, Language/Writing and Mathematics. The assessments are aligned with the Iowa Core standards and provide a clear and accurate assessment of student learning outcomes. Student growth, proficiency and readiness indicators will be reported.
GRADE 10	Iowa Statewide Assessment of Student Progress (ISASP) (Required)	Given annually by the state of Iowa. Students are measured in the areas of Reading, Language/Writing, Mathematics AND Science. The assessments are aligned with the Iowa Core standards and provide a clear and accurate assessment of student learning outcomes. Student growth, proficiency and readiness indicators will be reported.
GRADE 11	Iowa Statewide Assessment of Student Progress (ISASP) (Required)	Given annually by the state of Iowa. Students are measured in the areas of Reading, Language/Writing and Mathematics. The assessments are aligned with the Iowa Core standards and provide a clear and accurate assessment of student learning outcomes. Student growth, proficiency and readiness indicators will be reported.
GRADE 10 GRADE 11	PSAT (optional)	<u>PSAT</u> – practice test for SAT, used by National Merit Scholarship Corporation to select award winners (top 2%), gives comparison to juniors for math, verbal, and writing, created by SAT. Testing priority is given to 11th graders.
GRADE 11 GRADE 12	ACT (optional)	<u>ACT</u> – gives student comparison of skills to peers in math, science reasoning, English, and reading. Identifies career areas of interest, created to predict likelihood of student success in first semester of college. This test may be used by colleges as an admission requirement or for consideration of scholarships.
GRADE 11 GRADE 12	SAT (optional)	<u>SAT</u> – gives student comparison of skills to peers in math, verbal, and writing, created to predict likelihood of student success in first semester of college. This test may be used by colleges as an admission requirement or for consideration of scholarships.

JOHNSTON CURRICULUM

ART & DESIGN	ENGLISH	MATHEMATICS	SCIENCE
SEMESTER LONG	SEMESTER LONG	SEMESTER (block)	SEMESTER LONG
9th Grade Art (9th)	Teen Experience: Teen Issues in Literature (F1)	Algebra 2	Astronomy (9th)
Clay 1	Journalism (F1)	AP Calculus AB	Botany
Clay 2	On The Road: Travel Literature & Writing (F1)	AP Calculus BC	Biotechnology
Clay 3	Pushing the Limits (F1)	AP Statistics	Chemistry in Community
Design 1	Sport, Comp & Culture (F1)	Computer Science	Environmental Science
Design 2	Working it Out: Communicating in Careers (F1)	Consumer Math	Forensic Science
Drawing 1	Everyday Applied Literature (F2)	Geometry	Physical Science (9th)
Drawing 2	Culture Clash (F2)	Pre-Calculus	Zoology
Art of Craft	Gender Studies & Literature (F2)	Tech Math I	YEAR LONG
	Heroic Men & Women (F2)	Trigonometry	Anatomy & Physiology
Painting	Lit Explorations: A Reader's Journey (F2)		AP Biology
Peer Art	Reading the Screen (F2)	YEARLONG	AP Chemistry
Darkroom Photography	Creative Writing & Literature (F2)	Algebra 1	AP Environmental Science
Digital Photography	Advanced Speech (Cap)	Algebra 2	AP Physics: C Mechanics
		AP Computer Science A	
Advanced Photography	Creative Explorations (Cap)	Bridges to Algebra (9th)	Biology
Special Effects Art & Design	Digital Storytelling (Cap)	Geometry (9th)	Biology in the Environment
YEARLONG	Acting (elective)		Chemistry
AP Art & Design	Creative Writing (elective)	MUSIC	Physics
	Debate (elective)	SEMESTER LONG	
BUSINESS/MEDIA	YEARLONG	Music Theory	SOCIAL STUDIES
SEMESTER LONG	Freshman English	YEARLONG	SEMESTER LONG
Applied Technologies (9th)	Advanced Freshman English	9th Grade Band	American Government
Business Applications (9th)	AP Language & Comp	HS Band	American National Government
Business Publishing (9th)	AP Literature & Comp	Concert Choirs	Principles of Economics
Entertainment Marketing	Integrated Language Arts (ILA)	Mixed Chorus	Psychology
Financial Literacy	Advanced Integ Lang Arts (AILA)	Show Choir	Social Issues
Graphic, Sound & Animated Design	Newspaper (elective)		Sociology
Introduction to Business	Honors Newspaper (elective)	WORLD LANGUAGE	Topics in History (9th)
Law for Bus. & Pers. Use	Yearbook (elective)	YEARLONG	YEARLONG
Social Media Marketing/ Advertising & Sales	Honors Yearbook (elective)	French 1-4 & AP	AP Psychology
Web Design	Dragon TV (elective)	Spanish 1 - 5	US History
YEARLONG	Dragon TV PLUS (elective)	Heritage Spanish 1 & 2	AP US History
Accounting I			World Studies
Accounting 2			AP World History
Entrepreneurship			
School to Work (Internship)			

FAMILY & CONSUMER SCIENCE	PE & HEALTH	INDUSTRIAL TECH/ PLTW	NON-DEPARTMENTAL
SEMESTER LONG	SEMESTER LONG	SEMESTER LONG	ELL
Sewing Design I	9th Grade Functional PE	Basic Car Maintenance	ELP
Sewing Design 2	Health	Blueprint Reading for Welders	EMT - Emergency Medical Technician
Housing & Interior Design	Track 1	Graphic Technologies/ Communication	iJAG - Iowa Jobs for America's Graduates
Culinary Arts 1	Track 2	Introduction to Woodworking	Reading Lab
Culinary Arts 2	Track 3	Safety & Health of the Welder/Intro to Welding	9th Grade Reading Lab
Culinary Arts 3	Track 4	Small Engines	Teacher Academy
Life Skills 1	Track 5	Woodworking Manufacturing	OFF- CAMPUS
Life Skills 2	Track 6 (blocked class)	YEARLONG	DMACC Online
Child Development & Guidance	Track 7	Civil Engineering & Architecture	DMACC Career Academy
Exploring Parenting	Kinesiology	Computer Integrated Manufacturing	
YEARLONG	SPECIAL EDUCATION	Construction Technology	
ProStart	EBCE	Digital Electronics	
ProStart 2	Skill Development	Intro to Engineering Design	
		Principles of Engineering	
		Welding 1 (Block)	
		Welding 2 (Block)	

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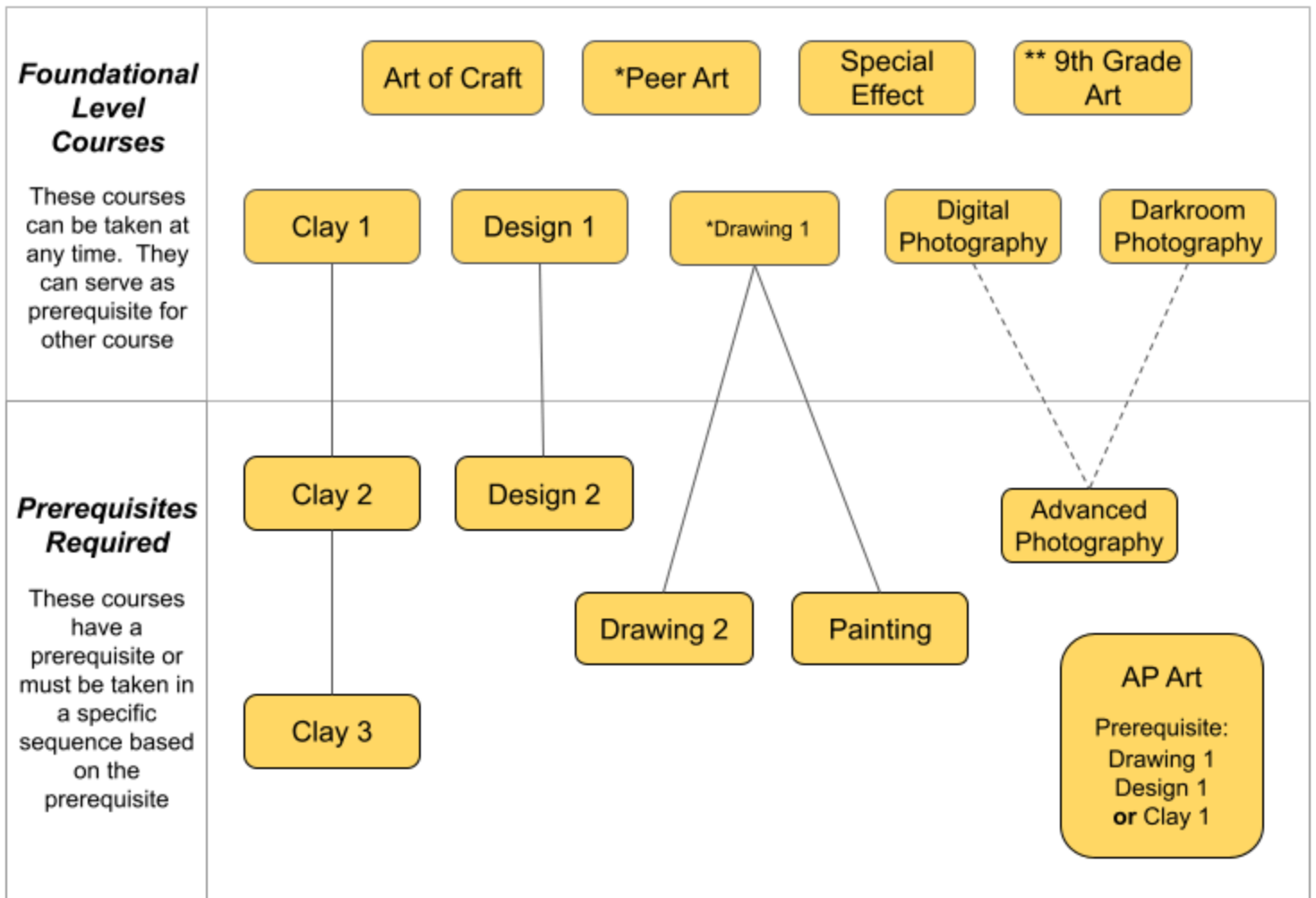
ART & DESIGN



ART & DESIGN

Course Title	Offered to students in:				Class Length is:		Total Credit	NCAA Approved	Included in RAI	Pre-Requisite?
	Grade 9	Grade 10	Grade 11	Grade 12	One Sem.	Year Long				
9th Grade Art	x				x		0.5	No	No	No
Clay 1		x	x	x	x		0.5	No	No	No
Clay 2		x	x	x	x		0.5	No	No	Yes
Clay 3			x	x	x		0.5	No	No	Yes
Design 1		x	x	x	x		0.5	No	No	No
Design 2		x	x	x	x		0.5	No	No	Yes
Drawing 1	x	x	x	x	x		0.5	No	No	No
Drawing 2		x	x	x	x		0.5	No	No	Yes
Art of Craft		x	x	x	x		0.5	No	No	No
Painting		x	x	x	x		0.5	No	No	Yes
Peer Art	x	x	x	x	x		0.25	No	No	No
Darkroom Photography		x	x	x	x		0.5	No	No	No
Digital Photography		x	x	x	x		0.5	No	No	No
Advanced Photography			x	x	x		0.5	No	No	Yes
Special Effects Art & Design		x	x	x	x		0.5	No	No	No
AP Art & Design			x	x		x	1.0	No	No	Yes

Art and Design Course Selection Flowchart



JCSD Course Selection Handbook Flow Chart Key



Required course (square)



Elective course (round)



Connects to required prerequisite.



Connects to prerequisite. Can take either course to meet requirement.

** Only available at JMS (9th grade)

* Available at JHS and JMS (9th grade)

9th Grade Art

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9th	Other: Not NCAA eligible/does not count towards RAI score

This course is designed as an introduction to art as a form of expression. Students will do studio projects on basic drawing, painting, printmaking, clay, sculpture, and graphic design. Art History, art criticism, aesthetics and art production, with emphasis on the understanding and use of the elements and principles of design, will be covered through the studio projects. Technical and problem-solving skills will be developed throughout the course.

Clay 1

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

Clay 1 is an 18-week exploration into the nature of the ceramic arts. The course provides investigation into traditional and contemporary techniques of clay and ceramic material, exploring them both aesthetically and functionally. Coiling, slab construction, build-up and the potter wheel are all used to solve a number of 3- dimensional problems of a personally expressive nature. Thinking and drawing are studied briefly in the beginning of the semester to ensure both understanding and success in the clay experiences that follow.

Clay 2

Credit: 0.5	Length of Class: One semester
Prerequisites: Clay 1	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

Clay 2 is an advanced semester course of study designed to build upon the concepts presented in the prerequisite course. Students experience ceramics history and investigate traditional and contemporary applications and techniques of ceramics through research and the development of individual work. Ceramics experiences will focus mainly on structures made on the potter's wheel, but will also include the expansion of skills in hand-building, including creating part of the human form in clay, and other sculptural works. Students will use mostly high-fire clay, including the introduction of a porcelain clay body. The Japanese tradition of Raku firing will be included later in the semester to give the students a unique experience with outdoor kilns and experimental glazes and techniques. The experiences in Clay 1 and Clay 2 should leave the student with an emerging three-dimensional visual studies portfolio.

Clay 3	
Credit: 0.5	Length of Class: One semester
Prerequisites: Clay 2	Type of Course: Elective
Offered to grades: 11-12	Other: Not NCAA eligible/does not count towards RAI score

Clay 3 is an advanced course of study designed to build upon the skills and concepts presented in Clay 1 and Clay 2. Students will seek to define their artistic voice through a choice-based, mostly student-led curriculum. Students will choose what techniques and concepts they would like to explore in their projects, along with specified projects to build skill. Group critiques will be an important part of the course to help students grow as artists and improve upon their previous work. The course will also include a collaborative community legacy piece and a community outreach event. Students will be encouraged to participate in a local student art show and a field trip to working potters' studios will be included in the course. The experiences in Clay 1, Clay 2 and Clay 3 classes should leave the student with an emerging three-dimensional visual studies portfolio, along with an artist statement that reflects their artistic vision.

Design 1	
Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

Design 1 is a semester-long course that exposes students to the process of creating design work using various technologies. Students will apply their knowledge of the elements and principles of design to strengthen their visual literacy... how to communicate and persuade using only visual creations. We will explore a range of design techniques and various design software programs. This class will challenge students in a fun and applicable way to make real world design solutions to real world applications like fashion design, comic book illustration, logo designs, and card and poster layouts

Design 2	
Credit: 0.5	Length of Class: One semester
Prerequisites: Design I	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

Design 2 is a semester-long course that delves further into the creative process of design. While using technology, students will hone their ability to create a cohesive portfolio of work that employs complex visual communication and critical thought on the part of the maker and the audience. Students will have more freedom in the projects and technology they use to develop their design portfolios. As in Design 1, the focus will be on real world design solutions while using the Adobe Suite of creative software applications.

Drawing 1	
Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12th	Other: Not NCAA eligible/does not count towards RAI score

Drawing 1 is a course that explores the many different aspects of mark-making using a variety of materials and techniques. Units of learning are based on functions of drawing, building thinking skills, and constructs of creativity. This course explores traditional drawing experiences such as value studies, texture exploration, and the different uses of space. Students will work with pencil, charcoal, pastel, and ink. Students will learn technical and creative drawing skills while exploring and implementing the elements of art.

Drawing 2	
Credit: 0.5	Length of Class: One semester
Prerequisites: Drawing 1	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

Drawing 2 is an advanced drawing course designed to build upon and go beyond the skills and concepts explored in Drawing 1. Students will learn advanced drawing techniques as well as abstract creative concepts. Students will focus on developing a creative voice and making a statement with their artwork. Students will work with artists in the community to learn about developing an artistic style, possible career paths, and art installation.

Art of Craft	
Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

This course is designed as an introduction to the artistry of craft. This class includes traditional crafting arts such as fiber arts and textiles, mosaic, jewelry bookbinding and more. Students will explore techniques and learn the history of artisanship from various cultures and societies while implementing their own ideas and designs into various works of art.

Painting	
Credit: 0.5	Length of Class: One semester
Prerequisites: Drawing 1	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

Painting is an advanced semester course of study designed to build upon the concepts presented in the prerequisite course. Students experience painting history and contemporary applications of painting through research and the development of a painting portfolio. Painting experiences include water-based and oil based pigments ranging from light-logical color studies to highly expressive and individual applications of paint as a medium. The painting student should leave the course with a number of refined painted works for a portfolio and a basic understanding of painting history.

Peer Art	
Credit: 0.25	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12th pending teacher approval	Other: Offered every-other-day Not NCAA eligible/does not count towards RAI score

Peer Art is a course designed to make positive student connections through the visual arts. The emphasis will be to assist special needs students as a “creative coach” in the modified art curriculum. Art projects will include both 2-dimensional and 3-dimensional activities. The class is a unique opportunity to enhance a student’s potential for independence through the visual arts.

Darkroom Photography	
Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

Darkroom Photography is an entry-level course that presents a study of art through black and white film photography. Functions of art, the nature of individual expression, the history of photography and art criticism are explored throughout this course. In addition, students will learn and practice fundamental 35mm camera functions, darkroom techniques, and basic digital applications for film photography.

Digital Photography	
Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

Digital Photography is an entry-level course that presents a study of art through digital photography and the basics of Photoshop. Functions of art, the nature of individual expression, the history of photography and art criticism are explored throughout this course. In addition, students will learn and practice fundamental digital SLR camera functions and digital imaging programs.

Advanced Photography

Credit: 0.5	Length of Class: One semester
Prerequisites: Digital OR Darkroom Photography	Type of Course: Elective
Offered to grades: 11-12th	Other: Not NCAA eligible/does not count towards RAI score

This course is designed to build upon the basic photography and digital applications of its prerequisite courses. Further exploration and refinement of the camera, darkroom techniques, and digital programs culminate in the forming of an individual portfolio which resolves the 18 week study.

Special Effects Arts & Design

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

Special Effects Art and Design is a course that exposes students to the process of creating original character makeup and costuming. Students will apply their knowledge of design principles make innovative and creative works of art and designs. We will create a range of work in class, from gore to glam makeup, to cosplay armor and foam theatrical weapons and props, to complete original character makeup. This class will challenge students in a fun and applicable way to make real world design solutions to real world applications like costume and makeup design.

AP Art & Design

Credit: 1.0	Length of Class: Yearlong
Prerequisites: Yes	Type of Course: Elective
Offered to grades: 11th-12th	Other: Not NCAA eligible/does not count towards RAI score

In AP Art and Design, you'll develop the skills that artists and designers use while creating a portfolio of college-level work with the opportunity to submit it for evaluation (instead of taking a year-end paper-and-pencil AP Exam). A qualifying portfolio score can earn you college credit, advanced placement, or both. Students will pursue a sustained investigation while creating a body of related works that demonstrate an inquiry-based investigation of materials, processes, and ideas.

Prerequisites: Successful completion of one of the following: Drawing 1, Design 1, or Clay 1.

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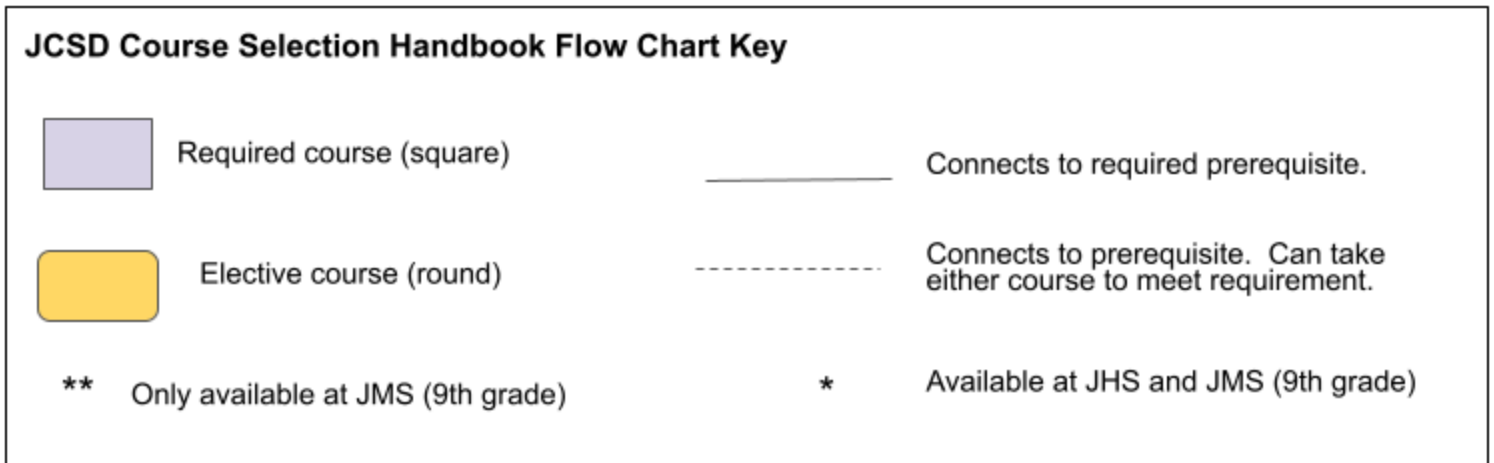
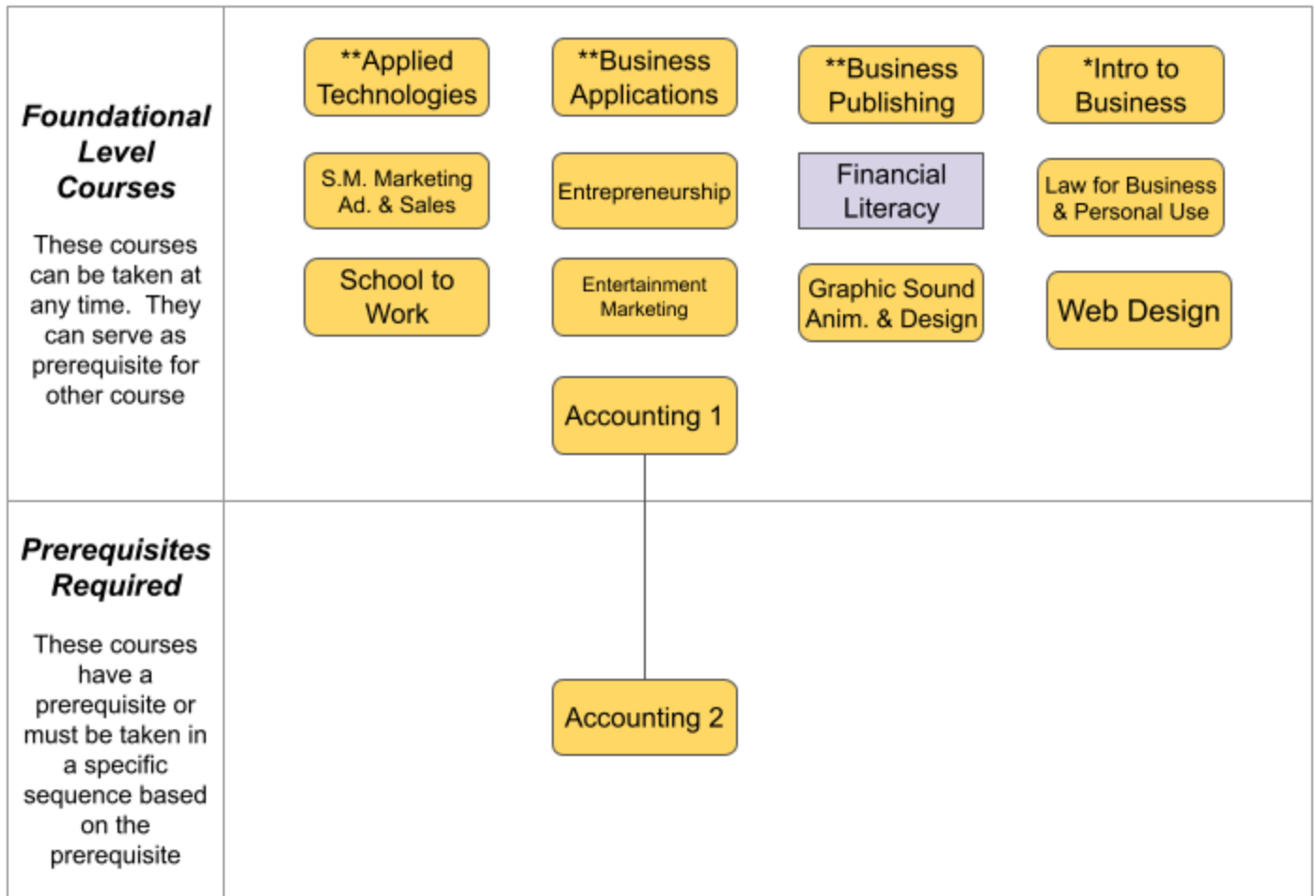
BUSINESS & MEDIA



BUSINESS & MEDIA

Course Title	Offered to students in:				Class Length is:		Total Credit	NCAA Approved	Included in RAI	Pre-Requisite?
	Grade 9	Grade 10	Grade 11	Grade 12	One Sem.	Year Long				
Accounting 1		x	x	x		x	1.0	No	No	No
Accounting 2			x	x		x	1.0	No	No	Yes
Social Media Marketing/Advertising and Sales		x	x	x	x		0.5	No	No	No
Applied Technologies	x				x		0.5	No	No	No
Business Applications	x				x		0.5	No	No	No
Business Publishing	x				x		0.5	No	No	No
Entrepreneurship (Univ of Iowa dual credit)			x	x		x	1.0	No	No	No
Financial Literacy			x	x	x		0.5	No	No	No
Graphic, Sound and Animation Design		x	x	x	x		0.5	No	No	No
Introduction to Business	x	x	x	x	x		0.5	No	No	No
Law for Business & Personal Use		x	x	x	x		0.5	No	No	No
School to Work (Internship) (DMACC dual credit)			x	x		x	2.0	No	No	No
Entertainment Marketing		x	x	x	x		0.5	No	No	No
Web Design		x	x	x	x		0.5	No	No	No

Business and Media
Course Selection Flowchart
Graduation Requirement: Financial Literacy



Accounting 1

Credit: 1.0	Length of Class: Yearlong
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

Accounting 1 will give students a background in the basic accounting procedures used to operate a business. Students will learn accounting procedures for sole proprietorships, partnerships, and corporations. Simulations and real world scenarios will be used for this course that will prepare anyone for a future in business.

Accounting 2

Credit: 1.0	Length of Class: Yearlong
Prerequisites: Accounting I	Type of Course: Elective
Offered to grades: 11-12th	Other: Not NCAA eligible/does not count towards RAI score

A student interested in business in college or as a career is advised to take a second year of accounting. The second year course is computer-based using simulations and real world scenarios

Social Media Marketing/Advertising and Sales

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12th	Other: Earn Social Media Marketing Certification Not NCAA eligible/does not count towards RAI score

Students will learn effective communication skills and confidence to sell themselves in business, marketing, future employment and leadership. This class will cover all forms of media advertising with a focus on social media platforms such as Instagram, Facebook, YouTube, X, Snapchat, TikTok, and LinkedIn. Students will create blogs, posts, video ads, and marketing plans. Students may also become certified as a social media marketer.

Applied Technologies

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9th	Other: Not NCAA eligible/does not count towards RAI score

Applied Technologies is a project-based course that provides many opportunities for students to employ technology in the learning environment. Students will create podcasts using GarageBand, develop websites using Google Sites, and acquire coding abilities using Code.org. In addition to learning valuable skills to use for future high school projects and/or assignments, 8students will learn how these digital tools can applied in a business setting.

Business Applications

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9th	Other: Not NCAA eligible/does not count towards RAI score

This course focuses on computer software commonly used in business settings. Students will use word processing, spreadsheet, presentation, and photo-editing applications during instruction. Classroom projects will incorporate these applications and focus on showing students the latest techniques used by businesses to market products.

Business Publishing

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9th	Other: Not NCAA eligible/does not count towards RAI score

This project-based class will introduce students to digital marketing strategies. Classroom projects will incorporate current trends in marketing and advertising. Students will be encouraged to demonstrate professionalism, creative thinking, and problem solving, while working individually and in a collaborative environment.

Entrepreneurship

Credit: 1.0	Length of Class: Yearlong
Prerequisites: None	Type of Course: Elective
Offered to grades: 11-12th	Other: Can earn 3 University of Iowa Credits - ENTR 101 (Exploring Entrepreneurship) Not NCAA eligible/does not count towards RAI score

Students can earn three Entrepreneurship credits from the University of Iowa for taking the course. Entrepreneurship provides students with the opportunity to run a student-designed, student-produced, and student-led business. Students work together to effectively run all aspects of the business including marketing, finance, design, management, communications, and operations. Students can follow their passion, designing their own businesses and competing with students from across the nation to win seed money to start their businesses. Over the past two years, thirteen teams have made the competition finals. One student placed second and \$1,000, while another student placed third and won \$500 in a nationwide business contest.

Financial Literacy

Credit: 0.5	Length of Class: One semester
Prerequisites: none	Type of Course: Required
Offered to grades: 11-12th	Other: Not NCAA eligible/does not count towards RAI score

Learn how to make money and keep it. This class will teach you everything you need to know about spending money wisely, banking, saving, investing, paying for college and using credit. The class will attempt to improve the national trends of irresponsible use of credit and lack of savings and investments. This class is useful for any student who will soon be an adult, in charge of their own financial well-being.

Graphic, Sound and Animation Design

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

Students will learn to make graphics, create songs, and develop animations. A variety of software will be used including Adobe Photoshop, Animate and Garageband. Projects will be linked to real world clients and deadlines.

Introduction to Business

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12th	Other: Not NCAA eligible/does not count towards RAI score

This class will introduce students to the exciting and challenging world of business. Students will be more prepared as knowledgeable consumers, employees, and citizens of our economy. This course will serve as a foundation for future business classes at the high school and college level, as well as prepare students for future employment and/or business ownership.

Law for Business & Personal Use

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

Law for Business and Personal Use studies the interaction between law and justice both as an individual and a consumer. Students will study ethics in the legal system, criminal, civil and contract law. Students will see the relevance of what they are studying through case studies and case debates. This course will be helpful for students planning to attend college or students wanting to learn their rights.

School to Work (Internship)

Credit: 2.0	Length of Class: Yearlong
Prerequisites: None	Type of Course: Elective
Offered to grades: 11-12th	Other: 7 DMACC Credits- WBL 100 (Fall) , WBL 110 (Fall), WBL 150 (Spring), ADM 936 (Spring) Not NCAA eligible/does not count towards RAI score

The School-to-Work course is designed to provide internship opportunities to all students. The in-class portion focuses on future plans and goals with the study of career assessment, career and postsecondary research, job seeking skills, the workforce, and skills to adequately handle various workplace situations. The job site provides students with practical work experience as well as training and networking with community business people. Students will be given the opportunity to match a potential job through internship opportunities made available through the instructor's connections or the student's connections. Students will be required to intern during the school day, ideally 3-4 class periods free.

Entertainment Marketing

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

Why do movies premiere on Netflix instead of the theater? Why do cities build sports stadiums? Why do bands still perform concerts? You will find out the answers and more in Entertainment Marketing. Students will learn how marketing works in movies, sports venues, music, fashion, sports teams, video gaming, and television.

Web Design

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

Students will learn the elements of web design and development. A variety of software will be used including Adobe Fireworks, Dreamweaver, and Flash. Projects will be linked to real world clients and deadlines.

2024-2025

ENGLISH



ENGLISH

Course Title	Offered to students in:				Class Length is:		Total Credit	NCAA Approved	Included in RAI	Pre-Requisite?
	Grade 9	Grade 10	Grade 11	Grade 12	One Semester	Year Long				
Freshman English OR Advanced Freshman English	x					x	1.0	Yes	Yes	No
Integrated Language Arts OR Advanced Integrated Language Arts		x				x	1.0	Yes	Yes	Yes
FRAMEWORKS 1 Courses Courses emphasize research and argumentative writing										
Teen Experience: Teen Issues in Literature			x	x	x		0.5	Yes	Yes	Yes
Journalism	x	x	x	x	x		0.5	Yes	Yes	No
On the Road Travel Literature & Writing			x	x	x		0.5	Yes	Yes	Yes
Pushing the Limits			x	x	x		0.5	Yes	Yes	Yes
Sport, Competition and Culture			x	x	x		0.5	Yes	Yes	Yes
Working it Out: Communicating in Careers			x	x	x		0.5	Yes	Yes	Yes
FRAMEWORKS 2 Courses Courses emphasize narrative writing and literary analysis										
Everyday Applied Literature			x	x	x		0.5	Yes	Yes	Yes
Culture Clash			x	x	x		0.5	Yes	Yes	Yes
Gender Studies & Literature			x	x	x		0.5	Yes	Yes	Yes
Heroic Men and Women			x	x	x		0.5	Yes	Yes	Yes

Literacy Explorations: A Reader's Journey			x	x	x		0.5	Yes	Yes	Yes
Reading the Screen			x	x	x		0.5	No	Yes	Yes
Creative Writing & Literature			x	x	x		0.5	Yes	Yes	Yes
CAPSTONE Courses Courses offer more advanced or intensive study of a particular facet of English/Language Art										
Advanced Speech				x	x		0.5	Yes	Yes	Yes
Creative Explorations				x	x		0.5	Yes	Yes	Yes
Digital Storytelling				x	x		0.5	Yes	Yes	Yes
Advanced Placement (AP) Courses										
Course Title	Grade 9	Grade 10	Grade 11	Grade 12	One Semester	Year Long	Total Credit	NCAA Approved	Included in RAI	Pre-Requisite?
AP Language and Composition (DMACC Credit)			x	x		x	1.0	Yes	Yes	Yes
AP Literature and Composition (DMACC Credit)			x	x		x	1.0	Yes	Yes	Yes
ELECTIVE Courses										
Acting		x	x	x	x		0.5	No	No	No
Creative Writing	x				x		0.5	Yes	No	No
Debate		x	x	x	x		0.5	No	No	No
Dragon TV		x	x	x		x	1.0	No	No	No
Dragon TV PLUS			x	x		x	1.0	No	No	Yes
Newspaper		x	x	x		x	1.0	No	No	No
Honors Newspaper		x	x	x		x	1.0	No	No	Yes

Yearbook		x	x	x		x	1.0	No	No	No
Honors Yearbook		x	x	x		x	1.0	No	No	Yes

Recommended English Course Progression

Graduation Requirement: 4.0 English Credits

	9th Grade	10th Grade	11th Grade	12th Grade
Options to meet Graduation requirements	Freshman English	ILA	One semester: Frameworks 1 One semester: Frameworks 2	One semester: Frameworks 1 One semester: Frameworks 2
	OR	OR	OR	OR
	Advanced Freshman English	Advanced ILA	AP Language & Composition	One semester: Capstone
	(Can take Journalism as a Frameworks 1 course)	(Can take Journalism as a Frameworks 1 course)		One semester: Frameworks 1 or 2
				OR
				Two semesters: Capstone
				OR
				AP Literature & Composition
				OR
				AP Language & Composition

What is the difference between Frameworks 1 (F1) and Frameworks 2 (F2) courses?

Although all of our courses offer a variety of integrated language opportunities (reading, writing, speaking, listening),

- Frameworks 1 courses emphasize research and argumentative writing,
- Frameworks 2 courses emphasizes narrative writing and literary analysis.

What is a Capstone Course?

Capstone courses offer more advanced or intensive study of a particular facet of English/Language Arts.

Freshman English

Credit: 1.0	Length of Class: Yearlong
Prerequisites: None	Type of Course: English Credit
Offered to grades: 9th	Other: NCAA eligible/RAI approved

Freshman English is a yearlong, required course that provides multiple reading, writing, and speaking opportunities connected with the Common Core. Units, course readings, and individual assignments are designed to encourage in-depth analysis of literature and nonfiction as well as independent and collaborative learning. With the pairing of literature analysis through common texts such as *Romeo and Juliet* and *The Odyssey* and nonfiction research skills, students will complete authentic, complex writing and speaking tasks geared towards higher level, critical thinking skills.

Advanced Freshman English

Credit: 1.0	Length of Class: Yearlong
Prerequisites: None	Type of Course: English Credit
Offered to grades: 9th	Other: NCAA eligible/RAI approved

Students who choose this course are expected to be of high ability and motivated. A high ability student should be able to depict abstract ideas and critical thinking skills within their writing. Students should also display strong foundations as writers, allowing them to produce writing at a more sophisticated level and with attention to detail willing to accept a challenge.

While this course meets the same standards as the general English classes, students will be exposed to more challenging texts, higher order writing prompts, and a faster pace. This Will Prepare them for other advanced-level courses, including Advanced Placement options for college readiness. The majority of assessments are in written format, with an expectation of writing meeting a higher level of sophistication. In addition, the class focuses on developing strong speaking skills.

Criteria to determine if this class is a good fit for you includes scores in the 'advanced' level (upper 90th %) on Iowa Assessments and other district tests as well as "A" grades. It is advised to visit with the current LA teacher to assist you in the decision-making process.

Integrated Language Arts(ILA)

Credit: 1.0	Length of Class: Yearlong
Prerequisites: Freshman English or Advanced Freshman English	Type of Course: English Credit
Offered to grades: 10th	Other: NCAA eligible/RAI approved

ILA focuses on the 5 strands of the Iowa Common Core: Reading, Writing, Speaking, Viewing, Listening. Throughout the course, students are provided opportunities to develop/advance their skills in these areas through whole-class and student selected-choice activities.

Advanced Integrated Language Arts (AILA)	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: Freshman English or Advanced Freshman English	Type of Course: English Credit
Offered to grades: 10th	Other: NCAA eligible/RAI approved

Advanced ILA focuses on the 5 strands of the Iowa Common Core: Reading, Writing, Speaking, Viewing, Listening. Throughout the course, students are provided opportunities to develop/advance their skills in these areas through whole-class and student selected-choice activities.

While Advanced ILA meets the same standards as ILA, the texts, writing, and speech assignments will sometimes be the same, but alternate texts and assignments will also be used. In this course, students can expect to write, read more, and create speeches at an increased rigor than in ILA. Adv. ILA is also intended to provide a foundation for students wishing to enroll in Advanced Placement English courses.

Teen Experience: Teen Issues in Literature	
Credit: 0.5	Length of Class: One semester
Prerequisites: ILA or AILA	Type of Course: English Credit
Offered to grades: 11-12th	Other: NCAA approved/RAI approved

The Teen Experience examines the various ways that teens define, create and live in the world. We will look at how teens move through the complicated world of young adulthood, how they develop as individuals, and how they manage conflict, peer pressure, parents, and social expectations.

Journalism	
Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: English Credit
Offered to grades: 9-12th	Other: NCAA eligible/RAI approved

Write, shoot photos, and design layouts that inspire! The course is different than other language arts classes because it focuses on talking with people and sharing their stories. Social media, online and printed formats will all be explored. Earn one (.5 credit) of the eight semesters of language arts core credit you need to graduate. Freshmen and sophomores can get ahead on their junior and senior core language arts courses. Juniors and seniors can fulfill one semester of the Frameworks 1 requirement.

On the Road: Travel Literature & Writing

Credit: 0.5

Length of Class: One semester

Prerequisites: ILA or AILA

Type of Course: English Credit

Offered to grades: 11-12th

Other: NCAA eligible/RAI approved

On the Road explores various journeys and how people grow and change through their travel experiences. The journeys we read about will give us a chance to do some real critical thinking about the perseverance, courage, and growth of the traveler. What we take away from these experiences, how they change us, affect us, and influence our own lives, will also be a focus.

Pushing the Limits

Credit: 0.5

Length of Class: One semester

Prerequisites: ILA or AILA

Type of Course: English Credit

Offered to grades: 11-12th

Other: NCAA eligible/RAI approved

Pushing the Limits explores the limits of human imagination, experience and endurance. We will look at how human beings find the strength to survive in tough situations, how they make amazing discoveries, how they deal with extreme emotion, etc. As a result of this class, we will be able to address questions like: "How do people rise above their own situations? How do people find that spark within them that keeps them going? How do they push the boundaries, either within themselves or in society?"

Sport, Competition and Culture

Credit: 0.5

Length of Class: One semester

Prerequisites: ILA or AILA

Type of Course: English Credit

Offered to grades: 11-12th

Other: NCAA eligible/RAI approved

Sport, Competition and Culture studies traditional and non-traditional sports and competitions, in order to grapple with cultural values of competition, sacrifice and reward. We will explore how the quest for victory and the frustration of failure shape and define us.

Working it Out: Communicating in Careers

Credit: 0.5

Length of Class: One semester

Prerequisites: ILA or AILA

Type of Course: English Credit

Offered to grades: 11-12th

Other: NCAA eligible/RAI approved

Working It Out: Communicating in Careers studies the communication strategies that are used after high school, whether in college or at work. By the end of this course students will have studied some literature about the American workforce and their potential roles in it.

Everyday Applied Literature	
Credit: 0.5	Length of Class: One semester
Prerequisites: ILA or AILA	Type of Course: English Credit
Offered to grades: 11-12th	Other: NCAA eligible/RAI approved

Everyday Applied Literature is a course that focuses on subjects beyond what is taught in typical English classes. This course engages students through readings and projects surrounding students' personal lives and interests. The literature read in this class varies from unit to unit and provides a multitude of subjects such as: the power of nature, mathematical concepts, the study of music, and historical connections.

Culture Clash	
Credit: 0.5	Length of Class: One semester
Prerequisites: ILA or AILA	Type of Course: English Credit
Offered to grades: 11-12th	Other: NCAA eligible/RAI approved

Culture Clash studies the positive and negative interactions between colliding cultures and the ways they have affected and shaped how we read, think, and live. Since culture means “shared values and beliefs,” a result of this class will be a dynamic understanding of groups of people with different cultural and ethnic backgrounds and attitudes.

Gender Studies and Literature	
Credit: 0.5	Length of Class: One semester
Prerequisites: ILA or AILA	Type of Course: English Credit
Offered to grades: 11-12th	Other: NCAA eligible/RAI approved

Gender Studies and Literature addresses the issues surrounding gender in history, literature, pop culture, and around the world. Careful analysis will help us to deconstruct gender in a variety of contexts. By the end of the course, we will have thoroughly examined expectations based on gender as portrayed in art, text, media, and film.

Heroic Men and Women	
Credit: 0.5	Length of Class: One semester
Prerequisites: ILA or AILA	Type of Course: English Credit
Offered to grades: 11-12th	Other: NCAA eligible/RAI approved

Heroic Men and Women offers a study of heroes across history and cultures. We will study legend, literature, and contemporary culture to develop a deeper understanding of how we can learn from the heroes of our stories, as well as how the individual can have a powerful impact on the world.

Literary Explorations: A Reader's Journey

Credit: 0.5	Length of Class: One semester
Prerequisites: ILA or AILA	Type of Course: English Credit
Offered to grades: 11-12th	Other: NCAA eligible/RAI approved

Literary Explorations offers a variety of texts and builds strategies for comprehension, interpretation, analysis, and evaluation of reading materials. Student choice will drive text selection; writing and speaking will serve as outlets for processing reading. At the completion of the course, we will have added to the reading toolbox.

Reading the Screen

Credit: 0.5	Length of Class: One semester
Prerequisites: ILA or AILA	Type of Course: English Credit
Offered to grades: 11-12th	Other: NOT approved for NCAA/ RAI approved

This course fulfills a 0.5 English credit toward high school graduation. However, students hoping to receive an athletic scholarship or participate in athletics at an NCAA Division 1 or Division 2 school, should also take an additional English class before high school graduation (this would be a total of 9 English credits) *OR* enroll in a different course. Beginning in the 2015-16 school year, the NCAA does not recognize this course for athletic scholarship or athletic eligibility/participation.

In Reading the Screen, we analyze visual clips, scenes and films to practice important language arts skills. We will learn basic film vocabulary and apply filmmaking terms as we write and speak in order to gain deeper understanding of storytelling as it is expressed visually.

Creative Writing & Literature

Credit: 0.5	Length of Class: One semester
Prerequisites: ILA or AILA	Type of Course: English Credit
Offered to grades: 11-12th	Other: NCAA eligible/RAI approved

Creative Writing & Literature will study literature and a variety of other mediums in order to explore their own creative impulses and create their own original works. We will look at some of the habits of creative people, how they think, struggle with process, seek to perfect, etc. in order to help frame our own creative work.

Advanced Speech

Credit: 0.5	Length of Class: One semester
Prerequisites: ILA or AILA	Type of Course: English Credit
Offered to grades: 12th	Other: NCAA eligible/RAI approved

This course explores the fundamentals of speech-communication through the study and practice of interpersonal and small group communication and the composition and delivery of various speeches given in and out of the classroom. Advanced Speech addresses the history of rhetoric, communication theory, and stresses the importance of critical research to support both writing and speaking skills.

Creative Explorations

Credit: 0.5	Length of Class: One semester
Prerequisites: Creative Writing & Literature	Type of Course: English Credit
Offered to grades: 12th	Other: NCAA eligible/RAI approved

For students who want more opportunity to develop their creative writing, Creative Explorations offers an intense semester working as a poet, fiction writer, or playwright. After a period of review in the basic creative forms, including significant reading, students will have the opportunity to pursue the creative genres in depth. Students will spend a great deal of time extending their writing, and engaging in workshop discussions with peers and the instructor.

Digital Storytelling

Credit: 0.5	Length of Class: One semester
Prerequisites: Integrated Language Arts, Reading the Screen	Type of Course: English Credit
Offered to grades: 12th	Other: NCAA eligible/RAI approved

In this advanced course, students will continue the work they began in Reading the Screen--exploring how listening, speaking, reading and writing skills are used in the analysis and creation of visual texts. We will study a variety of narrative techniques in this course in order to tell fiction and nonfiction stories visually and work with community members to help them tell their stories more effectively.

AP Language & Composition

Credit: 1.0	Length of Class: Yearlong
Prerequisites: ILA or AILA	Type of Course: English Credit
Offered to grades: 11-12th	Other: 6 DMACC credits- ENG 105 (Fall), ENG 106 (Spring) NCAA eligible/RAI approved

In AP Language and Composition students are concurrently enrolled in Des Moines Area Community College and earn college credit for Composition 105 and 106. Therefore, this class has college level expectations. AP Language & Composition explores the AP Curriculum of Argument, Rhetoric, Synthesis and Close Reading, while exploring strategies for timed and process writing; however, the major focus of the course is to instruct students on college level composition and focuses on developing students' reading and writing sophistication. Students study various writing and reading and speaking skills involved in argument. Over the course, students will examine how to write and speak persuasively, read many examples of good and not-so-good arguments, and practice analytical strategies that will help us approach arguments critically and make observations about their effectiveness. In addition, students will fulfill directed and independent projects. The reading and writing students do in the course will deepen their understanding of how language works rhetorically. Activities in the class will expand students' knowledge and control of formal conventions like syntax, vocabulary, diction, spelling, punctuation, paragraph structure, genre, etc. There will be work (reading, writing, etc.) that will need to be completed outside of regular class time. Students may be expected to continue to work on some assignments during any weekend/break/vacation.

AP Literature & Composition

Credit: 1.0	Length of Class: Yearlong
Prerequisites: ILA or AILA	Type of Course: English Credit
Offered to grades: 11-12th	Other: 6 DMACC credits- LIT 101(Fall), LIT 185 (Spring) NCAA eligible/RAI approved

Advanced Placement Literature and Composition is a year-long college-level course designed to develop our critical reading, writing, and thinking skills related to the analysis, investigation and critique of literature. The course is dual enrolled with DMACC's Lit 101 and Lit 185. It is for high school students capable of doing college-level work in English who are dedicated to devoting the necessary time and energy to a rigorous and challenging course. We will acquire the critical skills and technical vocabulary necessary to effectively articulate the analysis of literature. We will often be asked to "go beyond" the text to accumulate research and pursue inquiries instigated by the readings. A rigorous writing process will be employed to help us sharpen our writing skills and effectively articulate their study of the literature. The course is designed with curricular requirements described in the AP English Course Description.

ELECTIVE COURSES

*Students may enroll in elective courses throughout high school if appropriate prerequisites have been met.
These courses do NOT count toward English department credit.*

Acting

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12th	Other: NOT NCAA eligible/does not count towards RAI score

Acting introduces various aspects of theatre and should be taken by anyone who looks to acting as recreation or for career possibilities. Students will be expected to memorize lines, compose character analysis papers, act on-stage, and participate in an evening production. Acting is a one semester, elective course with no prerequisites.

Creative Writing

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9th	Other: NCAA eligible/does not count towards RAI score

Creative Writing is a portfolio-based semester elective. The class will focus on the process of producing quality creative pieces (short stories, poems, songs, etc.) We will focus on a workshop atmosphere with extensive revision of students' writing. Students will learn to give meaningful feedback to other writers as well as identifying and problem-solving issues in their own work. Mini-lessons will focus on the narrative arc, dialogue in fiction, metaphors, symbols in poetry, etc. This class does not fulfill a required credit for English/LanguageArts.

Debate

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12th	Other: NOT NCAA eligible/does not count towards RAI score

This class will teach students public speaking skills through debate. They will learn how to debate many different styles including Policy, Public Forum, Lincoln-Douglas, and Student Congress. Students will be taught case writing, rebuttals, cross-examination skills, analytical thinking, and research skills. Students will have an opportunity to debate at a competitive tournament in addition to regular classroom debates.

Dragon TV	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

Students enrolled will experience all aspects of broadcast journalism. Their productions will be broadcast to the school during a weekly news show. Students will be in charge of the stories they produce, which includes finding stories, filming, and editing the finished product. Topics covered include shooting techniques, interviewing, integration of audio, lighting, camera operation, writing scripts, unbiased reporting and editing. Students must work well with others, as most story assignments will require a reporter and a camera operator. Students must appear on camera at times, as an anchor for the news show. Students will evaluate the work of others, as well as their own productions.

Dragon TV PLUS	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: Dragon TV	Type of Course: Elective
Offered to grades: 11-12th	Other: Not NCAA eligible/does not count towards RAI score

Students who have completed Dragon TV with an A or a B may sign up for Dragon TV Plus. In Dragon TV Plus students will be expected to take on a leadership role for our show. Students will be required to be an anchor, edit stories, provide student to student feedback, shoot footage, and meet deadlines to produce our weekly show.

Newspaper	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: None (consider Journalism)	Type of Course: Elective
Offered to grades: 10-12th	Other: class may be repeated twice; may join mid-year for .5 credit NOT NCAA eligible/NOT RAI approved

Join one of the top journalism programs in the country. Bring recognition to others by sharing their stories and see your work published. The staff creates “The Black and White” print and online editions. Opportunities abound in this course. Past staff members have met new people, traveled to state and national journalism conventions, been recognized with state and national awards and earned scholarships because of their excellent communication skills and ability to work as a team. This class will expand the classroom outside the school building to work on projects such as interviewing, photography, advertising and covering events outside the school day.

Honors Newspaper

Credit: 1.0	Length of Class: Yearlong
Prerequisites: one semester of Newspaper, teacher approval, must be enrolled in Newspaper	Type of Course: Elective
Offered to grades: 10-12th	Other: class may be repeated; may join mid-year for .5 credit NOT NCAA eligible/NOT RAI approved

Lead one of the top journalism programs in the country. Editors decide the content of “The Black and White” print and online editions, oversee the staff and work on in-depth coverage. Past editors have later worked for “The Des Moines Register,” local TV stations, the state attorney general’s office, freelanced for “Sports Illustrated” and served as an Iowa Senator’s press secretary. This class will expand the classroom outside the school building to work on projects such as interviewing, photography, advertising and covering events outside the school day. In addition, experienced students will mentor new staff members.

Yearbook

Credit: 1.0	Length of Class: Yearlong
Prerequisites: None (consider Journalism)	Type of Course: Elective
Offered to grades: 10-12th	Other: class may be repeated twice; may join mid-year for .5 credit NOT NCAA eligible/NOT RAI approved

Join one of the top journalism programs in the country. Bring recognition to others by sharing their stories and see your work published. The staff creates “The Dragon” yearbook. Opportunities abound in this course. Past yearbook students have met new people, traveled to state and national journalism conventions, been recognized with state and national awards and earned scholarships because of their excellent communication skills and ability to work as a team. This class will expand the classroom outside the school building to work on projects such as interviewing, photography, advertising and covering events outside the school day.

Honors Yearbook

Credit: 1.0	Length of Class: Yearlong
Prerequisites: one semester of Yearbook, teacher approval, must be enrolled in Yearbook	Type of Course: Elective
Offered to grades: 10-12th	Other: class may be repeated; may join mid-year for .5 credit NOT NCAA eligible/NOT RAI approved

Lead one of the top journalism programs in the country. Editors decide the content of “The Dragon” yearbook, oversee the staff and work on in-depth coverage. Past editors have later worked for CBS, managed a local TV station, taught at a Division 1 university, and served as former Governor Branstad’s communications coordinator. This class will expand the classroom outside the school building to work on projects such as interviewing, photography, advertising and covering events outside the school day. In addition, experienced students will mentor new staff members.

2024-2025

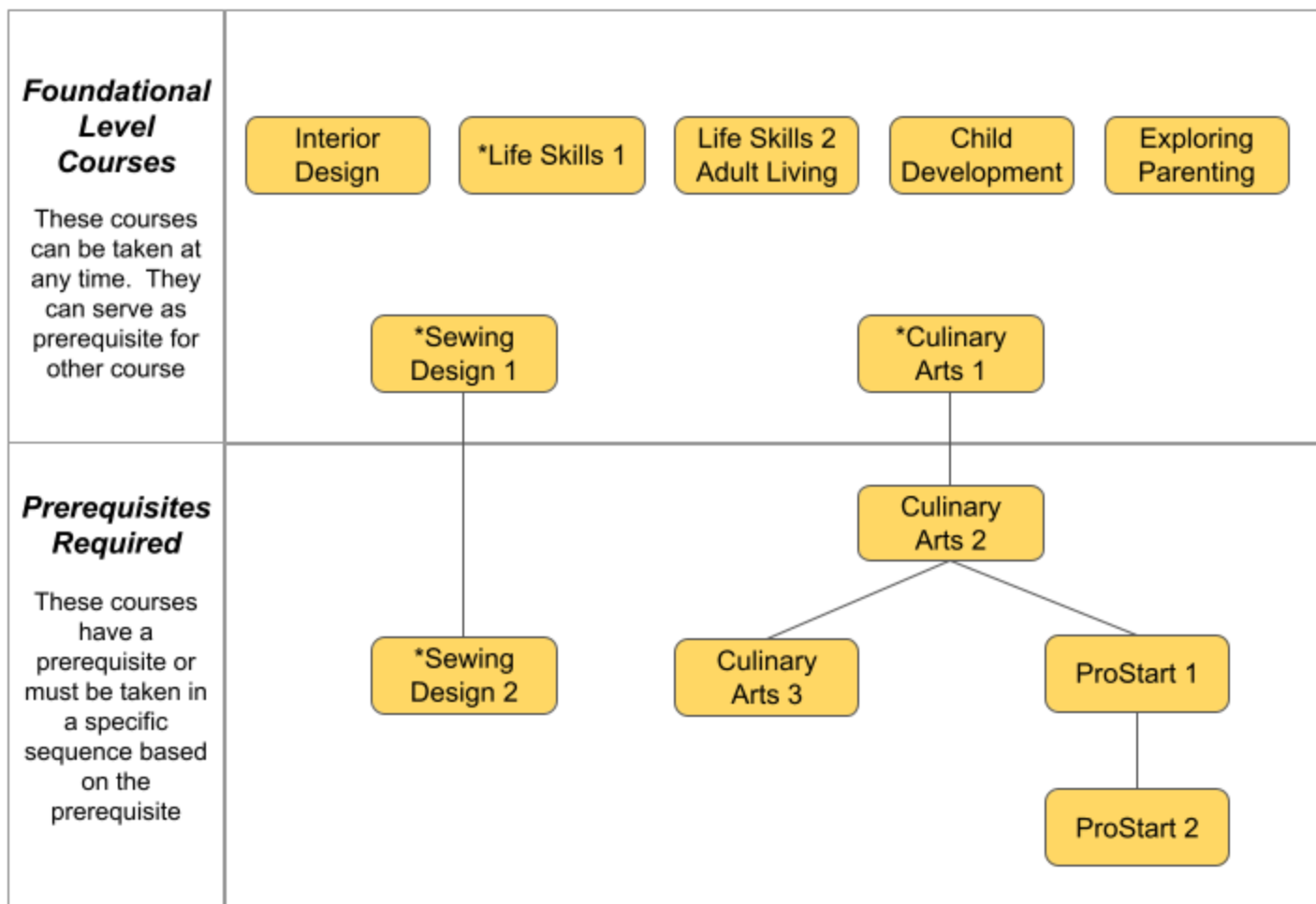
FAMILY & CONSUMER SCIENCES



FAMILY & CONSUMER SCIENCE

Course Title	Offered to students in:				Class Lengths:		Total Credit	NCAA Approved	Included in RAI	Pre-Requisite?
	Grade 9	Grade 10	Grade 11	Grade 12	One Sem.	Year Long				
Arts/AV Technology & Communication Cluster: Visual Arts Pathway										
Sewing Design 1	x	x	x	x	x		0.5	No	No	No
Sewing Design 2		x	x	x	x		0.5	No	No	Yes
Housing and Interior Design		x	x	x	x		0.5	No	No	No
Hospitality & Tourism Cluster: Restaurant, Food & Beverage Pathway										
Culinary Arts 1	x	x	x	x	x		0.5	No	No	No
Culinary Arts 2		x	x	x	x		0.5	No	No	Yes
Culinary Arts 3			x	x	x		0.5	No	No	Yes
ProStart 1			x	x		x	1.0	No	No	Yes
ProStart 2			x	x		x	1.0	No	No	Yes
Human Services Career Cluster: Early Childhood Development Services Pathway										
Life Skills 1	x	x	x	x	x		0.5	No	No	No
Life Skills 2: Adult Living			x	x	x		0.5	No	No	No
Child Development & Guidance		x	x	x	x		0.5	No	No	No
Exploring Parenting		x	x	x	x		0.5	No	No	No

Family and Consumer Science Course Selection Flowchart



JCSD Course Selection Handbook Flow Chart Key



Required course (square)



Elective course (round)



Connects to required prerequisite.



Connects to prerequisite. Can take either course to meet requirement.

** Only available at JMS (9th grade)

* Available at JHS and JMS (9th grade)

ARTS/AV TECHNOLOGY & COMMUNICATIONS CLUSTER: VISUAL ARTS PATHWAY

Sewing Design 1

Credit: .5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12th	Other: Not NCAA eligible/does not count towards RAI score

In this beginner course, students will use technology and sewing techniques to construct clothing and textile products. Students will create projects that use various types of stitches and construction techniques. This course offers students the opportunity for hands-on learning and an outlet to express their creativity.

Sewing Design 2

Credit: .5	Length of Class: One semester
Prerequisites: Sewing Design I	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

Sewing Design 2 is a continuation of applying various types of stitches and construction techniques within a hands-on environment. This class will dive into the use of fabric, design and creation of clothing items to influence trends in fashion. This class will have a greater emphasis on designing and constructing your own creations.

Housing and Interior Design

Credit: .5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

Within this class students explore factors affecting decisions related to housing and home furnishings for individuals and families. Planning, selecting, purchasing, and maintaining a livable home environment are emphasized. Students will be exploring topics such as interior design styles, selection and use of furniture, floor and space planning, elements and principles of design. Working for a client and discovering the use of the elements and principles of design will be the main objectives for this project-based class.

Culinary Arts 1

Credit: .5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12th	Other: Not NCAA eligible/does not count towards RAI score

This foundation level course will begin the journey in exploring the art of food preparation. This course is designed to provide you with the opportunity to understand specific preparation techniques of baking principles and the science behind it, basic knife skills, and basic cooking techniques to get you started cooking on your own. Culinary Arts I emphasizes the understanding of various equipment, food safety and quality, food chemistry and product evaluation. Food units will focus on creating products in the area of quick breads, yeast breads, eggs, pasta with sauces, fruits and vegetables.

Culinary Arts 2

Credit: .5	Length of Class: One semester
Prerequisites: Culinary Arts 1	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

In this Part Two of an introductory course, students continue to advance their skills within safe and sanitary use of equipment, food preparation skills, and knowledge of cooking terms learned in Culinary I. This course is designed to provide you with an opportunity to further understand culinary safety, knife skills, moist cooking and dry heat techniques. Food units will focus on creating products in the area of pastries, yeast breads, meats, herbs, spices, rice, soups, and sauces.

Culinary Arts 3

Credit: .5	Length of Class: One semester
Prerequisites: Culinary Arts 2	Type of Course: Elective
Offered to grades: 11-12th	Other: Not NCAA eligible/does not count towards RAI score

This course serves as an advanced culinary course after taking Culinary I & II. Students continue to advance their skills within safe and sanitary use of equipment, food preparation skills, and knowledge of cooking terms learned in Culinary I & II. This will prepare you for careers in the food and hospitality industry by advancing your skills to a new level.

ProStart 1	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: Culinary Arts 2 and teacher recommendation	Type of Course: Elective
Offered to grades: 11-12th	Other: Not NCAA eligible/does not count towards RAI score

ProStart is an exciting advanced culinary management class for the motivated student who enjoys the foodservice industry and would be a strong candidate for managing other people. The ProStart program introduces students to restaurant and foodservice concepts not found in the traditional culinary courses. In addition to the fun of food preparation, topics like customer relations, cost accounting, food cost controls, and marketing are covered. Whether a student plans to go on to college or head straight for a career, the business skills that the ProStart program develops will serve them well in the years ahead and opens student's eyes to the vast and varied career options available to them in this exciting industry.

There is also an annual state competition for ProStart teams. The state winners travel to the national competition to vie for awards and scholarships.

ProStart 2	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: ProStart 1 and teacher recommendation	Type of Course: Elective
Offered to grades: 11-12th	Other: Not NCAA eligible/does not count towards RAI score

ProStart II continues to develop the restaurant and food service concepts established in ProStart I. The student will:

- Explore the history of the food service and lodging industry as well as the tourism and retail industry
- Demonstrate preparation of potatoes and grain products, desserts and baked goods, meat, poultry, seafood, stocks, soups, and sauces
- Develop techniques to demonstrate the art of food service
- Explore marketing and the menu of an establishment
- Develop purchasing and inventory control methods
- Use standard accounting practices
- Demonstrate a variety of ways in effective customer communications

HUMAN SERVICES CAREER CLUSTER: EARLY CHILDHOOD DEVELOPMENT

Life Skills 1

Credit: .5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12th	Other: Not NCAA eligible/does not count towards RAI score

This course has been restructured to fit the needs of all students preparing for independent life after high school. This class will focus on exploration of employability and interpersonal skills, as well as the application of human services such as interview skills, sewing for repairs, and cooking for life.

Life Skills 2

Credit: .5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 11-12th	Other: Not NCAA eligible/does not count towards RAI score

Do you know what soft skills are? Employers want them in their employee, but what are they and how can you learn to apply them? This class explores a wide variety of soft skills like problem solving, good communication, resiliency, and critical thinking through the exploration of their application in the real world and guest speakers from the community—your future employers. This course will prepare you for self-sufficiency in career and life management, build and develop personal and professional relationships, and open your eyes to realistic financial responsibility. Much of this class is student designed and focused.

Child Development and Guidance

Credit: .5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

Gain practical experience in guiding young children as you create and deliver age-appropriate activities at local preschool and daycare settings. Learn to direct behaviors, observe and motivate children. A basic study of developmental stages of preschool age children and the provision of a healthy and safe environment for children is the focus of classroom work. Practicum at a local child care center is included.

Exploring Parenting

Credit: .5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

This course focuses on the study of human development from conception to three years old. Examine the decision to parent, pregnancy, healthy parent-child relationships, safe and nurturing environments, and age appropriate development in children. The role of parents, family, and caregivers in meeting the child's physical, intellectual, and social-emotional needs are the focus of study. Students will be required to take "Baby Think It Over" for several nights.

2024-2025

INDUSTRIAL TECHNOLOGY & PLTW

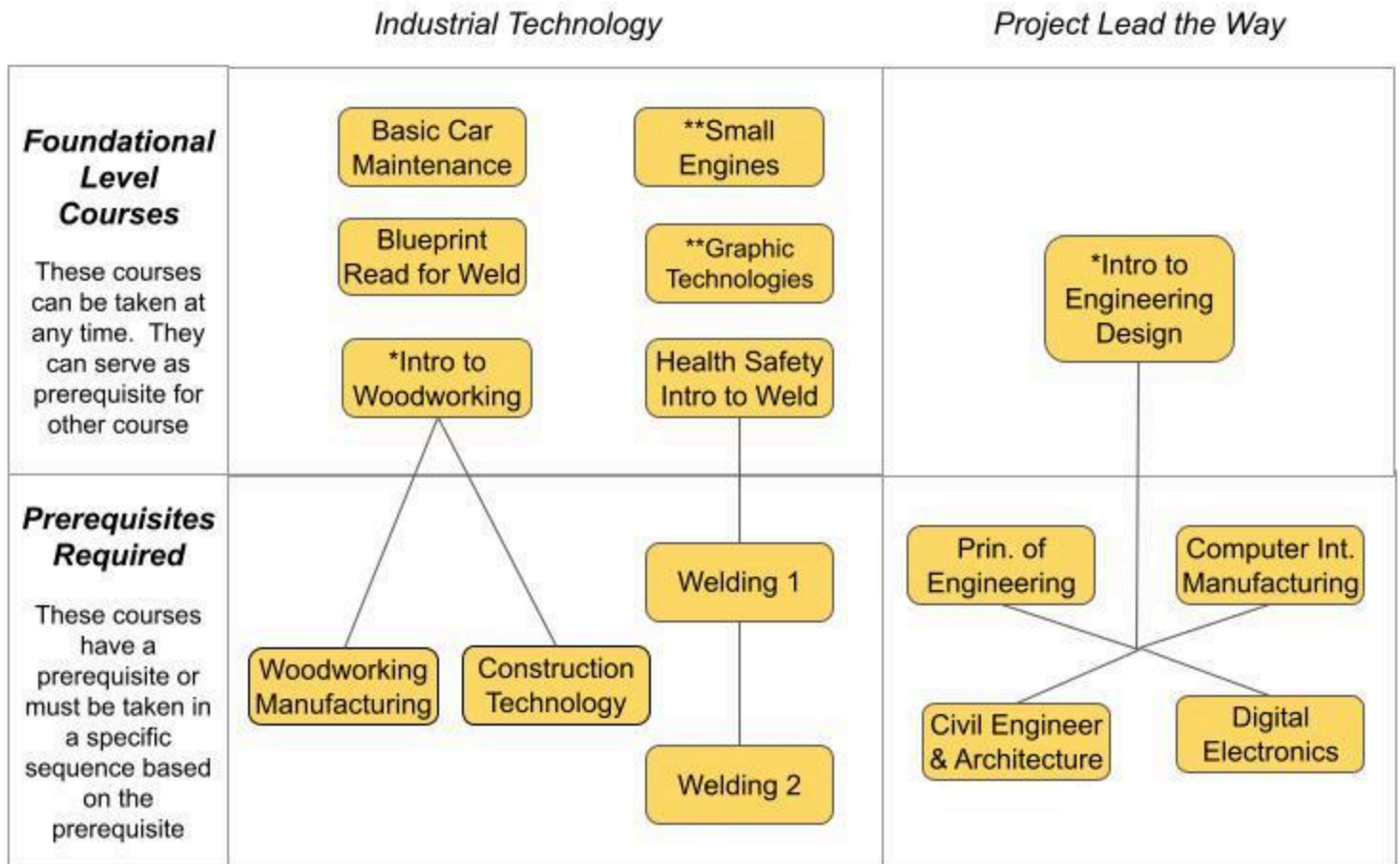


INDUSTRIAL TECHNOLOGY & PLTW

Course Title	Offered to students in:				Class Length is:		Total Credit	NCAA Approved	Included in RAI	Pre-Req?
	Grade 9	Grade 10	Grade 11	Grade 12	One Sem.	Year Long				
COMMUNICATION Course										
Graphic Technologies/ Communication	x				x		0.5	No	No	No
CONSTRUCTION Courses										
Construction Tech.			x	x		x	1.5	No	No	Yes
Woodworking Manufacturing		x	x	x	x		0.5	No	No	Yes
Introduction to Woodworking	x	x	x	x	x		0.5	No	No	No
MANUFACTURING Courses										
Blueprint Reading for Welders		x	x	x	x		0.5	No	No	No
Safety & Health of the Welder/Intro to Welding		x	x	x	x		0.5	No	No	No
Welding 1		x	x	x		x block	2.0	No	No	No
Welding 2		x	x	x		x block	2.0	No	No	Yes
TRANSPORTATION Courses										
Basic Car Maintenance			x	x	x		0.5	No	No	No
Small Engines	x						0.5	No	No	No

PROJECT LEAD THE WAY (PLTW)										
Civil Engineering and Architecture		x	x	x		x	1.0	No	No	Yes
Computer Integrated Manufacturing		x	x	x		x	1.0	No	No	Yes
Digital Electronics		x	x	x		x	1.0	No	No	Yes
Intro to Engineering Design	x	x	x	x		x	1.0	No	No	Yes
Principles of Engineering		x	x	x		x	1.0	No	No	Yes

Industrial Technology and PLTW Course Selection Flowchart



JCSD Course Selection Handbook Flow Chart Key

Required course (square)

Elective course (round)

————— Connects to required prerequisite.

----- Connects to prerequisite. Can take either course to meet requirement.

** Only available at JMS (9th grade)

* Available at JHS and JMS (9th grade)

COMMUNICATION COURSE

Graphic Technologies/Communication

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9th	Other: Not NCAA eligible/does not count towards RAI score

During this course students will learn the design process through project based learning. Topics range from sketching, computer aided design, 3D printing, laser engraver, as well as architectural design principles and elements. Software includes Autodesk Inventor, Autodesk Revit, CorelDraw, Adobe Photoshop, PowerPoint, and Excel. Projects may include the designing and laser cutting of wood and plastic, 3D printing prototypes, reverse engineering, and architectural home design.

CONSTRUCTION COURSES

Construction Technology (DMACC Dual Credit)

Credit: 1.5	Length of Class: Yearlong
Prerequisites: Woodworking 1	Type of Course: Elective
Offered to grades: 11-12th	Other: 7 DMACC credits- CON 336 (Fall), CON 337 (Fall), CON 333 (Spring) Not NCAA eligible/does not count towards RAI score

Construction Technology teaches the topics covered in DMACC courses; Care & Use of Hand and Power Tools, Blueprint Reading and Materials and Construction Theory. This is a hands-on, project-based course for students who are interested in learning more about the construction industry.

Woodworking Manufacturing

Credit: 0.5	Length of Class: One semester
Prerequisites: Introduction to Woodworking	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

Woodworking Manufacturing is a course that utilizes the fundamentals learned in Introduction to Woodworking and expands on that knowledge. The class is 100% project based. Students will choose to work individually or within a group to design, build and finish a woodworking project of their choice. Modern manufacturing methods such as Computer Numeric Control (CNC) Router, CNC Lathes, Laser cutting and other industrial machinery will be introduced and used. Students will gain introductory engineering skills using 3D Solid Modeling, Computer Aided Manufacturing (CAM), and producing technical drawing with a professional project report. Successful completion of Introduction to Woodworking is required.

MANUFACTURING COURSES

Introduction to Woodworking

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12th	Other: Not NCAA eligible/does not count towards RAI score

Introduction to woodworking develops knowledge and fundamental skills utilized within the field of woodworking and construction. Shop safety, layout procedures, woodworking joint construction, gluing and clamping procedures and finishing processes are covered. The projects will require you to follow a plan of procedure and fill out a bill of materials. If time permits, students may be able to select a project of their own to construct. Equipment safety and proper operation along with sanding and finishing techniques will be a focal point of the course. *This is the same class at JMS and JHS -- cannot take course twice.*

Blueprint Reading for Welders (DMACC Dual Credit)

Credit: .5	Length of Class: Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12th grade	Other: DMACC Credits- WEL 233 Not NCAA eligible/does not count towards RAI score

This course provides instruction in interpreting elements of welding prints (drawings or sketches), focusing on measurement, American Welding Society welding symbols, and fabrication requirements. Students will understand how to prepare, assemble and tack welding parts according to drawings or sketches, using proper materials and tools.

Introduction to Welding/Safety & Health of the Welder (DMACC Dual Credit)

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12th	Other: 1 DMACC Credit: WEL 228 Not NCAA eligible/does not count towards RAI score

This course will provide students with orientation to the welding profession and will cover the basics of safety and health within the welding profession. This course will also introduce you to several types of welding, Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Oxygen-Fuel Welding (OFW) and Oxy-Acetylene cutting (OAC). You will learn how to set up the equipment and perform simple welds and cuts in the flat position. Safety in the lab is of paramount importance.

**Welding 1
(DMACC Dual Credit)**

Credit: 2	Length of Class: Year Long (blocked)
Prerequisites: Intro to Welding	Type of Course: Elective
Offered to grades: 11-12th	Other: 6 DMACC Credits- WEL 274 (Spring), WEL 244 (Fall), WEL 254. Not NCAA eligible/does not count towards RAI score

This course focuses on proper weld safety, machine setup and welding techniques of Gas Metal Arc Welding Short-Circuiting Transfer. Students perform American Welding Society compliant welds on carbon steel, in flat, horizontal, vertical and overhead positions. In addition students will learn the safety, amperage settings, polarity and the proper selection of electrodes for the shielded metal arc welding process. Students will perform American Welding Society compliant welds on carbon steel, using visual and destructive methods for determining weld quality. Lastly, students will visually examine test weldments and thermally cut surfaces per multiple welding codes, standards, and specifications.

**Welding 2
(DMACC Dual Credit)**

Credit: 2	Length of Class: Year Long (blocked)
Prerequisites: Welding 1	Type of Course: Elective
Offered to grades: 10-12th	Other: 7 DMACC Credits- WEL 275, WEL 245, WEL 251. Not NCAA eligible/does not count towards RAI score

This course focuses on safety, machine set up and techniques for the Shielded Metal Arc Welding (informally known as stick welding) process, Flux Cored Arc Welding (Gas Shielded) and Gas Tungsten Arc welding. Students will perform American Welding Society complaint welds on carbon steel, in flat, horizontal, vertical and overhead configurations, using visual and destructive methods for determining weld quality.

TRANSPORTATION COURSES

Basic Car Maintenance

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 11-12th	Other: Not NCAA eligible/does not count towards RAI score

Students will learn the essentials of purchasing, owning, maintaining, and selecting professional service for an automobile. Students will also learn the operational systems, general and preventative maintenance, light service, and general troubleshooting. The student will explore careers in the transportation industry and have hands-on opportunities to service their own vehicle in class. Access to a vehicle is encouraged.

Small Engines

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9th	Other: Not NCAA eligible/does not count towards RAI score

This course will explore careers in the small engine industry as well as introduce the students to the various mechanical systems and components of a 4-stroke internal combustion engine. The student will learn how to diagnose, disassemble, inspect, measure, and reassemble an OHV engine. Students will work on an Overhead valve engine to learn the basic operation of an internal combustion engine. The second half of the course will allow students to bring in their own L-head engine to disassemble, measure, and reassemble.

Project Lead the Way: Project Lead the Way (PLTW) is a national program forming partnerships among public schools, higher education institutions and the Private Sector to increase the quantity and quality of engineers and engineering technologists graduating from our education system.

Student Recognition: AP + PLTW Student Achievement

Students who complete the requirements earn the AP + PLTW Achievement, a recognition that demonstrates to colleges and employers that the student is ready for advanced course work and interested in careers in this discipline.

To earn this recognition, the student must satisfactorily complete three courses — one AP course; one PLTW course; and a third course, either AP or PLTW — and earn a qualifying score of 3 or higher on the AP Exam(s) and a score of 4 or higher on the PLTW End of Course assessment(s). Courses that qualify are listed in chart below.

To apply for this achievement recognition, go to <https://www.apandpltw.org>

If you have questions about this recognition, please see JHS PLTW teachers.

<p>College JHS AP Courses</p>	<ul style="list-style-type: none"> · AP Biology · AP Calculus AB · AP Calculus BC · AP Chemistry · AP Computer Science · AP Environmental Science · AP Physics C: Mechanics · AP Statistics
<p>Career JHS PLTW Courses</p>	<ul style="list-style-type: none"> · Introduction to Engineering Design · Principles of Engineering · Civil Engineering Architecture · Computer Integrated Manufacturing · Digital Electronics

Civil Engineering and Architecture (CEA) (DMACC Dual Credit)	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: Introduction to Engineering Design OR Principles of Engineering	Type of Course: Elective
Offered to grades: 10-12th	Other: 3 DMACC Credits- EGT 460 (Spring) Not NCAA eligible/does not count towards RAI score

CEA is a high school level specialization course in the PLTW Engineering Program. In CEA students are introduced to important aspects of building and site design and development. They apply math, science, and standard engineering practices to design software. Utilizing the activity-project-problem-based (APB) teaching and learning pedagogy, students will progress from completing structured activities to solving open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills.

Computer Integrated Manufacturing (CIM) (DMACC Dual Credit)	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: Introduction to Engineering Design OR Principles of Engineering	Type of Course: Elective
Offered to grades: 10-12th	Other: 3 DMACC Credits- EGT 450 (Spring) Not NCAA eligible/does not count towards RAI score

A course that applies principles of robotics and automation Computer Aided Design (CAD) design. This course builds on computer solid modeling skills developed in Introduction to Engineering Design, and Design and Drawing for Production. Students use Computer Numerical Control (CNC) equipment to produce actual models of their three-dimensional designs. Fundamental concepts of robotics used in automated manufacturing, and design analysis are included. Computer Integrated Manufacturing is abbreviated CIM. A computer automated system in which individual engineering, production, marketing, and support functions of a manufacturing enterprise are organized; functional areas such as design, analysis, planning, purchasing, cost accounting, inventory control, and distribution are linked through the computer with factory floor functions such as materials handling and management, providing direct control and monitoring of all process operations.

**Digital Electronics (DE)
(DMACC Dual Credit)**

Credit: 1.0	Length of Class: Yearlong
Prerequisites: Introduction to Engineering Design OR Principles of Engineering	Type of Course: Elective
Offered to grades: 10-12th	Other: 3 DMACC Credits- EGT 420 (Spring) Not NCAA eligible/does not count towards RAI score

Digital Electronics is the study of electronic circuits that are used to process and control digital signals. The major focus of the course is to expose students to the design process of logic design, teamwork, communication methods, engineering standards, and technical documentation. No previous knowledge in electronics is needed.

**Introduction to Engineering Design (IED)
(DMACC Dual Credit)**

Credit: 1.0	Length of Class: Yearlong
Prerequisites: Completion or currently enrolled in Algebra I (DMACC requirement)	Type of Course: Elective
Offered to grades: 9-12th	Other: 3 DMACC Credits- EGT 400 (Spring) Not NCAA eligible/does not count towards RAI score

Introduction to Engineering Design is a course for students interested in design and engineering or a technical career. The major focus of the IED course is to expose students to a design process, professional communication and collaboration methods, design ethics, and technical documentation. IED gives students the opportunity to develop skills in research and analysis, teamwork, technical writing, engineering graphics, and problem solving through problem-based learning. Students should have a strong math background and show interest in science, technology, engineering or math (STEM).

**Principles of Engineering (POE)
(DMACC Dual Credit)**

Credit: 1.0	Length of Class: Yearlong
Prerequisites: Introduction to Engineering Design, completion of Algebra 2 or Geometry recommended	Type of Course: Elective
Offered to grades: 10-12th	Other: 3 DMACC Credits- EGT 410 (Spring) Not NCAA eligible/does not count towards RAI score

POE is a foundation course of the high school engineering pathway. This survey course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of materials and structures, automation, and kinematics. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology.

2024-2025

MATHEMATICS



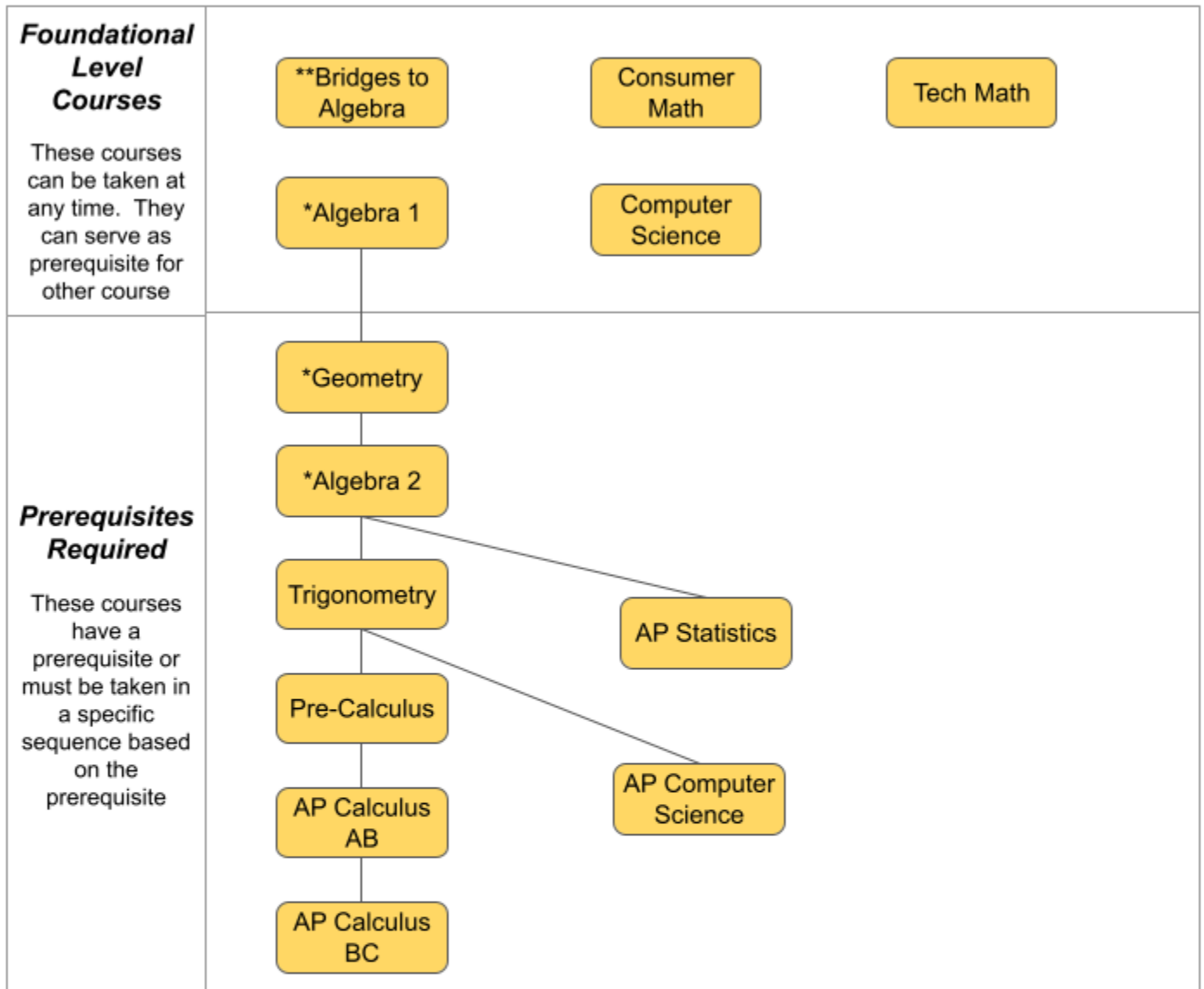
MATHEMATICS

Course Title	Offered to students in:				Class Length is:		Total Credit	NCAA Approved	Included in RAI	Pre-Requisite?
	Grade 9	Grade 10	Grade 11	Grade 12	One Sem.	Year Long				
Algebra I	x	x	x	x		x	1.0	Yes	Yes	No
Algebra 2	x	x	x	x		x	1.0	Yes	Yes	Yes
Algebra 2 (block)		x	x	x	x		1.0	Yes	Yes	Yes
AP Calculus AB (DMACC dual credit)		x	x	x	x		1.0	Yes	Yes	Yes
AP Calculus BC			x	x	x		1.0	Yes	Yes	Yes
AP Computer Science A (DMACC dual credit)			x	x		x	1.0	No	No	Yes
AP Statistics (DMACC dual credit)		x	x	x	x		1.0	Yes	Yes	Yes
Bridges to Algebra	x					x	1.0	No	No	Yes
Computer Science		x	x	x	x		1.0	No	No	Yes
Consumer Math			x	x	x		1.0	No	No	Yes
Geometry	x	x	x	x		x	1.0	Yes	Yes	Yes
Geometry (block)		x	x	x	x		1.0	Yes	Yes	Yes
Pre-Calculus		x	x	x	x		1.0	Yes	Yes	Yes
Tech Math		x	x	x	x		1.0	No	No	Yes
Trigonometry		x	x	x	x		0.5	Yes	Yes	Yes

Math

Course Selection Flowchart

Graduation Requirement: 3.0 Credits



JCSD Course Selection Handbook Flow Chart Key



Required course (square)



Elective course (round)



Connects to required prerequisite.



Connects to prerequisite. Can take either course to meet requirement.

** Only available at JMS (9th grade)

* Available at JHS and JMS (9th grade)

WHICH CALCULATOR TO USE?

The use of graphing calculators is recommended or required in all math classes. The graphing calculators are allowed for taking the PSAT, SAT, and the ACT tests. These tests are now written with the calculator in mind and the questions include graphical analysis which can only be done with a graphing calculator. Graphing calculators are available for use in the classroom or for checkout in the Library Media Center. The TI-NspireCX (not CAS), TI-83, TI-83+, TI-84, or TI-84+ are all PSAT, SAT, and ACT approved and will work in all classes at JHS. It is our district expectation that a student and family will purchase only one graphing calculator during their secondary math experience. Speak to your math instructor if you have further questions.

Algebra 1	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: None	Type of Course: Math Credit
Offered to grades: 9-12th	Other: NCAA eligible/RAI approved

Concepts and skills are introduced algebraically, graphically, numerically, and verbally, often in the same lesson to help students make connections and to address diverse learning styles. Topics included in this course are: solving and graphing linear equations and inequalities, systems of equations and inequalities, properties of exponents, polynomials, and quadratic equations and functions.

Algebra 2	
Credit: 1.0	Length of Class: 9th - Yearlong; 10-12 - One semester, blocked period or yearlong
Prerequisites: Geometry & Algebra I	Type of Course: Math Credit
Offered to grades: 10-12th	Other: Recommended for College Admission, NCAA eligible/RAI approved Required Materials: Graphing Calculator (TI-83, 83+, 84, 84+ or TI-nspire CX)

The Algebra 2 course is offered as either a blocked (two period) - one semester course OR as single period- yearlong course, both earning 1.0 credit. This option provides most of the material that could be seen on the ACT or SAT. Advanced Algebra, Functions, Linear and Quadratic Equations, Modeling, Polynomial, Radical, Exponential and Logarithmic Functions, and Rational Equations are the covered topics. This course is designed as the third year of math recommended by many colleges and universities.

AP Calculus AB	
Credit: 1.0	Length of Class: One semester blocked period
Prerequisites: Pre-Calculus (recommended B grade or better);	Type of Course: Math Credit
Offered to grades: 10-12th	Other: 5 DMACC Credits- MAT 211 Recommended for College Admission NCAA eligible/RAI approved Required Materials: Graphing Calculator (TI-83, 83+, 84, 84+or TI-Nspire CX)

Advanced Placement Calculus AB is a course designed to fulfill the requirements of a college first semester Calculus Course. Topics that are covered include; polynomials, special functions, transcendental functions, limits, continuity, derivatives, and definite integrals. The course is intended for advanced high school mathematics students who are willing to devote the energy necessary to complete a course more rigorous and demanding than other high school mathematics courses.

AP Calculus BC	
Credit: 1.0	Length of Class: One semester blocked period
Prerequisites: AP Calculus AB (recommended grade B or better)	Type of Course: Math Credit
Offered to grades: 10-12th	Other: Recommended for College Admission, NCAA eligible/RAI approved Required Materials: Graphing Calculator (TI-83, 83+, 84, 84+or TI-Nspire CX)

Advanced Placement Calculus BC is a course designed to fulfill the requirements of a college second semester calculus course. Among topics that are covered are: indefinite integrals, hyperbolic functions, series and sequences, polynomial approximations, and Taylor series. The course is intended for advanced high school mathematics students who are willing to devote the energy necessary to complete a course which builds upon the principles of AP Calculus AB.

This course will prepare students for taking the Advanced Placement Examination in Calculus BC. Although not required, it is expected that students will participate in that exam.

AP Computer Science A

Credit: 1.0	Length of Class: Yearlong
Prerequisites: Computer Science <u>or</u> Trig <u>or</u> See Instructor	Type of Course: Math Credit
Offered to grades: 10-12th	Other: 3 DMACC Credits: CIS 171 (Spring) Not NCAA eligible/does not count towards RAI score Required Materials: Graphing Calculator (TI-83, 83+, 84, 84+or TI-Nspire CX)

AP Computer Science A is both a course for potential science majors and a foundation course for students planning to study in other technical fields such as engineering, physics, chemistry, and geology. The course emphasizes programming methodology, procedural abstraction, and in-depth study of algorithms, data structures, and data abstractions, as well as a structured lab component consisting of a minimum of 20 hours of hands-on lab experiences integrated throughout the course. Instruction includes preparation for the AP Computer Science A Exam. Students should leave class with a clear understanding of Java and the ability to adapt to any new programming language that they are taught in college.

While this class meets the JHS math graduation requirements, it may not be accepted as a MATH credit by colleges or the NCAA Clearinghouse.

AP Statistics

Credit: 1.0	Length of Class: One semester blocked period
Prerequisites: Algebra II (recommended B or better)	Type of Course: Math Credit
Offered to grades: 10-12th	Other: 3 DMACC Credits- MAT 156 NCAA eligible/RAI approved Required Materials: Graphing Calculator (TI-83, 83+, 84, 84+or TI-Nspire CX)

The AP Statistics course is an excellent option for any secondary school student who possesses sufficient mathematical maturity and quantitative reasoning ability, and who has a desire to investigate statistical analysis of data. The purpose of the AP course in Statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

1. Exploring Data: Observing patterns and departures from patterns.
2. Planning a Study: Deciding what and how to measure.
3. Anticipating Patterns: Producing models using probability theory and simulation.
4. Statistical Inference: Confirming models.

Students who participate in the AP Statistics course are expected, but not required, to take the AP Statistics exam.

Bridges to Algebra	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: Recommended by Staff	Type of Course: Math Credit
Offered to grades: 9th	Required Materials: basic scientific calculator (non-graphing) Not NCAA eligible/does not count towards RAI score

Concepts and skills developed during this course which would enable the student to be prepared for Algebra. Topics included in this course develop skills with operations on real number system, ratios, proportions, simplifying expressions, solving linear equations, inequalities, area, and volume. This course will be supported through independent online teaching.

Computer Science	
Credit: 1.0	Length of Class: One semester blocked period
Prerequisites: Geometry (recommended C or better for Algebra I and Geometry)	Type of Course: Math Credit
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

Designed to appeal to a diverse audience, this course examines some of the fundamental ideas of the science of computing. Explorations and hands-on assignments cover a wide variety of topics such as the history of computing, hardware organization, the Internet, computer programming, limits of computing, and issues surrounding computing in today's society. This course will not prepare students for the AP Computer Science Exam in May, but is used as a prerequisite to the AP Computer Science course.

Consumer Math	
Credit: 1.0	Length of Class: One semester blocked period
Prerequisites: None	Type of Course: Math Credit
Offered to grades: 10-12th	Other: only open to students who will not have completed Algebra 2 Not NCAA eligible/does not count towards RAI score

The emphasis of this course is on the computation skills needed now and throughout life for consumers and job holders. In addition to review of basic math skills, some of the topics covered are income, personal banking, consumer credit, automobile buying and expenses, travel, housing, tax, and insurance.

Geometry	
Credit: 1.0	Length of Class: 9th - Yearlong; 10-12 - One semester, blocked period or yearlong
Prerequisites: Algebra 1	Type of Course: Math Credit
Offered to grades: 9-12th	Other: NCAA eligible/RAI approved Required Materials: Graphing Calculator (TI-83, 83+, 84, 84+or TI-Nspire CX)

The concept of proof is introduced in a variety of formats including two column, paragraph, and indirect forms. Students learn to value the need to think logically and present ideas in a logical order. Traditional geometry concepts and logical reasoning are emphasized throughout while measurement and applications are integrated to motivate students via real-world connections.

Algebra is reviewed and integrated throughout the course. Skills are reviewed at point-of-use, ensuring students maintain these skills. Algebra integration within coordinate geometry topics, plus probability and statistics connections, are addressed in this course.

Pre-Calculus	
Credit: 1.0	Length of Class: One semester blocked period
Prerequisites: Trigonometry	Type of Course: Math Credit
Offered to grades: 10-12th	Other: NCAA eligible/RAI approved Required Materials: Graphing Calculator (TI-83, 83+, 84, 84+or TI-Nspire CX)

This course continues the development of critical thinking and problem-solving skills. The concepts covered include advanced work with trigonometric functions and formulas, conic sections, probability, exponential and logarithmic functions, modeling data, and an introduction to derivatives and integrals. This course is designed to prepare students for college mathematics and /or technical fields of training.

Tech Math 1	
Credit: 1.0	Length of Class: One semester blocked period
Prerequisites: Algebra 1 (recommended C grade or better)	Type of Course: Math Credit
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score Required Materials: Scientific or Graphing Calculator

The content of the course includes elementary mathematical skills for technicians. Topics covered include fundamental operations with whole numbers, fractions, decimals, and signed numbers, percentages, geometric figures and basic constructions, area and volume formulas, English/Metric systems, measurements, and the interpretations of graphs and charts. This course is modeled after a prerequisite to any of the Vocational Programs at DMACC.

Trigonometry

Credit: 0.5 credit	Length of Class: One semester, non-blocked
Prerequisites: Algebra 2	Type of Course: Math Credit
Offered to grades: 10-12th	Other: NCAA eligible/RAI approved Required Materials: Scientific or Graphing Calculator

Trigonometry, helps students develop skills sufficiently to write and use the definition of trigonometric functions; sketch the graph of trigonometric functions; prove identities; solve trigonometric equations; learn and then apply the law of the sines and cosines. This course prepares students for Pre-Calculus and other advanced courses in mathematics. Students will learn to value the need to think critically and communicate their reasoning in logical order.

2024-2025

MUSIC

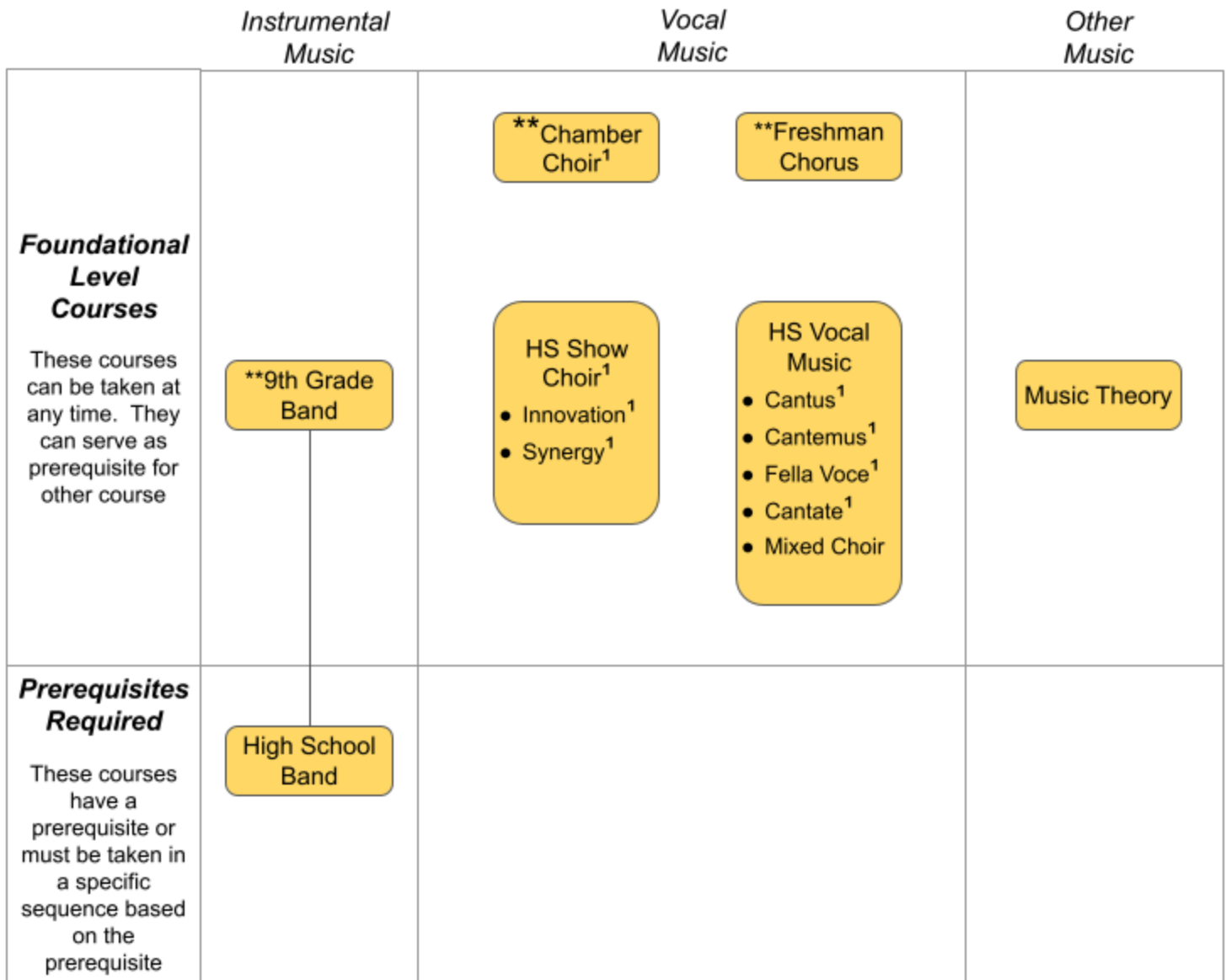


MUSIC

Course Title	Offered to students in:				Class Length is:		Total Credit	NCAA Approved	Included in RAI	Pre-Requisite?
	Grade 9	Grade 10	Grade 11	Grade 12	One Sem.	Year Long				
Music Theory			x	x	x		0.5	No	No	No*
INSTRUMENTAL MUSIC										
9th Grade Band	x					x	1.0	No	No	Yes
High School Band		x	x	x		x	1.0	No	No	Yes
VOCAL MUSIC - 9th Grade Only										
Chamber Choir	x					x	1.0	No	No	Yes
Freshman Chorus	x					x	1.0	No	No	No
VOCAL MUSIC										
CONCERT CHOIRS <ul style="list-style-type: none"> • Cantus Chamber Choir • Cantemus Chamber Choir • Fella Voce Bass Clef Choir • Cantate Women's Choir 		x	x	x		x	1.0	No	No	Yes
Mixed Chorus		x	x	x		x	0.5	No	No	No
Show Choir - Innovation or Synergy		x	x	x		x	0.5	No	No	Yes

NOTE: Uniform/equipment fee is associated with several band and vocal music classes, info in descriptions

Instrumental and Vocal Music Course Selection Flowchart



JCSD Course Selection Handbook Flow Chart Key



Required course (square)



Connects to required prerequisite.



Elective course (round)

¹

Available by audition only

****** Only available at JMS (9th grade)

INSTRUMENTAL MUSIC

9th Grade Band

Credit: 1.0	Length of Class: Yearlong
Prerequisites: Successful completion of 8th grade band or with director approval	Type of Course: Elective
Offered to grades: 9th	Other: Not NCAA eligible/does not count towards RAI score Fees: Only if student needs to rent an instrument from school

Students collaborate to rehearse and perform a variety of band repertoire representing different genres and historical periods. Students perform in three concerts and one festival performance per year; other optional enrichment opportunities (jazz band, solo and ensemble festival, etc.) are also offered for interested students. Successful completion of 8th grade band or director approval is required to enroll in 9th grade band. Students rehearse during class; that is, they work to refine their skills and music for upcoming performances. Students will become life-long consumers of music, will make life-long friends, and will gain life-long insights into the “Power of One,” dedication, commitment, and work ethic. Most importantly, students will discover the impact of music upon their lives and those with whom they share their music.

High School Band

Credit: 1.0	Length of Class: Yearlong
Prerequisites: Successful completion of 9th grade band or with director approval	Type of Course: Elective
Offered to grades: 10-12 th	Other: Not NCAA eligible/does not count towards RAI score Fees: \$50 Course fee covers uniform, gloves, shoes, etc.

The JHS band program provides an opportunity for the study of music in various forms and styles for qualified instrumentalists. Instrumental music commences with marching band in the fall. Comprised of all members of the band program, the marching band season starts with Monday night rehearsals starting at the end of June through July. The marching band starts meeting Monday through Friday at the beginning of August. The marching band meets daily at 7 a.m. during the first nine weeks of school and rehearses through first period. Participation includes a handful of Saturday commitments. The marching band represents the JHS Dragons at all home football games and maintains an active and diverse fall marching competition schedule.

The core of the program, concert band, begins at the conclusion of marching season. Students are placed into one of three concert bands through an audition process that takes place in the spring of the preceding school year. In addition to three home concerts, the bands participate in festivals outside of the district throughout the year.

The high school band department also operates three extracurricular jazz bands. These bands meet at 7 a.m. in the morning beginning at the conclusion of the marching band season. Students must be enrolled in the band course in order to be eligible for jazz band as outlined by the Iowa High School Music Association.

Students may not take band second semester if they have not successfully completed the first semester.

VOCAL MUSIC

All students wishing to participate in choir at JHS should request “**MIXED CHORUS**” when requesting courses and your counselor will hand place you in your assigned choir after auditions.

Chamber Choir - 9th Grade

Credit: 1.0	Length of Class: Yearlong
Prerequisites: Audition and member of Freshman Chorus	Type of Course: Elective
Offered to grades: 9th	Other: Not NCAA eligible/does not count towards RAI score

9th grade Chamber Choir is an auditioned group of 9th grade students. This choir provides students the opportunity to sing more difficult accompanied and a cappella music. This select ensemble will explore and perform a variety of music in addition to gaining a greater understanding of the advanced vocal techniques for the mixed ensemble. Chamber Choir will perform in three concert events during the year and will perform at the Madrigal Dinner and other community events. Auditions for this class will occur during the spring semester prior to 9th grade.

Freshman Chorus

Credit: 0.5	Length of Class: Yearlong (meets on alternate days)
Prerequisites: None	Type of Course: Elective
Offered to grades: 9th	Other: Not NCAA eligible/does not count towards RAI score

Students will sing in a mixed choir and treble clef and bass clef choir setting, allowing students to vocally prepare for their future. Students will learn vocal fundamentals concentrating on skills such as correct breathing techniques, vowel modification, diction and communication and performance techniques. Solfege syllables and hand-signs will be used to enhance sight-reading skills and improve part-singing. Students will participate in three concerts performing a varied repertoire of songs. In addition to preparing for 3 concerts a year, students are able to participate in Opus Honor Choir, Solo Ensemble Festival, Madrigal Dinner, and other performances around the community. Not only will students develop their musical skills, they will learn to work as a team by using life skills on a daily basis.

High School Show Choir

Innovation and Synergy

Credit: 0.5	Length of Class: Yearlong, alternate days
Prerequisites: Audition required	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/Not RAI approved Fees: Costume Fees + additional items as needed

The JHS Vocal Music Program offers three show choirs to students interested in singing, dancing, and performing. Show Choirs compete in various show choir competitions in January, February and March and present multiple other Community performances throughout the year. Students are placed into one of the Show Choir ensembles through a singing and choreography audition process that takes place in the spring of the preceding school year. JHS Show Choirs include Innovation (Varsity), Synergy (Prep), Bella Voce (Treble Clef), and Sound Advice (9th Grade). Innovation and Synergy rehearse during the school day, on Monday evenings and additional rehearsals as necessary. Innovation and Synergy are Co-curricular ensembles and receive half a credit per semester. Bella Voce and Sound Advice rehearse outside of the school day. No credit is given for Bella Voce Show Choir or Sound Advice.

High School Vocal Music

Credit: 1.0 (Everyday) 0.5 (Alternate Days)	Length of Class: Yearlong
Prerequisites: Audition required – except for Mixed Choir	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/Not RAI approved Fees: \$30 course fee covers cleaning of concert attire (dresses and tuxedos)

The JHS Vocal Music Program offers the serious musician the challenge of performing a varied selection of repertoire from differing styles and time periods. Vocal technique and sight reading skills are emphasized in class along with becoming a well-rounded and life-long musician. The JHS Vocal Music Program offers five Curricular Choirs – four of which are auditioned ensembles and one that is not. Auditioned ensembles include Cantus, Cantemus, Fella Voce Bass Clef Choir & Cantate Treble Clef Choir. Auditioned ensembles perform at three concerts each year along with the Madrigal performance each fall. Auditioned ensembles may also perform at the State Large Group Contest in May. Students are placed into one of the auditioned ensembles through an audition process that takes place in the spring of the preceding school year. Mixed Choir is the non-auditioned ensemble and performs twice during the school year.

Music Theory

Credit: 0.5	Length of Class: One semester
Prerequisites: None* (<i>see below</i>)	Type of Course: Elective
Offered to grades: 11-12th	Other: Not NCAA eligible/does not count towards RAI score

Music theory is an elective course designed with the college bound musician in mind. Counterpoint, dictation, music history and composition will be explored in detail. This course is a must for any prospective music majors and/or minor.

**Students should be able to comfortably read music notation on a staff before enrolling for the course.*

2024-2025

PE & HEALTH

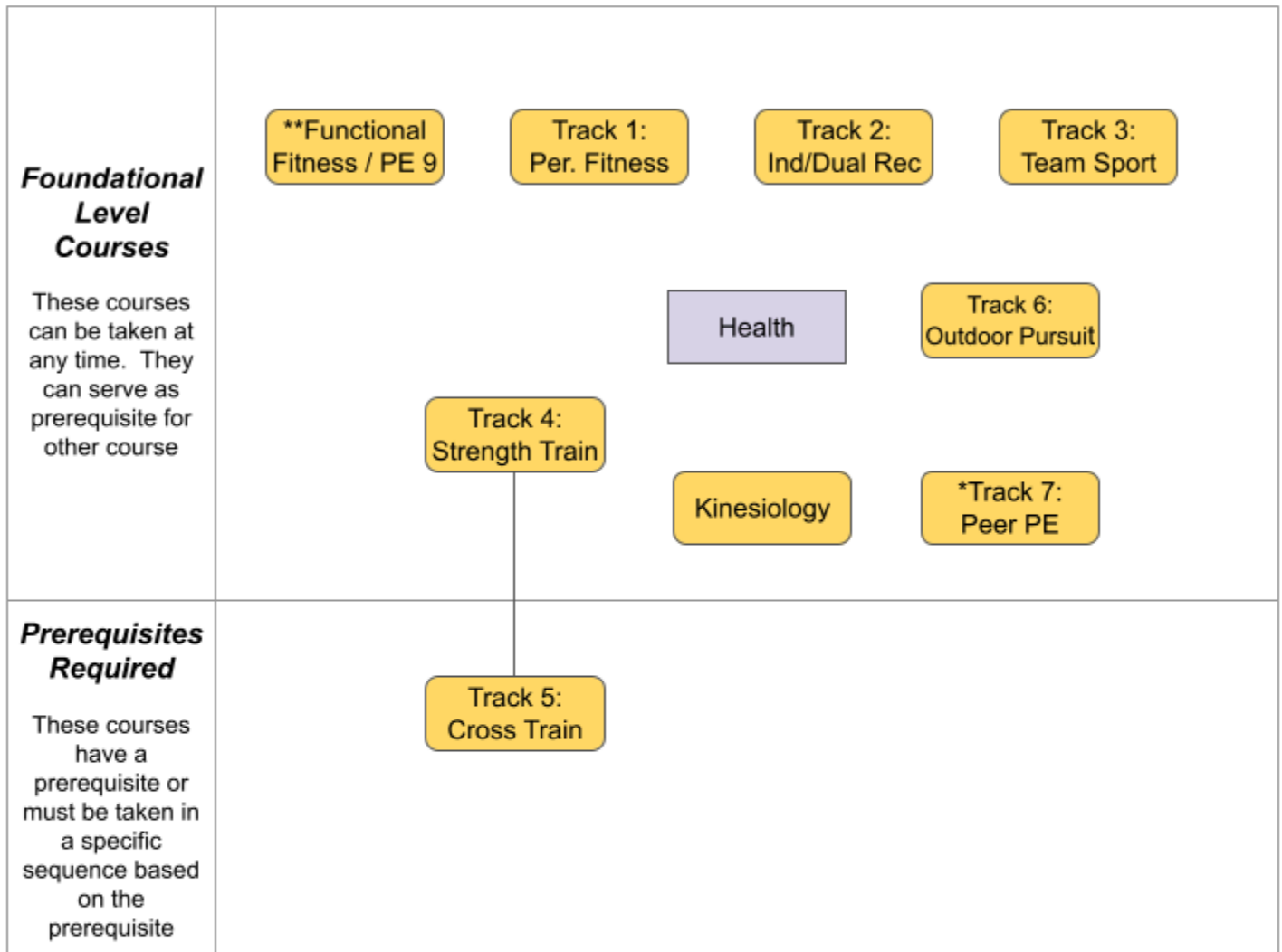


PE & HEALTH

Course Title	Offered to students in:				Class Length:		Total Credit	NCAA Approved	Included in RAI	Pre-Requisite?
	Grade 9	Grade 10	Grade 11	Grade 12	One Sem.	Year Long				
9th Grade Functional Fitness PE	x				x		0.5	No	No	No
Health		x	x	x	x		0.5	No	No	No
Track 1		x	x	x	x		0.5	No	No	No
Track 2		x	x	x	x		0.5	No	No	No
Track 3		x	x	x	x		0.5	No	No	No
Track 4		x	x	x	x		0.5	No	No	No
Track 5		x	x	x	x		0.5	No	No	Yes
Track 6			x	x	x		0.5	No	No	No
Track 7 (Peer PE)	x	x	x	x	x		0.5	No	No	No
Kinesiology			x	x	x		0.5	No	No	No

Note: A P.E. Course that meets on an A Day or B Day will receive .25 credit per semester. A P.E. Course that meets everyday will receive .5 credit per semester.

PE and Health
Course Selection Flowchart
Graduation Requirement: Health & 2.0 PE Credits



JCSD Course Selection Handbook Flow Chart Key

	Required course (square)		Connects to required prerequisite.
	Elective course (round)		Connects to prerequisite. Can take either course to meet requirement.

****** Only available at JMS (9th grade) ***** Available at JHS and JMS (9th grade)

9th Grade Functional Fitness PE

Credit: 0.5	Length of Class: Yearlong - meets alternate days
Prerequisites: None	Type of Course: Required for Graduation
Offered to grades: 9th	Other: Not NCAA eligible/does not count towards RAI score

Units in the freshman curriculum will stress lifetime fitness with emphasis on muscular strength/endurance, cardiovascular endurance, speed, agility, and functional fitness. Activities will incorporate teamwork and sportsmanship.

Health

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Required for Graduation
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

The Health Triangle is made up of our family/social, mental/emotional and physical health. This is the basis of developing a balanced healthy life. This course will discuss the critical issues to allow students to gain valuable knowledge needed to make informed health decisions. The course will cover the areas of personal health, nutrition & physical fitness, safety, social health, family life, substance abuse, communicable and noncommunicable disease, emotional health, sexually transmitted infections, HIV/AIDS, and human sexuality. CPR (Cardiopulmonary Resuscitation) has been mandated by the state and is included in the curriculum.

Track 1: Individual/Personal Fitness

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: PE Credit
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

This track will provide you an opportunity to learn a variety of noncompetitive exercise methods and activities that will help maintain and/or improve your fitness level. Course emphasis is on regular, safe exercise in an individual or small group setting, to promote healthy lifestyles. Activities may include: Yoga, Fitness Center, Just Dance Wii, Kickboxing, Self-Defense, Pilates, Creating your own workouts.

Track 2: Individual/Dual Recreation Activities

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: PE Credit
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

This track will provide you an opportunity to learn a variety of movement, fitness and sport activities. Emphasis will be placed on learning and enhancing technique and skills in selected activities in individual or small group settings. Activities may include: tennis, archery, table tennis, badminton, pickleball, kickboxing, golf.

Track 3: Team Games/Activities & Sports	
Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: PE Credit
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

This track will provide you an opportunity to learn a variety of movement, fitness and sport activities. Emphasis will be placed on learning and enhancing technique and skills in selected activities in a group or team setting. Activities may include: flag football, volleyball, basketball, ultimate Frisbee, floor hockey.

Track 4: Training for Fitness	
Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: PE Credit
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

This track will provide you an opportunity to learn and develop basic skills in resistance training and weight training to improve muscular fitness and overall health. Emphasis will be placed on proper weight lifting skill and technique, as well as, information on the basic principles of improving muscular strength, endurance, cardiovascular health and physical fitness.

Track 5: Training for Performance	
Credit: 0.5	Length of Class: One semester
Prerequisites: One semester of Track 4: Training for Fitness and/or teacher recommendation/approval	Type of Course: PE Credit
Offered to grades: 10-12th	Other: Not NCAA eligible/does not count towards RAI score

This track will provide you an opportunity to learn how to improve your level of physical performance and fitness through strength, speed and plyometric training. Activities focus on several methods of achieving, improving and maintaining muscular strength, muscular power and speed. Emphasis will be on free weight training, speed, agility, plyometric and cardiovascular training.

Track 6: Outdoor Pursuits

Credit: 0.5	Length of Class: One semester blocked class (meets alternate days for 2 periods)
Prerequisites: None	Type of Course: PE Credit
Offered to grades: 11-12th	Other: Not NCAA eligible/does not count towards RAI score

This track will provide you the opportunity to learn a variety of skills and activities in an outdoor setting. Emphasis will be placed on learning skills and techniques to responsibly and safely interact while in the outdoors. Activities may include: hiking, orienteering, disc golf, fishing, outdoors cooking, cross country skiing.

Track 7: Peer PE

Credit: 0.25	Length of Class: One semester (meets alternate days)
Prerequisites: None	Type of Course: PE Credit
Offered to grades: 10-12th pending teacher approval	Other: Not NCAA eligible/does not count towards RAI score

As a peer coach you will be assisting special needs students in a physical education class. Emphasis in this course will be placed on assisting and aiding the special needs students during modified physical activities and games.

Kinesiology of Strength & Conditioning Training

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: PE Credit
Offered to grades: 11-12th	Other: Not NCAA eligible/does not count towards RAI score

This course will examine the scientific nature of strength/conditioning and sports from a physiological, neurological, biomechanical, and bioenergetic perspective. The course also addresses the science behind various forms of training and exercise program development.

2024-2025

SCIENCE



SCIENCE

Course Title	Offered to students in:				Class Lengths:		Total Credit	NCAA Approved	Included in RAI	Pre-Requisite?
	Grade 9	Grade 10	Grade 11	Grade 12	One Sem.	Year Long				
Anatomy & Physiology			x	x		x	1.0	Yes	Yes	Yes
AP Biology (DMACC Dual Credit)		x	x	x		x	1.0	Yes	Yes	Yes
AP Chemistry		x	x	x		x	1.0	Yes	Yes	Yes
AP Environmental Science		x	x	x		x	1.0	Yes	Yes	Yes
AP Physics: C Mechanics		x	x	x		x	1.0	Yes	Yes	Yes
Astronomy	x				x		0.5	No	Yes	No
Biology		x	x	x		x	1.0	Yes	Yes	Yes
Biology in the Environment		x	x	x		x	1.0	Yes	Yes	Yes
Biotechnology		x	x	x	x		0.5	Yes	Yes	Yes
Botany		x	x	x	x		0.5	Yes	Yes	Yes
Chemistry	x	x	x	x		x	1.0	Yes	Yes	Yes
Chemistry in the Community		x	x	x	x		0.5	Yes	Yes	Yes
Environmental Science		x	x	x	x		0.5	Yes	Yes	Yes
Forensic Science		x	x	x	x		0.5	Yes	Yes	No
Physical Science	x				x		0.5	Yes	Yes	No
Physics		x	x	x		x	1.0	Yes	Yes	Yes
Zoology		x	x	x	x		0.5	Yes	Yes	Yes

Sample Science Pathways

Students must have three credits of science to meet the graduation requirement. These credits must include content in the following themes:

- Physical Science and Earth Science
- Chemistry
- Biology
- Environmental Science (stand alone or integrated in Biology in the Environment)

The following pathways demonstrate possible sequences of science classes students may take to meet these requirements.

Students are able to double up science courses in the same school year to accelerate their learning or take science elective credits at the same time as their required courses.

Pathway 1	Pathway 2	Pathway 3
<p>For students taking Physical Science as a 9th grader.</p> <p>This pathway meets the graduation requirement for science. Some college majors may require a full year of chemistry offered in Pathway 2 or 3.</p>	<p>For students taking Physical Science as a 9th grader.</p> <p>Prepares students for future AP science courses.</p> <p>Recommended for students who are planning on attending a 4-year university.</p>	<p>For students taking the accelerated science pathway beginning in 8th grade.</p> <p>Prepares students for future AP science courses.</p> <p>Recommended for students who are interested in STEM careers.</p>
<p>8th grade: Integrated Science</p> <p>9th grade: Physical Science</p> <p>10th grade: Chemistry in the Community AND Environmental Science</p> <p>11th grade: Biology</p> <p>12th grade (optional): Physics and Electives</p>	<p>8th grade: Integrated Science</p> <p>9th grade: Physical Science</p> <p>10th grade: Chemistry OR Biology in the Environment</p> <p>This choice depends on student interest and math readiness (Algebra 1 is required for Chemistry)</p> <p>11th grade: Chemistry OR Biology in the Environment</p> <p>12th grade (recommended): Physics AP Courses and Electives</p>	<p>8th grade: Physical Science</p> <p>9th grade: Chemistry</p> <p>10th grade: Biology in the Environment</p> <p>11th grade (recommended): Physics or AP Physics</p> <p>12th grade (recommended): AP Courses and Electives</p>

Anatomy and Physiology

Credit: 1.0	Length of Class: Yearlong
Prerequisites: Biology	Type of Course: Science Credit - does not fulfill a required theme
Offered to grades: 11-12th	Other: NCAA eligible/RAI approved

Anatomy and Physiology is a rigorous lecture-laboratory class studying the mammalian body with emphasis on structure and function, diseases and metabolic processes. Laboratory work is required for this course and includes, but is not limited to, discussions. This course is recommended for students interested in careers in health-related fields or for students wanting a higher level of knowledge of the human body. This class may not replace Chemistry or Physics in the eyes of college admission reviews.

AP Biology

Credit: 1.0	Length of Class: Yearlong
Prerequisites: Biology in the Environment or conference with instructor	Type of Course: Science Credit - Fulfills Biological Science Theme
Offered to grades: 11-12th	Other: 4 DMACC Credits: BIO 112 (Spring); NCAA eligible/RAI approved

The two main goals of AP Biology are to help students develop a conceptual framework for modern biology to help students gain an appreciation of science as a process. The ongoing information explosion in biology makes these goals even more challenging. Primary emphasis in an Advanced Placement Biology course should be developing an understanding of concepts rather than memorizing terms and technical details. Essential to this conceptual understanding are the following: recognition of unifying themes that integrate the major topics of biology, application of biological knowledge in inquiry-based labs, and think critically about environmental and social concerns. In addition, students will use statistical methods to analyze data collected in experiments.

AP Chemistry

Credit: 1.0	Length of Class: Yearlong
Prerequisites: Algebra 2, Trigonometry and Chemistry are recommended	Type of Course: Science Credit - Fulfills Chemistry Theme
Offered to grades: 11-12th	Other: NCAA eligible/RAI approved Calculator Recommended - TI30XIIS or graphing calculator

Students will work diligently inside and outside of class to develop critical thinking, problem solving, data analysis and communication skills. Emphasis will be placed on understanding scientific models that will help students understand basic and advanced Chemistry concepts and their applications in everyday life. Units of study include: atomic molecular theory, structure of matter, chemical reactions, reaction kinetics, kinetic theory of gases, acids and base chemistry, chemical equilibrium, thermodynamics and electrochemistry. This course will cover many similar concepts covered in a college-level first semester course. This course will cover many similar concepts as general Chemistry, but operate at an accelerated pace and go into greater detail both mathematically and conceptually, in addition to several topics that are not covered in general Chemistry.

AP Environmental Science

Credit: 1.0	Length of Class: Yearlong
Prerequisites: Chemistry and Biology are recommended	Type of Course: Science Credit - Fulfills Environmental Science Theme
Offered to grades: 11-12th	Other: 4 DMACC Credits- ENV 115 (Spring), ENV 116 (Spring) NCAA eligible/RAI approved

AP Environmental Science is a course that provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Students will identify and analyze environmental problems both natural and human-made, and to examine solutions for resolving or preventing them. Course content builds on concepts learned in biology and chemistry so experience in these courses is highly recommended. Course content includes ecosystems, populations, water quality, waste, climate change, agriculture and conservation. Students will be driving to off-site lab locations.

AP Physics: C Mechanics

Credit: 1.0	Length of Class: Yearlong
Prerequisites: Enrollment in or completed Calculus AB	Type of Course: Science Credit - Does not fulfill a Theme
Offered to grades: 11-12th	Other: NCAA eligible/RAI approved

Students will work diligently inside and outside of class to develop critical thinking, problem solving, data analysis, and communication skills. Emphasis will be placed on creating models that will help the students understand basic and advanced concepts of physics and applications in everyday life. Units of study include: kinematics; Newton's laws of motion (including circular motion); work, energy and power; systems of particles and linear momentum; rotation; and oscillations and gravitation. This course is designed to address the concepts covered in a college-level first semester calculus-based mechanics physics course. This course will cover many similar concepts as general Physics, but operate at an accelerated pace and go into greater detail both mathematically and conceptually, in addition to several topics that are not covered in general Physics.

Astronomy

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective - does not fulfill a Theme
Offered to grades: 9th	Other: Does NOT fulfill required credit for Science. Not NCAA eligible/RAI approved

In this course, you will learn about the universe you live in, the objects we find there and some of the natural laws that govern those objects. Students will create computer simulations, activities, and projects. Students who are interested in science will enjoy taking this class. This class will provide experience in project based learning, presenting information.

Biology	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: Physical Science and Earth & Space Science	Type of Course: Science Credit - Fulfills Biological Science Theme
Offered to grades: 10-12th	Other: Recommended for College Admission NCAA eligible/RAI approved

The biological science curriculum stresses the development of critical reasoning. Central ideas in life science are presented in unifying themes that help students understand the larger significance of details they are learning. Other selected themes point out ways of approaching science, important biological principles and technological changes in biology.

Biology in the Environment (BITE)	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: Physical Science, Earth & Space Science, Teacher recommendation	Type of Course: Science Credit - Fulfills Biological Science & Environmental Science Themes
Offered to grades: 10-12th	Other: NCAA eligible/RAI approved

This course will focus on topics in biology and environmental science. The biology focus will include ecology, protein synthesis, genetic material involved with inheritance and variation of traits, and evolution. In addition, the themes of biodiversity and changes in Earth's systems will be integrated by investigating the current state of the environment, human impacts, and solutions to decrease human impact on biodiversity and Earth systems. Students will be expected to construct explanations, develop models, apply concepts of math and statistics to arguments and investigations, and develop and evaluate solutions.

Biotechnology	
Credit: 0.5	Length of Class: One semester
Prerequisites: Biology or Biology in the Environment	Type of Course: Science Credit - does not fulfill a Theme
Offered to grades: 10-12th	Other: NCAA eligible/RAI approved

Biotechnology is defined as the use of living organisms to solve problems or make useful products. In this course, students will learn scientific principles of genetic engineering to conduct experiments, evaluate case studies and conduct debates. Example themes that will be explored in Biotechnology will include: research lab skills, DNA fingerprinting, DNA transformation, PCR, bioethics, bioinformatics and applications in agriculture. The students will gain valuable lab and research skills while exploring career options in the field of biotechnology.

Botany	
Credit: 0.5	Length of Class: One semester
Prerequisites: Enrolled in or completed Biology	Type of Course: Science Credit - does not fulfill a Theme
Offered to grades: 10-12th	Other: NCAA eligible/RAI approved

Botany is an in-depth look at plant systems. Students will survey the diversity of plant life, learn about plant structures and life cycles, and discover the impact of plants on society. The course will also do work in the greenhouse and school garden. Students interested in the field of science or who have a desire to go into the DNR, landscaping, lawn care management, agriculture, or horticulture are encouraged to take this course.

Chemistry	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: Physical Science; Algebra I recommended	Type of Course: Science Credit - Fulfills Chemistry Theme
Offered to grades: 9-12th	Other: Recommended for College Admission; NCAA eligible/RAI approved Calculator Recommended - TI30XIIS or graphing calculator

Chemistry offers students a general background in the basic concepts of chemistry. Emphasis will be placed on creating models that will facilitate student learning of the basic concepts of chemistry. Laboratory experiences will promote the development of problem solving, critical thinking, and collaboration skills as well as demonstrate the applications of chemistry in everyday life. Topics covered will include: matter, energy, and state of matter, atomic models, periodic table, and bonding, the mole concept, chemical reactions, stoichiometry, heat and temperature, intermolecular attractions and biological macromolecules, equilibrium reactions, and acid/base chemistry.

Chemistry in the Community	
Credit: 0.5	Length of Class: One semester
Prerequisites: Physical Science	Type of Course: Science Credit - Fulfills Chemistry Theme
Offered to grades: 10-12th	Other: NCAA eligible/RAI approved

Chemistry in the Community is a one-semester, lab-based course designed for students who at the moment do not plan to major in science and/or pursue a science-intensive related career. This course offers the student basic concepts of chemistry and emphasis will be placed on creating models that will facilitate student learning. Laboratory experiences will promote the development of problem solving, critical thinking, and collaboration skills as well as demonstrate the applications of chemistry in everyday life. Topics covered will include matter, energy, states of matter, mixtures, compounds, atomic models, periodic table, bonding, the mole concept, chemical reactions, heat, temperature, and equilibrium reactions. Students are encouraged to check preferred colleges to see if this course satisfies their admission requirements.

Environmental Science

Credit: 0.5	Length of Class: One semester
Prerequisites: Physical Science	Type of Course: Science Credit - Fulfills Earth Science Theme
Offered to grades: 10-12th	Other: NCAA eligible/RAI approved

Environmental Science is a rapidly emerging area of science concerning the ability of the Earth to sustain life. Course content focuses on the current state of the environment, human impacts to ecosystems, and solutions to decrease human impact on biodiversity and Earth systems. Students will be expected to construct explanations, develop models, and apply concepts of math and statistics to arguments and investigations.

Forensic Science

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Science Credit - does not fulfill Theme
Offered to grades: 10-12th	Other: NCAA eligible/ RAI approved

Forensic Science is a semester-long course that focuses on the collection, identification, and analysis of crime scene evidence. Laboratory exercises and activities will examine the diverse methods used by forensic scientists to link suspects and evidence to a given crime scene. The course will require students to apply their learning across many areas of science with an emphasis in developing skills in scientific reasoning, problem solving, critical thinking, communication, and collaboration.

Physical Science

Credit: 1.0	Length of Class: Yearlong
Prerequisites: None	Type of Course: Science Credit - Fulfills Physical Science Theme
Offered to grades: 9th	Other: NCAA eligible/RAI approved

The Physical Science course consists of three basic science units: Forces, Energy, and Waves. While integrating Earth Science concepts such as how water interacts with Earth's surfaces, how heat transfers affect Earth's plates. As well as the formation of solar systems, stars and the big bang theory. The course will include opportunities for students to develop lab, data analysis, and engineering skills. Students will engage in active inquiries, investigations, and hands-on activities as they develop and demonstrate conceptual understandings.

Physics	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: Successful completion of Geometry	Type of Course: Science Credit - Does not fulfill a Theme
Offered to grades: 10-12th	Other: Recommended for College Admission NCAA eligible/RAI approved

Physics offers the student a general background in the basic concepts of physics. The course is designed to develop student's critical thinking skills. Emphasis will be placed on creating models that will help the student understand the basic concepts of physics and its applications in everyday life. The laboratory experiences will enable the student to develop critical thinking, reasoning, and problem-solving skills. Topics studied will include: motion, forces and energy and momentum.

Zoology	
Credit: 0.5	Length of Class: One semester
Prerequisites: Enrolled in or completed Biology or Biology in the Environment	Type of Course: Science Credit - Does not fulfill Theme
Offered to grades: 10-12th	Other: NCAA eligible/RAI approved

Zoology is an in-depth look at the major animal groups on our planet. The class will survey the diversity of animal life and learn about the structure of animal systems as well as the life cycles of these organisms. Students will have a chance to interact with and observe many of the animals being studied. This course is recommended for any student interested in the field of science or who are interested in animals. Those who have a desire to go into veterinary medicine, zoo keeping, animal caretaking or DNR are strongly encouraged to take this course.

2024-2025

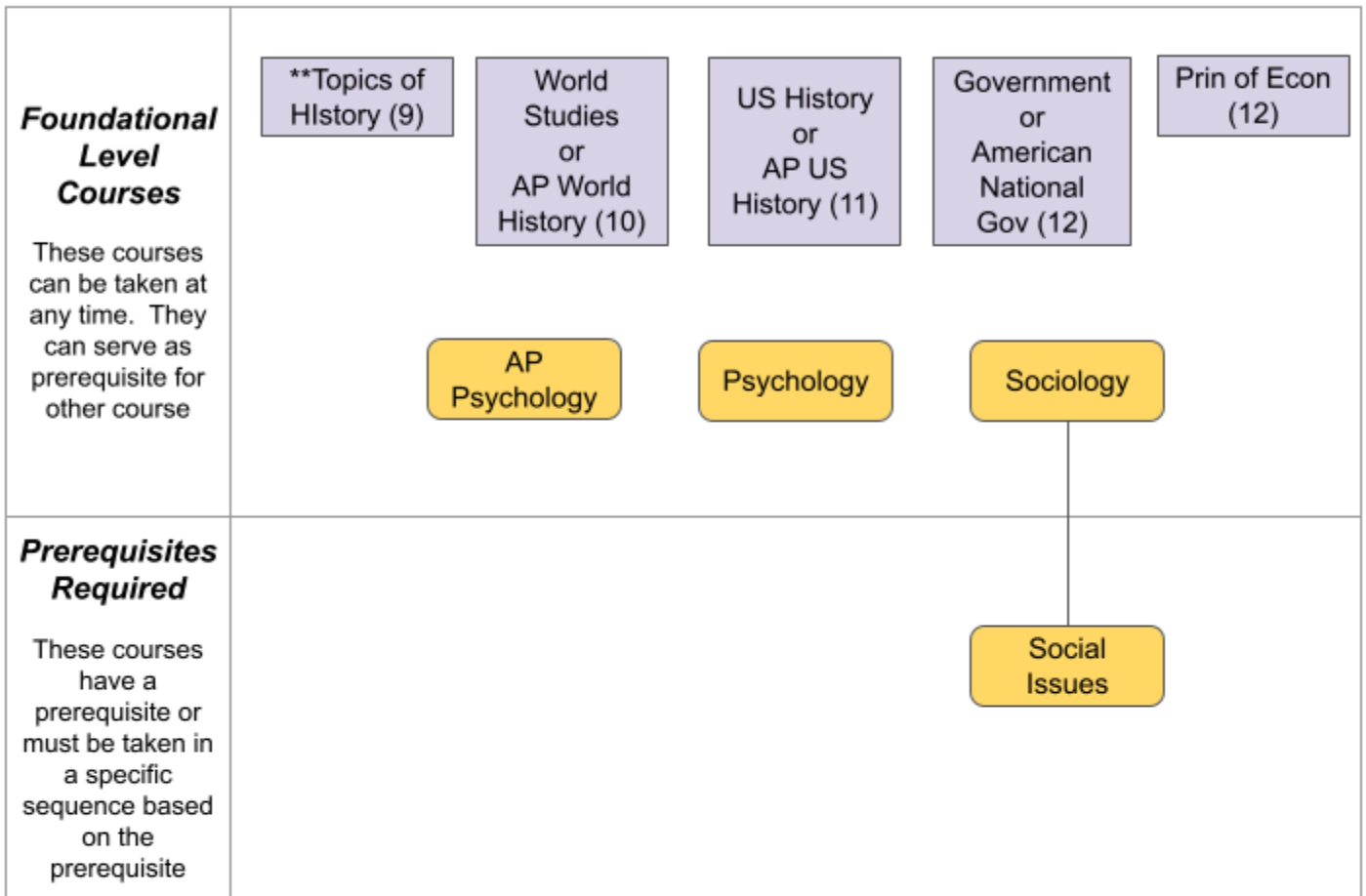
SOCIAL STUDIES



SOCIAL STUDIES

Course Title	Offered to students in:				Class Lengths:		Total Credit	NCAA Approved	Included in RAI	Pre-Requisite?
	Grade 9	Grade 10	Grade 11	Grade 12	One Sem.	Year Long				
American Government				x	x		0.5	Yes	Yes	No
American National Government (DMACC dual credit)				x	x		0.5			No
AP Psychology (DMACC dual credit)			x	x		x	1.0	Yes	Yes	No
AP U.S. History (DMACC dual credit)			x	x		x	1.0	Yes	Yes	No
AP World History (DMACC dual credit)		x	x	x		x	1.0	Yes	Yes	No
Principles of Economics				x	x		0.5	Yes	Yes	No
Psychology		x	x	x	x		0.5	Yes	Yes	No
Social Issues		x	x	x	x		0.5	Yes	Yes	Yes
Sociology		x	x	x	x		0.5	Yes	Yes	No
Topics of History	x				x		0.5	Yes	Yes	No
U.S. History			x			x	1.0	Yes	Yes	No
World Studies		x				x	1.0	Yes	Yes	No

Social Studies
Course Selection Flowchart
Graduation Requirement: 3.5 Credits



JCSD Course Selection Handbook Flow Chart Key



Required course (square)



Elective course (round)



Connects to required prerequisite.



Connects to prerequisite. Can take either course to meet requirement.

** Only available at JMS (9th grade)

(#)

Year it is most commonly taken

Recommended Social Studies Course Progression

Graduation Requirement: 3.5 Social Studies Credits

	9th Grade	10th Grade	11th Grade	12th Grade
Required Courses	Topics of History	World Studies OR AP World History	U.S. History OR AP U.S. History	One Semester: American Government or American National Government AND One Semester: Principles of Economics
Elective Courses		Social Issues Sociology	Social Issues Sociology Psychology AP Psychology	Social Issues Sociology Psychology AP Psychology

American Government

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Social Studies Credit
Offered to grades: 12th	Other: NCAA eligible/ RAI approved

American Government is a one semester course that meets the requirements for graduation. The course emphasizes the fundamental characteristics of our democratic system of government on the national, state, and local levels. Emphasis will be placed on our founding documents - the Declaration of Independence, the Constitution and the Bill of Rights. Citizenship and civic participation are key components of the course. The successful student will complete assigned readings and activities in order to engage in class discussions.

American National Government

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Social Studies Credit
Offered to grades: 12th	Other: 3 DMACC Credits: POL111

Dual Credit American Government is a JHS course offering that meets the competencies for POL 111 - American National Government at DMACC. Students successfully completing the course will earn 3 college credits in addition to meeting the JHS American Government graduation requirement. The final course grade will be factored as a weighted GPA. This semester long course will cover the origins and structures of our system of government as well as topics of citizenship and political participation. Emphasis will be placed on our founding documents - the Declaration of Independence, the Constitution and the Bill of Rights. The successful student should expect to complete outside of class work in preparation for engaging in class discussions and activities.

AP Psychology	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: None	Type of Course: Elective
Offered to grades: 11-12th	Other: 3 DMACC Credits: PSY 111 (Spring) NCAA eligible/ RAI approved

The purpose of this course is for students to develop a working knowledge of the terms and concepts commonly taught in an introductory college course. The course is taught as if every student is taking the AP exam in May. Tests are multiple choice and free response, like those on the AP exam. Students also do semester projects, unit assignments and presentations. This is a dual enrollment course and DMACC credit can be earned upon successful completion of both semesters of this course.

Students should be able and willing to spend 15-30 minutes reading from a college-level textbook each school night in preparation for class if they expect to be successful in this course.

AP U.S. History	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: None	Type of Course: Social Studies Credit
Offered to grades: 11-12th	Other: 6 DMACC Credits: HIS 151 (Fall), HIS 152 (Spring); NCAA eligible/ RAI approved

Advanced Placement U.S. History is a course designed to fulfill the requirements of the introductory college course in our country's history. Among the topics set for extensive examination are American colonial history, civil war, industrial development, World War I, the Depression, World War II, the Cold War, and an extensive look at contemporary America. This course is intended for advanced high school history students who are willing to devote the time and energy necessary to complete a course more rigorous and demanding than the required U.S. History course. This course will prepare students to take the Advanced Placement Examination in U.S. History, should they so elect.

This is a dual enrollment course and DMACC credit can be earned upon successful completion of both semesters of this course. Students can still take the AP exam for credit, but should check with their proposed colleges/universities to determine whether or not the DMACC credit would be accepted.

AP World History	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: None	Type of Course: Social Studies Credit; unless take it in addition to World Studies - THEN it is Elective.
Offered to grades: 10- 12th	Other: 6 DMACC Credits- HIS 110 (Fall), HIS 111 (Spring) NCAA eligible/ RAI approved

Advanced Placement World History is a course designed to fulfill the requirements of two introductory college courses in World History. The AP World History curriculum covers all areas of the world from approximately 1200 CE to the present. The DMACC Dual Credit component includes an emphasis on history before 1200. Students describe and analyze individual societies, juxtapose societies for comparison, examine change over time within one society, and analyze documents to create historical arguments. Instruction and practice will prepare students for the essay styles required on the AP exam. Students must be willing to devote the necessary time and energy to be successful. This course will prepare students to take the AP examination in World History.

Principles of Economics	
Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Social Studies Credit
Offered to grades: 12th	Other: NCAA eligible/ RAI approved

Course focuses on macroeconomics, the study of economic principles at the national and international level. In addition to working with the abstract concepts of supply, demand, trade balances and national interests, students will be involved in analysis of current events in political and business worlds.

Psychology	
Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 11-12th	Other: NCAA eligible/ RAI approved

Units covered include research methods, developmental psychology, learning and motivation, abnormal psychology, social psychology, and working on the mind and body. Class time focuses on discussion and application with reading, research and writing being done outside of class.

Social Issues	
Credit: 0.5	Length of Class: One semester
Prerequisites: Sociology	Type of Course: Elective
Offered to grades: 10-12th	Other: NCAA eligible/ RAI approved

This course focuses on social issues in American society. To understand social issues, the course will look at the social, political and economic conditions that perpetuate these issues. Such issues studied will be racial and ethnic tensions, poverty, crime, juvenile delinquency, gangs, substance abuse and other social ills. Many theories will be offered to explain the malfunction of a society along with student offered solutions to these issues.

Sociology	
Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12th	Other: NCAA eligible/ RAI approved

This is a course that provides an understanding of the social interaction of people in society. Students will examine how people behave in groups and how group interaction shapes both individual and group behaviors. Students will analyze rules, organizations, and value systems that enable people to live together. The case study approach will be used to delve into such topics as: socialization, culture, roles, norms, stereotypes, and subcultures.

Topics in History	
Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Social Studies Credit
Offered to grades: 9th	Other: NCAA eligible/ RAI approved

Topics in History provide students with a knowledge and understanding of history from Reconstruction through WWI in the US (1865-1920). Students will view this time period from an American perspective as well as a World perspective. Units of study include Reconstruction, Westward Expansion, Industrialization, Immigration, Imperialism, Progressivism, and WWI. Each unit will tie into the following themes: diversity, tolerance, and unity.

U.S. History	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: None	Type of Course: Social Studies Credit
Offered to grades: 11-12th	Other: NCAA eligible/ RAI approved

The major objective of the course is to develop an understanding of our present situation and guidelines for future action through a study of our past. The course is two semesters in length and is required for graduation. 1st semester begins with the WWI to origins of the Cold War. Second semester begins with the Cold War through the 21st Century. Current events are stressed.

World Studies	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: None	Type of Course: Social Studies Credit
Offered to grades: 10th	Other: NCAA eligible/ RAI approved

Modern World Studies explores the impact of historical events focusing on topics such as political revolutions, the Industrial Age, the effects of nationalism and imperialism, the growth of democracies, WWI and WWII, all with a connection to current world events. Other themes include a concern for culture, religion, philosophy, technology, and the lifestyle of each period so students will develop a clearer perspective of the world they live in. Human and physical geography standards will also receive focus for each unit covered over the course of the year, as will Historical Thinking Skills.

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WORLD LANGUAGE

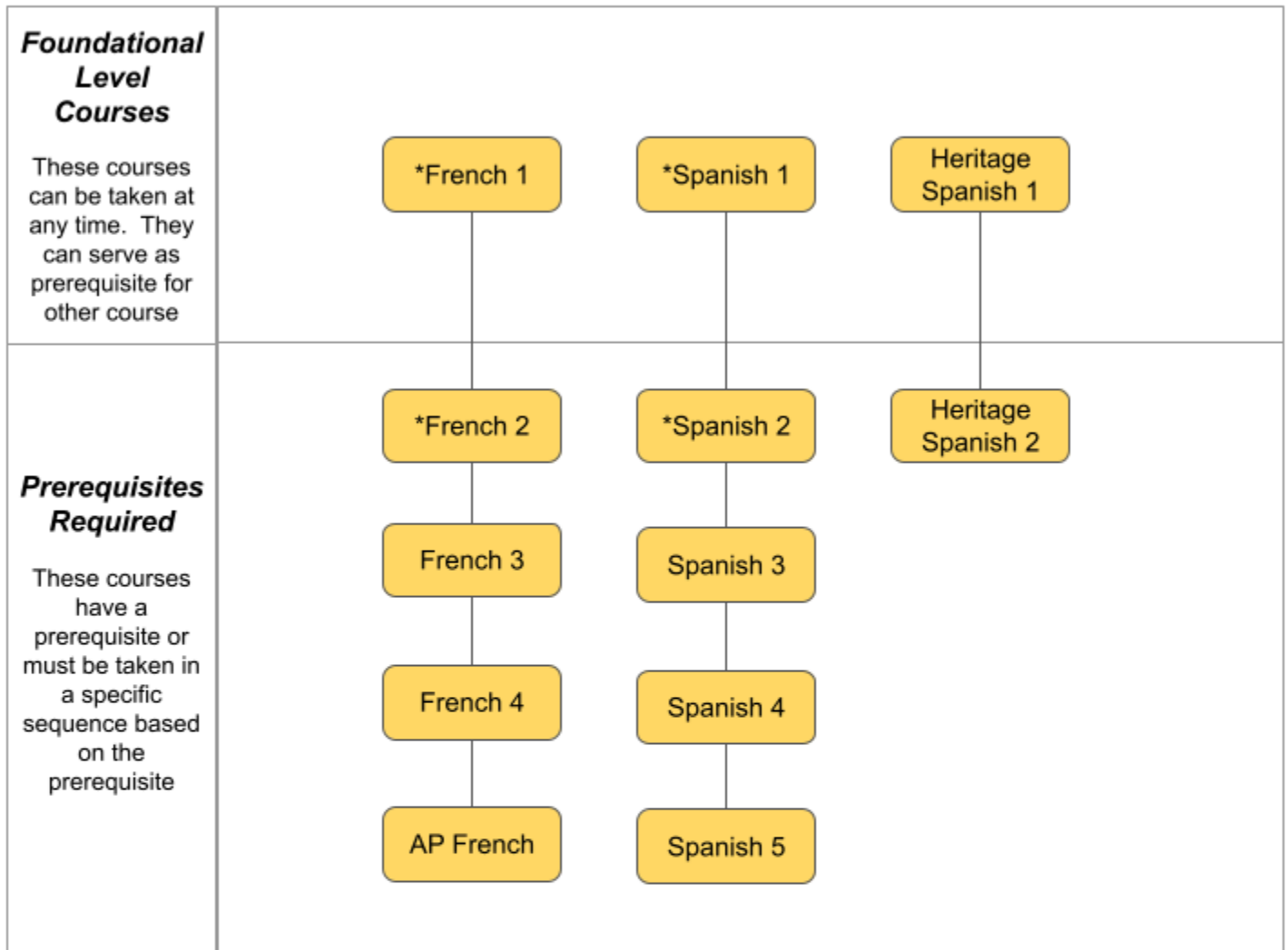


WORLD LANGUAGE

Course Title	Offered to students in:				Class Length is:		Total Credit	NCAA Approved	Included in RAI	Pre-Requisite ?
	Grade 9	Grade 10	Grade 11	Grade 12	One Sem.	Year Long				
AP French			x	x		x	1.0	Yes	Yes	Yes
French 1	x	x	x	x		x	1.0	Yes	Yes	Yes
French 2	x	x	x	x		x	1.0	Yes	Yes	Yes
French 3		x	x	x		x	1.0	Yes	Yes	Yes
French 4			x	x		x	1.0	Yes	Yes	Yes
Heritage Spanish 1		x	x	x		x	1.0	Yes	Yes	Yes
Heritage Spanish 2		x	x	x		x	1.0			Yes
Spanish 1	x	x	x	x		x	1.0	Yes	Yes	Yes
Spanish 2	x	x	x	x		x	1.0	Yes	Yes	Yes
Spanish 3		x	x	x		x	1.0	Yes	Yes	Yes
Spanish 4			x	x		x	1.0	Yes	Yes	Yes
Spanish 5		x	x	x		x	1.0	?	?	Yes

Philosophy Statement: Through language acquisition, students develop a global mindset and cultural awareness which prepare them to continually adapt and communicate in our diverse world.

World Language Course Selection Flowchart



JCSD Course Selection Handbook Flow Chart Key



Required course (square)



Elective course (round)



Connects to required prerequisite.



Connects to prerequisite. Can take either course to meet requirement.

** Only available at JMS (9th grade)

* Available at JHS and JMS (9th grade)

AP French	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: French 4 or evidence of French 4 proficiency	Type of Course: Elective
Offered to grades: 11-12th	Other: NCAA eligible/RAI approved

This college-level course is taught almost exclusively in French and is designed to prepare students for the AP French Language and Culture Exam. Students enrolling in AP French should already have a good command of French grammar and vocabulary. Themes include Families and Communities, Personal and Public Identities, Beauty and Aesthetics, Science and Technology, Contemporary Life, and Global Challenges.

French 1	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: Recommended minimum of C average in English previous year	Type of Course: Elective
Offered to grades: 9-12th	Other: NCAA eligible/RAI approved

A two-semester course designed to develop basic language skills in listening comprehension, speaking, reading and writing. Successful completion of first-year French should enable the student to read and write French within limits and to carry on simple conversations. The student is also introduced to the diversity of the French-speaking world.

French 2	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: French 1 (C- or better recommended)	Type of Course: Elective
Offered to grades: 10-12th	Other: NCAA eligible/RAI approved

A two-semester course designed to maintain and improve the skills of listening, speaking, reading and writing acquired in first-year French. The student's ability to communicate in French is increased this year. The student will continue to learn about various cultural products, practices, and perspectives of French-speaking communities..

French 3	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: French 2 (C- or better recommended)	Type of Course: Elective
Offered to grades: 9-12th	Other: NCAA eligible/RAI approved

A two-semester course with continued emphasis on listening, speaking, reading, and writing skills. French 3 students strengthen their French communication skills while exploring cultural products, practices, and perspectives of the Francophone world.

French 4	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: French 3 (C- or better recommended)	Type of Course: Elective
Offered to grades: 11-12th	Other: NCAA eligible/RAI approved

This course enables students to gain greater proficiency in the French language and an increased understanding of Francophone cultures. While using French almost exclusively, and encouraging students to do the same, class time is devoted to daily guided conversations among teacher and student on a variety of topics. Students are introduced to authentic French texts, music, films, current events, and other media.

Heritage Spanish 1	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: Spanish Heritage Learner	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does count towards RAI score

Spanish Heritage Learners are students who have grown up speaking, or in some way communicating, in Spanish at home but have not received any formal education in the language. These learners may be able to speak Spanish fluently, or semi-fluently, but are unable to read or write proficiently in Spanish. Some learners may also be able to understand Spanish but struggle with fluent speech.

The Heritage Spanish 1 course is open to all Spanish Heritage Learners. It will be a year-long course designed to build upon the language knowledge a student already possesses, while furthering their proficiency of Spanish using a variety of skills. Primary attention will be given to advancing reading and writing skills as well as formal speaking competence. Themes such as Self-Identity, Roles of Hispanics in the U.S., and Global Social Issues frame the student's progression towards formal literacy in Spanish.

Heritage Spanish 2	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: Heritage Spanish 1	Type of Course: Elective
Offered to grades: 10-12th	Other: Not NCAA eligible/does count towards RAI score

This course is the continuation of Heritage Spanish 1 and is intended for students who can communicate in Spanish, but need to further develop reading, writing and speaking skills in a more accelerated environment than a traditional Spanish course. It provides further practice of writing and speaking with respect to language registers. This course further develops the Spanish speaker's skills in intermediate reading and writing through a series of more extensive readings, grammar drills and directed compositions, and continues study of more formal Spanish. The Spanish for Heritage Speakers 2 course is open to all Spanish Heritage Learners. It will be a year-long course designed to build upon the language knowledge a student already possesses and advanced in Spanish for Heritage Speakers 1, while furthering their proficiency of Spanish using a variety of skills. Primary attention will be given to advancing reading and writing skills as well as formal speaking competence. Themes such as bilingualism, family relationships, immigration, cultures and customs of Latin America and educational systems in the United States will be explored.

Spanish 1	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: Recommended Minimum of C average in English previous year	Type of Course: Elective
Offered to grades: 9-12th	Other: NCAA eligible/RAI approved

A two-semester course designed to develop basic language skills in listening comprehension, speaking, reading and writing. Successful completion of first-year Spanish should enable the student to read and write Spanish and to carry on simple conversations in the present tense about one's daily life. The student is also exposed to the culture of Spanish-speaking countries.

Spanish 2	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: Spanish 1 (Recommended C- or better)	Type of Course: Elective
Offered to grades: 9-12th	Other: NCAA eligible/RAI approved

A two-semester course designed to maintain and improve the skills of listening, speaking, reading and writing acquired in first-year Spanish. The student's ability to communicate in Spanish about one's daily life is increased this year to include some forms of the past tense. The student will continue to learn about the cultures of a variety of Spanish speaking countries.

Spanish 3	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: Spanish 2 (recommended C- or better)	Type of Course: Elective
Offered to grades: 10-12th	Other: NCAA eligible/RAI approved

A two-semester course with continued emphasis on listening, speaking, reading and writing skills. Spanish 3 students continue their study of grammar and culture, with special emphasis on speaking and listening abilities.

Spanish 4	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: Spanish 3 (Recommended C- or better)	Type of Course: Elective
Offered to grades: 11-12th	Other: NCAA eligible/RAI approved

This course includes a general review and in-depth enhancement of all Spanish grammar, while expanding the student's vocabulary and knowledge of historical and cultural aspects of Spain and Spanish America. Many student homework activities will be computer based. Extensive speaking, reading, listening and writing by the student will occur in both semesters of Spanish 4.

Second semester continues the above while focusing further on the practical use of Spanish and employs a college textbook and materials, including exercises via the computer. Spanish is the language of this course and will be used by both students and the teacher.

Spanish 5

Credit: 1.0	Length of Class: Yearlong
Prerequisites: Spanish 4	Type of Course: Elective
Offered to grades: 10-12th	Other: 8 DMACC Credits: FLS 241 first semester; FLS 242 second semester NCAA eligible/RAI approved

The course will include the study of advanced Spanish grammar, literature, the improvement of vocabulary and an abundance of opportunities to listen, read, write and speak extensively in Spanish. Skills in listening, speaking, reading and writing are further developed around themes of academic and social issues using authentic resources to expand their knowledge of cultures of the Spanish-speaking peoples of the world. The intermediate level places special emphasis on classroom discussion and on compositions of greater length. The student will work at a collegiate level and must take “dual credit” both semesters for four hours each semester under the auspices of DMACC. The JHS class requirements are the same for the student regardless of taking or not taking the course for “dual credit”. This Course is a “weighted” course at JHS, but not at DMACC. The “dual credit” grade uses a “+” or “-” grade designations, whereas JHS does not. Spanish is the language of this course and will be used by both the students and the teacher.

2024-2025

NON- DEPARTMENTAL



NON-DEPARTMENTAL

Course Title	Offered to students in:				Class Length:		Total Credit	NCAA Approved	Included in RAI	Pre- Requisite?
	Grade 9	Grade 10	Grade 11	Grade 12	One Sem.	Year Long				
9 th Grade Reading Lab	x				x		0.5	No	No	Teacher Recommendation
ELL	x	x	x	x		x	1.0	No	No	No
ELL English	x	x	x	x		x	1.0	No	No	No
ELL Tutorial	x	x	x	x		x	1.0	No	No	No
ELL Physical Science	x				x		0.5	No	No	No
ELL Topics of History	x				x		0.5	No	No	No
ELP	x	x	x	x	x		0.5	No	No	Yes
Reading Lab		x	x	x	x		0.5	No	No	Teacher Recommendation
Teacher Academy			x	x		x	1.0	No	No	No
iJAG			X	X		X	1.0	No	No	Yes
EMT				X	X (block)		1.0	No	No	Yes

9th Grade Reading Lab

Credit: 0.5	Length of Class: One semester
Prerequisites: Teacher recommendation	Type of Course: Elective
Offered to grades: 9th	Other: Not NCAA eligible/Not RAI approved

Reading Lab is considered an extension to the 9th grade language arts class. Students eligible for reading lab have been identified as non-proficient readers and have been recommended as benefiting from the supplemental reading course. Reading lab is a supplemental reading course that focuses on building reading skills through vocabulary development, accuracy instruction, fluency practice, and comprehension skills. Lessons & activities are designed to meet the individual needs of students enrolled in reading lab. Does not qualify for English Credit for graduation.

ELL English

Credit: 1.0	Length of Class: Yearlong
Prerequisites: None	Type of Course: English Credit
Offered to grades: 9-12th	Other: Not NCAA eligible/Not RAI approved

The English Language Learners Program (ELL) provides English Language Learners an opportunity to acquire English proficiency in listening, speaking, reading and writing. The ELL English class promotes a positive learning environment to help students be successful in an American academic setting. Many specific strategies are used to help students acquire English. The course of study includes phonics and phonemic awareness, grammar instruction, reading fluency and comprehension, as well as writing opportunities to develop their English skills. This class is designed for students at the beginning to early intermediate levels of English language acquisition.

ELL Tutorial

Credit: 1.0	Length of Class: Yearlong
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12th	Other: Not NCAA eligible/Not RAI approved

The English Language Learners (ELL) Tutorial class provides students with an opportunity to enhance their English proficiency using specific strategies in the skills of listening, speaking, reading and writing. Students will continue with instruction in grammar, reading, fluency and comprehension and more advanced instruction in writing. Students will be provided opportunities to advance their skills through many whole- class and student-selected activities. This class is intended for students at the Intermediate to Advanced stages of English language acquisition.

ELL Physical Science

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Science Credit
Offered to grades: 9th	Other: Not NCAA eligible/Not RAI approved

The Physical Science course consists of three basic science units: Forces, Energy, and Waves. While integrating Earth Science concepts such as how water interacts with Earth's surfaces, how heat transfers affect Earth's plates. As well as the formation of solar systems, stars and the big bang theory. The course will include opportunities for students to develop lab, data analysis, and engineering skills. Students will engage in active inquiries, investigations, and hands-on activities as they develop and demonstrate conceptual understandings.

ELL Topics of History

Credit: 0.5	Length of Class: One semester
Prerequisites: None	Type of Course: Social Studies Credit
Offered to grades: 9th	Other: Not NCAA eligible/Not RAI approved

Topics in History provide students with a knowledge and understanding of history from Reconstruction through WWI in the US (1865-1920). Students will view this time period from an American perspective as well as a World perspective. Units of study include Reconstruction, Westward Expansion, Industrialization, Immigration, Imperialism, Progressivism, and World War I. Each unit will tie into the following themes: diversity, tolerance, and unity.

Extended Learning Program Class (ELP)

Credit: .25 (every other day) - 0.5 (every day)	Length of Class: One semester (can be taken both)
Prerequisites: Instructor approval	Type of Course: Elective
Offered to grades: 9-12th	Other: Not NCAA eligible/Not RAI approved

ELP class is available to students identified for the extended learning program. ELP class is designed around student-created curriculum, meaning students design their own learning, with teacher approval and support. Topics of the student curriculum are very flexible, but must meet the standards of the Extended Learning Program. Students must exercise self-discipline and have strong executive skills to be able to successfully plan and complete their work. ELP class is an optional elective course for identified students, not a requirement.

EMT- Emergency Medical Technician	
Credit: 1.0	Length of Class: Semester (blocked)
Prerequisites: CPR Certification, Immunization Record, TB Test, at least 17 years old before class starts	Type of Course: Elective
Offered to grades: 12th	Other: 6 DMACC Credits- EMS 214 Not NCAA eligible/Not RAI approved

This course is designed to educate students on how to provide basic emergency medical care and transportation for critical and noncritical patients who access the emergency medical system. EMTs possess the basic knowledge and skills necessary to provide patient care and transportation. These skills include but are not limited to airway management, bleeding control, cervical spine stabilization, vehicle extrication techniques and vital sign assessment. EMT's function as part of a comprehensive EMS response, under medical oversight, and perform interventions with basic level emergency equipment. This course is the required entry-level EMS certification course designed to prepare students for advanced-level EMS courses. This course must be taken for DMACC credit and is taught by DMACC staff at JHS. It is a blocked semester class.

iJAG- Iowa Jobs for America's Graduates	
Credit: 1.0	Length of Class: Year long
Prerequisites: Teacher Recommendation	Type of Course: Elective
Offered to grades: 11 th -12 th	Other: Not NCAA eligible/Not RAI approved

Iowa Jobs for America's Graduates (iJAG) 11-12 is a career exploration and preparation course that provides a hands-on approach to exploring personal strengths and challenges as well as job attainment skills (cover letter, resume, job application, interviewing, etc.) and workplace "survival" skills (interpersonal relations, team work, etc.). Students will work to build strengths in academic areas, time management, and communication.

Individual and team project work will help students come to an understanding of their personality and temperament and the relationship between personal actions and the consequences that follow. Students will make connections to their career interests, abilities, and aptitudes by determining their education and career goals through development of an Individual Career Development Plan.

Reading Lab

Credit: 0.5	Length of Class: One semester
Prerequisites: Teacher Recommendation	Type of Course: Elective
Offered to grades: 10th-12th	Other: Not NCAA eligible/ Not RAI approved

Students eligible for reading lab have been identified as non-proficient readers and have been recommended as benefiting from the supplemental reading course. Reading lab is a supplemental reading course that focuses on building reading skills through vocabulary development, accuracy instruction, fluency practice, and comprehension skills. Lessons & activities are designed to meet the individual needs of students enrolled in reading lab. This course does not qualify for English credit for graduation.

Teacher Academy

Credit: 1.0	Length of Class: Yearlong
Prerequisites: None	Type of Course: Elective
Offered to grades: 11-12th	Other: 3 DMACC Credits EDU210 (Fall) Not NCAA eligible/Not RAI approved

The Teacher Academy provides students with an opportunity to explore education-related professions and take part in real-life teaching experiences. This is a DMACC course offered at JHS. Most of second semester will be spent putting learning into practice in actual classrooms. Due to scheduling constraints please talk to your counselor right away if you are considering this course.

2024-2025

OFF CAMPUS



OFF-CAMPUS

DMACC ONLINE

DMACC offers a number of online courses that allow Johnston High School and Johnston Middle School students to earn college credit. Courses with a “Yes” in the far right column below also meet the criteria to transfer as a core course at all 3 regent universities (Iowa, ISU, UNI). The following course options are subject to change and may not be available during each semester.

Any student wishing to enroll in a DMACC online course should schedule a meeting with their counselor as there are travel and scheduling considerations. Refer to page 13 for more details.

Course	Credits	Prerequisites & Recommendations	Accepted as Regent Core Course Transfer Credit
Agribusiness			
AGB440 Agricultural Niche Marketing	3		
AGC314 Leadership in Agriculture	2		
Business Administration and Communications			
BUS112 Business Math	3	DMACC prereq: minimum ALEKS score of 14% Recommended JCSD Intro to Business and Corequisite JCSD Business Law	
BUS220 Intro to International Business	3	Recommended JCSD Intro to Business and Corequisite JCSD Business Law	
BUS260 Intro to Insurance	3	Recommended JCSD Financial Literacy	
FIN101 Principles of Banking	3	Recommended JCSD Intro to Business and Corequisite JCSD Business Law	
FIN121 Personal Finance	3	Recommended JCSD Financial Literacy	
FIN180 Introduction to Investments	3	Recommended JCSD Financial Literacy	
BUS185 Business Law I	3	Recommended JCSD Intro to Business and Corequisite JCSD Business Law	
BUS186 Business Law II	3	Recommended DMACC BUS185 and Corequisite JCSD Entrepreneurship	
BUS148 Small Business Management	3	Recommended JCSD Intro to Business and Corequisite JCSD Business Law	
COM146 Gender, Sexuality, and Media	3	Recommended JCSD Intro to Sociology or JCSD Genders	
Communications			
SPC101 Fundamentals of Oral Comm	3		Yes
Education/ Early Childhood Education			
ECE103 Intro to Early Childhood Ed	3	Recommended JCSD Child Development & Guidance	
ECE133 Child Health, Safety, & Nutrition	3	Recommended JCSD Child Development & Guidance	
ECE158 Early Childhood Curriculum I	3	Recommended JCSD Child Development & Guidance	
ECE215 Home, School, & Comm Relations	3	Recommended JCSD Child Development & Guidance	
ECE221 Infant/Toddler Care and Education	3	Recommended JCSD Child Development & Guidance	
EDU245 Exceptional Learner	3	Recommended JCSD Child Development & Guidance	
EDU255 Technology in the Classroom	3	Recommended JCSD Child Development & Guidance	
LIT105 Children's Literature	3	Recommended JCSD Child Development & Guidance	
Humanities and Electives			
ART101 Art Appreciation	3		Yes

ART204 Art History II	3		
DRA101 Intro to Theater	3	Attendance of theatrical performance may be required. Recommended JCSD Acting	Yes
DRA105 Budgeting for Artists	1		
Hum116 Encounters in Humanities	3		
HUM120 Intro to Film	3		
HUM121 America in the Movies	3		
LIT166 Science Fiction	3		
LIT185 Contemporary Literature	3	Recommended JCSD AP Literature and Composition	
LIT 188 Detective Fiction	3		
LIT190 Women's Writers	3		
LIT193 Humor in Literature	3		
MUS100 Music Appreciation	3		
MUS202 World Music	3		
PHI101 Intro to Philosophy	3		
PHI105 Intro to Ethics	3		Yes
PHI111 Basic Reasoning	3		
REL101 Survey of World Religions	3		Yes
PEH110 Personal Wellness	2	Recommended JCSD Kinesiology	
PEH125 Prin Personal Training II	3	Recommended JCSD Kinesiology	
PEH190 Sports Nutrition	2	Recommended JCSD Kinesiology	
PEH255 Principles - Sports Management	3	Recommended JCSD Kinesiology	
ENG221 Creative Writing	3	Recommended JCSD Creative Writing & Literature	
JOU110 Intro to Mass Media	3	Recommended JCSD Web Design, Dragon TV, or Graphic, Sound, and Animation	
SDV115 Study Strategies	2		
Mathematics and Sciences			
MAT110 Math for Liberal Arts	3	DMACC Prerequisite: Placement score and/or minimum ALEKS score of 30% or MAT064 with grade C- or higher	Yes
MAT114 Elementary Educators Math I	3	DMACC Prerequisite: Placement score and/or minimum ALEKS score of 46% or MAT073 with grade C- or higher Recommendation JCSD Financial Literacy	
MAT116 Elementary Educators Math II	3	DMACC Prerequisite: MAT114 with a grade of C- or higher	
MAT141 Finite Math	4	DMACC Prerequisite: Minimum ALEKS score of 30% or MAT063 with a C- or higher	Yes
MAT162 Principles of Business Stats	4	DMACC Prerequisite: Placement score and/or minimum ALEKS score of 46% or MAT073 with grade C- or higher	Yes
PHS152 Astronomy	4		Yes
ENV103 Sustainable Living	1	Recommended JCSD Environmental Science or Biology in the Environment	
BIO145 Ecology of Iowa	3	Recommended JCSD Environmental Science or Biology in the Environment	
BIO151 Nutrition	3	Recommended JCSD Kinesiology	
Social & Behavioral Sciences/Criminal Justice/Global Studies			
ANT 105 Cultural Anthropology	3		Yes
GLS200 Country Study - China	3		
GEO111 Intro to Geography	3		Yes
GEO124 Regional Geography of the NonWest World	3		Yes
HIS257 African American History	3		Yes

HIS274 Women's History	3		
HSV135 Women's Issues	3		
GLS200 Country Study - Belize	3		
POL121 International Relations	3		Yes
POL171 Intro to Public Administration	3		
PSY241 Abnormal Psychology	3	Recommended JCSD AP Psychology	Yes
PSY251 Social Psychology	3	Recommended JCSD AP Psychology	Yes
PSY261 Human Sexuality	3	Recommended JCSD Sociology and DMACC Intro to Sociology	
SOC120 Marriage and Family	3	Recommended JCSD Sociology	Yes
SOC200 Minority Group Relations	3	Recommended JCSD Sociology	
ANT202 Human Origins	3		Yes
SOC110 Intro to Sociology	3	Recommended JCSD Sociology	
SOC115 Social Problems	3	Recommended JCSD Sociology	
SOC226 Issues in Aging	2	Recommended JCSD Sociology	
PSY102 Human and Work Relations	3		
PSY140 Exploring Mental Health	3	Recommended JCSD AP Psychology	
CRJ128 Victimology	3	Recommended JCSD Sociology	
CRJ120 Introduction to Corrections	3	Recommended JCSD AP Psychology	
CRJ100 Intro to Criminal Justice	3	Recommended JCSD AP Psychology	
CRJ101 Ethics in Criminal Justice	3	Recommended JCSD AP Psychology	
CRJ111 Police and Society	3	Recommended JCSD AP Psychology	
CRJ179 White Collar Crime	1	Recommended JCSD AP Psychology	
CRJ301 Intro to Homeland Security	3		
CRJ302 Transportation and Border Sec	3		
CRJ305 Intro to Cyber Terrorism	3		
CRJ326 Emergency Planning	3		
Office/Computer/Networking			
ADM105 Intro to Keyboarding	1		
ADM147 Customer Service Health Care	3		
BCA110 Introduction to Word	1		
BCA121 Introduction to Excel	1		
INF110 Fundamental Informatics	3		
CIS125 Intro to Programming Logic w/L	3	Recommended JCSD Computer Science or AP Computer Science	
CIS161 C++	3	Recommended JCSD Computer Science or AP Computer Science	
CIS169 C#	3	Recommended DMACC CIS125 and CSD Computer Science or AP Computer Science	
CIS189 Python	3	Recommended JCSD Computer Science or AP Computer Science	
CIS303 Introduction to Database	3	Recommended JCSD Computer Science or AP Computer Science	
CIS338 SQL/Oracle	3	Recommended DMACC CIS332 and CSD Computer Science or AP Computer Science	
DAT201 Data Science I	3	Recommended JCSD Computer Science or AP Computer Science	

DMACC CAREER ADVANTAGE

DMACC offers a number of career courses on their campuses that allow senior Johnston High School students to earn college credit. Each program requires students to be absent 3 periods per day from Johnston High School and requires that students provide their own transportation. The following course options are subject to change and may not be available during each semester.

Any student wishing to enroll in a Career Academy course should schedule a meeting with their counselor as there are travel and scheduling considerations. Refer to page 13 for more details.

DMACC Career Academy Pathway Options	Credits	Location
Fashion Pathway		
APP209 Textile Science	3	Ankeny Campus
APP240 Fashion Design	3	
APP261 Fashion Industry Analysis	3	
APP109 Creative Design Foundations	3	
Automotive Collision Technology		
CRR150 Basic Shop Safety	1	Ankeny Campus
CRR325 Sheet Metal Fundamentals	5	
CRR101 Sheet Metal Welding	2	
CRR742 Estimating Theory	2	
CRR841 Principles of Refinishing	5	
Automotive Mechanics Technology Pathway		
Intro to Automotive Technology 1	6	Ankeny Campus
Intro to Automotive Technology II	6	
Business Pathway		
ADM221 Career Development Skills	2	Ankeny Campus
MKT110 Principles in Marketing	3	
MGT145 Human Relations in Management	3	
MGT101 Principles of Management	3	
BUS102 Introduction to Business	3	
Computer Programming Pathway		
CIS125 Intro to Programming w/Logic	3	Ankeny Campus
CIS169 c#	3	
CIS303 Intro to Database	3	
CIS174 Advanced C# Programming	3	
CIS332 Database & SQL	3	
CIS940 Software Project Application	1	
CIS940 Software Project Application	1	
CIS940 Software Project Application	1	
CIS940 Software Project Application	1	
Computer-Aided Design Technology Pathway		
CAD151 CAD Graphics	6	Ankeny Campus
CAD152 Principles of Marketing	3	

Criminal Justice Pathway		
CRJ100 Intro to Criminal Justice	3	Ankeny Campus
CRJ107 Survey Criminal Justice Agencies	3	
CRJ141 Criminal Investigations	3	
CRJ201 Juvenile Delinquency	3	

Culinary Arts Pathway		
HCM142 Food Preparation 1	3	Ankeny Campus
HCM144 Food Preparation 1 Lab	3	
HCM152 Food Preparation II	2	
HCM153 Food Preparation II Lab	2	
HCM100 Sanitation & Safety	2	

Diesel Technology Pathway		
DSL606 Hydraulics & Brakes	6	Ankeny Campus
DSL546 Power Trains I	6	

Emergency Medical Technician Pathway		
EMS214 Emergency Medical Technician	6	Ankeny Campus

Fashion Pathway		
APP209 Textile Science	3	Ankeny Campus
APP240 Fashion Design	3	
APP261 Fashion Industry Analysis	3	
APP109 Creative Design Foundations	3	

Health Occupations Pathway		
HSC101 Emergency Care	1	Ankeny Campus
HSC105 Intro to Health Occupations	1	
HSC109 Exploring Health Career/Building Team	3	
HSC114 Medical Terminology	3	
HSC172 Nurse Aide 75 Hours	3	
HSC182 Advanced Nurse Aide	3	

Machine Operation/Tool and Die Pathway		
MFG250 Engine Lathe Theory	1	Ankeny Campus
MFG251 Engine Lathe Operations Lab	2	
MFG260 Mill Operations Theory	1	
MFG261 Mill Operations Lab	2	
MFG105 Machine Shop Measuring	3	
MFG121 Machine Trade Print Reading I	2	

Cyber Security		
NET168 Administering Window Server	3	Ankeny Campus
NET166 Applied Computer Security	3	
NET402 Linux Network Admin	3	
NET202 Programming for Net Admins	3	

Automotive Collision Technology Pathway		
CRR150 Basic Shop Safety	1	Southridge Campus
CRR325 Sheet Metal Fundamentals	5	
CRR101 Sheet Metal Welding	2	
CRR841 Principles of Refinishing	5	
Automotive Mechanics Technology Pathway		
AUT111 Intro to Automotive Technology 1	6	Southridge Campus
AUT112 Intro To Automotive Technology II	6	
AUT163 Automotive Engine Repair	3	
AUT601 Auto Electrical	4	
AUT612 Auto Electrical II	4	
Business and Marketing Pathway		
BUS102 Introduction to Business	3	Southridge Campus
MGT145 Human Relations in Business	3	
MKT140 Selling	3	
MGT101 Principles of Management	3	
BUS148 Small Business Management	3	
Criminal Justice Pathway		
CRJ100 Intro to Criminal Justice	3	Southridge Campus
CRJ107 Survey of Criminal Justice Agencies	3	
CRJ141 Criminal Investigations	3	
CRJ201 Juvenile Delinquency	3	
Health Occupations Pathway		
HSC101 Emergency Care	1	Southridge Campus
HSC105 Survey of Health Careers	1	
HSC109 Intro to Health Careers	3	
HSC114 Medical Terminology	3	
HSC172 Nurse Aide 75 Aide	3	
HSC182 Advanced Nurse Aide	3	
Human Services Pathway		
HSV109 Intro to Human Services	3	Southridge Campus
HSV130 Interviewing/Interper Relation	3	
HSV185 Discrimination and Diversity	3	
PSY111 Introduction to Psychology	3	
Teacher Academy		
EDU210 Foundations of Education	3	Southridge Campus
SDV164 Electronic Portfolio Development	2	
EDU218 Initial Field Experience	2	
WBL100 Exploring Careers	1	
Welding Pathway		
WEL228 Intro to Welding, Safety, and Health of Welders	1	Southridge Campus
WEL233 Print Read/Sym Inter: SENSE I	3	

WEL263 OFC-I Manual & Mech:SENSE I	2	
WEL254 Inspection/Test Princ: SENSE I	1	
WEL245 Gas Metal Arc Welding Short Circuit Transfer	2	
WEL266 PAC/CAC	1	

2024-2025

SPECIAL EDUCATION



SPECIAL EDUCATION

Course Title	Offered to students in:				Class Length is:		Total Credit	NCAA Approved	Included in RAI	Pre-Requisite?
	Grade 9	Grade 10	Grade 11	Grade 12	One Sem.	Year Long				
EBCE			x	x		x	1.0	No	No	yes
Skill Development	x	x	x	x		x	1.0	No	No	yes

All Special Education programs require determination of eligibility through testing and/or observation. After evaluation, a meeting is held and those determined eligible will be placed in the appropriate programs. All programs are a year- long course and credit is received for successfully completing the assigned work.

Experience Based Career Education (EBCE)	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: Teacher Recommendation	Type of Course: Elective
Offered to grades: 11-12th	Other: Not NCAA eligible/Not RAI approved

This course is designed for any junior or senior, who has been recommended by the IEP staffing team, who is interested in exploring future career choices on an individualized basis. It is an experience based career education program designed to use the community, as well as the classroom, for learning. The course allows the opportunity to explore and become aware of the preparation needed for the world of work. Students would be placed at a job site three days a week with two hours a day. Students report to class weekly to work with their teacher evaluating the previous weeks learning activities and designing activities for the following week.

The students will come from the identified special education population. Those students who have an identified need for work experience at the IEP meeting are excellent candidates. Special situations will need to obtain prior approval from the instructor (work experience coordinator).

Skill Development	
Credit: 1.0	Length of Class: Yearlong
Prerequisites: Teacher Recommendation	Type of Course: Elective
Offered to grades: 9-12th	Other: Not NCAA eligible/Not RAI approved

This class provides specially designed instruction for students with individual education plans in the areas of reading, writing, and math needs. Instructional activities are delivered on a regular basis for specific periods of time. Students are also taught study skills, self-advocacy, character building and assistance for transition planning. Instructor approval is required.

2024-2025

APPENDIX



JOHNSTON COMMUNITY SCHOOL DISTRICT

A. Participation Agreement, Acknowledgement of Risks and Release of Liability

I, the undersigned participant (and the parent or guardian if participant is a minor), in consideration of the JOHNSTON COMMUNITY SCHOOL DISTRICT'S ("District") sponsorship of the activities described below voluntarily make the following agreement:

1. Agreement to Participate: I hereby desire and agree to participate in the following [ATHLETICS/ACTIVITIES/PROGRAMS] ("Program(s)"):

(Set forth description of [ATHLETICS/ACTIVITIES/PROGRAMS])

I understand this/these Program(s) is/are a completely voluntary Program(s) being offered by the District in an effort to meet the educational needs of its students.

2. Assumption of Risks: I am aware of, and voluntarily assume the risks inherent in this/these Program(s) and I understand that my participation could result in injury to myself, perhaps including loss of property, limb, life or permanent physical impairment. I believe that I am in good health and I know of no physical or emotional reasons why I cannot safely participate in the above Program(s). I promise to abide by all of the rules and regulations of the District or any other Business Entity I may be working with, or for, as part of this/these Program(s) and obey the instructions and orders of its employees. I hereby release any claims whether for personal injury, property damage or otherwise, against the District which may arise out of my voluntary participation in the above activities

3. Transportation: The terms and conditions of the Program(s) have been explained to me. I understand that transportation to and from [LOCATION] is a prerequisite to participation in the Program(s) and that this transportation will not be provided, organized or monitored by the District in any way. Rather, transportation is the sole and absolute responsibility of the student and/or parent and is not the responsibility of the District. I further understand that any damage or injury resulting from my transportation to and from [LOCATION] shall be my, and/or my parent's, responsibility and I will not hold the District liable for any reimbursement for such damage or injury. I understand that the terms and conditions of this participant agreement apply to me, as the driver, only, and that the District strictly prohibits students from driving other students to and from [LOCATION(S)].

4. Contractual Agreement: I understand that this is a contractual agreement and that no representation of any kind has been made to me as an inducement for the execution hereof. I have read this agreement and I understand its terms. If any portion of this agreement is invalid, I expect that the remaining portions of this agreement will be enforced. I have read this agreement and understand its terms and hereby voluntarily enter into same.

Signature of Participant

Date

Signature of Parent or Guardian

Date

JOHNSTON COMMUNITY SCHOOL DISTRICT

B. Confidentiality Agreement

I, the undersigned participant (and the parent or guardian if participant is a minor), understand that I may hear, read, or have access to, personal, financial, medical, or proprietary business information in the course of my participation in [PROGRAM]. All such information, as well as any other information which is not generally known to the public, shall be treated as confidential. Confidentiality of information obtained in the course of my participation in [PROGRAM] must be maintained at all times, including after the termination of my association with [BUSINESS].

Unauthorized access or disclosure of confidential information to anyone without proper authorization is strictly prohibited. Engaging in discussions of confidential information with family, friends, or any other unauthorized person, is not only a breach of confidence, but may also be illegal. I further acknowledge that I have read and agree to follow all [BUSINESS] policies and procedures for confidentiality. I understand that compliance with these policies and procedures is a condition of my continued participation in [PROGRAM] and that I may be removed from the [PROGRAM] at any time for a violation of [BUSINESS] policies and procedures.

Signature of Participant

Date