

North Linn

North Linn

Course Description

Booklet

2025-2026

REGISTRATION NOTE TO STUDENTS

Discuss the information in this book with your parents. Prepare and evaluate a tentative schedule using your 4-year plan. You will register online for courses in the spring of each year. Every attempt will be made to meet your course selections with the understanding that other factors such as teacher load and course enrollment also determine which courses will be taught.

Take your registration seriously. Do not enroll in a class just because your best friend enrolls in a class. Your personal goals may be significantly different from his/hers. Elective courses must have an available instructor and may have a minimum number of students enrolled in order to be taught. Courses required by the North Linn Board of Education and State Department of Public Instruction will be offered each year.

Use your parents, counselor, principal, and teachers as resource people to help you make your choices. They can help you make decisions about the future. They also can answer questions you have about courses and how they might benefit your future career.

ACADEMIC SUBJECT ENROLLMENT

All students are required to enroll in at least five academic classes per semester. (Physical Education is not considered an academic course.)

CREDITS REQUIRED FOR GRADUATION

A minimum of 48 credits are required for all graduating seniors. Refer to Board Policy #505.5.

A student must have completed all requirements to participate in commencement. Refer to Board Policy #505.7

Graduation requirements for special education students will be in accordance with the prescribed course of study as described in their Individual Education Program (IEP). Prior to the special education student's graduation, the IEP team shall determine whether the graduation requirements have been met. Refer to Board Policy #505.5.

CREDIT DETERMINATION

In order for a student to receive a North Linn Credit, he/she must satisfactorily complete a course that meets five days a week for eighteen weeks or one semester. A North Linn credit is equivalent to ONE-HALF of an Iowa Department of Education UNIT OF CREDIT or ½ of a Carnegie unit. One Carnegie unit requires completion of a course that meets five days a week for thirty-six weeks or two semesters.

Credit will be granted towards graduation for the student if the grade earned is a "D-" or higher in a course. Credit will not be granted towards graduation for the individual if the grade of "F" is earned. Required courses which are not completed successfully (grade of "F") must be retaken for successful completion and credit towards graduation.

All North Linn students are required to have a 4 year high school plan using an approved career planning system.
Code 505.5

GRADUATION REQUIREMENTS

Students must successfully complete the courses required by the North Linn Board of Education and the Iowa Department of Education in order to graduate.

It shall be the responsibility of the Superintendent to ensure students complete grades one through twelve and that high school students complete **48** credits prior to graduation. The following credits will be required:

Language Arts	8 credits
Mathematics	6 credits (To be accumulated between grades 9-12)
Science	6 credits
Social Studies	6 credits
Health	1 credit
Financial Literacy	1 credit
Physical Education	4 credits
Electives	16 credits

The required courses of study will be reviewed by the North Linn Board of Education annually.

Students must be enrolled as full time students: minimum of five academic courses each semester, plus 1 semester of PE.

Graduation requirements for special education students will be in accordance with the prescribed course of study as described in their Individual Education Program (IEP). Prior to the special education student's graduation, the IEP team shall determine whether the graduation requirements have been met.

Legal Reference: Iowa Code 256.11, .11A; 279.8; 280.3, .14 (1995).
281 I.A.C. 12.2; .3(7);.5; 41.10(9).

Cross Reference: 505 Student Scholastic Achievements
603.3 Special Education

Approved 4/19/06 Reviewed___ Revised___ North Linn Community School District Board Policy

12.5(20) Cardiopulmonary resuscitation (CPR) course completion requirements: Subject to the provisions of sub-rule 12.5(6), at any time prior to the end of twelfth grade, every pupil physically able to do so shall have completed a psychomotor course taught by a person certified to teach a course that leads to certification in CPR. (Beginning with 2012 graduates)

IOWA CORE CURRICULUM VISION STATEMENT

"Every North Linn student will learn the essential concepts and skills that will enable them to reach their personal goals and prepare them for life in the 21st century. In doing so, students shall become compassionate, intelligent, productive and well-adjusted world citizens who have sound moral standards, respect for human dignity, and proper regard for human and natural resources."

SCIENCE COURSES INCLUDE:

Physical Science (lab)
Biology (lab)
Chemistry (lab)
AP Biology (lab)
AP Chemistry (lab)
Environmental Science
Forensic Laboratory Science
Anatomy & Physiology (lab)
Physics (lab)
Principles of Agriculture Science (beg. with the class of 2022)

MATHEMATICS COURSES INCLUDED:

Algebra I
Algebra II
AP Calculus
Geometry
AP Pre-Calculus
Statistics

SCHEDULE OF CREDITS

SPECIFICALLY REQUIRED COURSES (32 CREDITS)

AMERICAN GOVERNMENT	One credit (12 th grade) or (11 th grade with approval)
AMERICAN HISTORY	Two credits (10 th grade)
GEOGRAPHY	One credit (9 th grade)
ELECTIVE SOCIAL STUDIES	Two credits
LANGUAGE ARTS	Eight credits (Eng. 9, Eng. 10, & 4 elective credits)
HEALTH I	One credit (9 th grade)
FINANCIAL LITERACY	One credit (9-12 grade)
MATHEMATICS	Six credits (To be accumulated between grades 9-12)
PHYSICAL EDUCATION	Four credits (1 credit per year)
PHYSICAL SCIENCE	Two credits (9 th grade)
BIOLOGY	Two credits (10 th grade) or (9 th grade with approval)
ELECTIVE SCIENCE	Two credits (11 th or 12 th grade)
ELECTIVES	16 Credits

It is the student's responsibility to review his/her credit status and to arrange, with the counselor, plans to resolve any credit deficiencies that may exist. Those plans will need approval of both the counselor and principal.

RECOMMENDED COURSES FOR COLLEGE

It is recommended that students interested in a four year college take a **minimum** of:

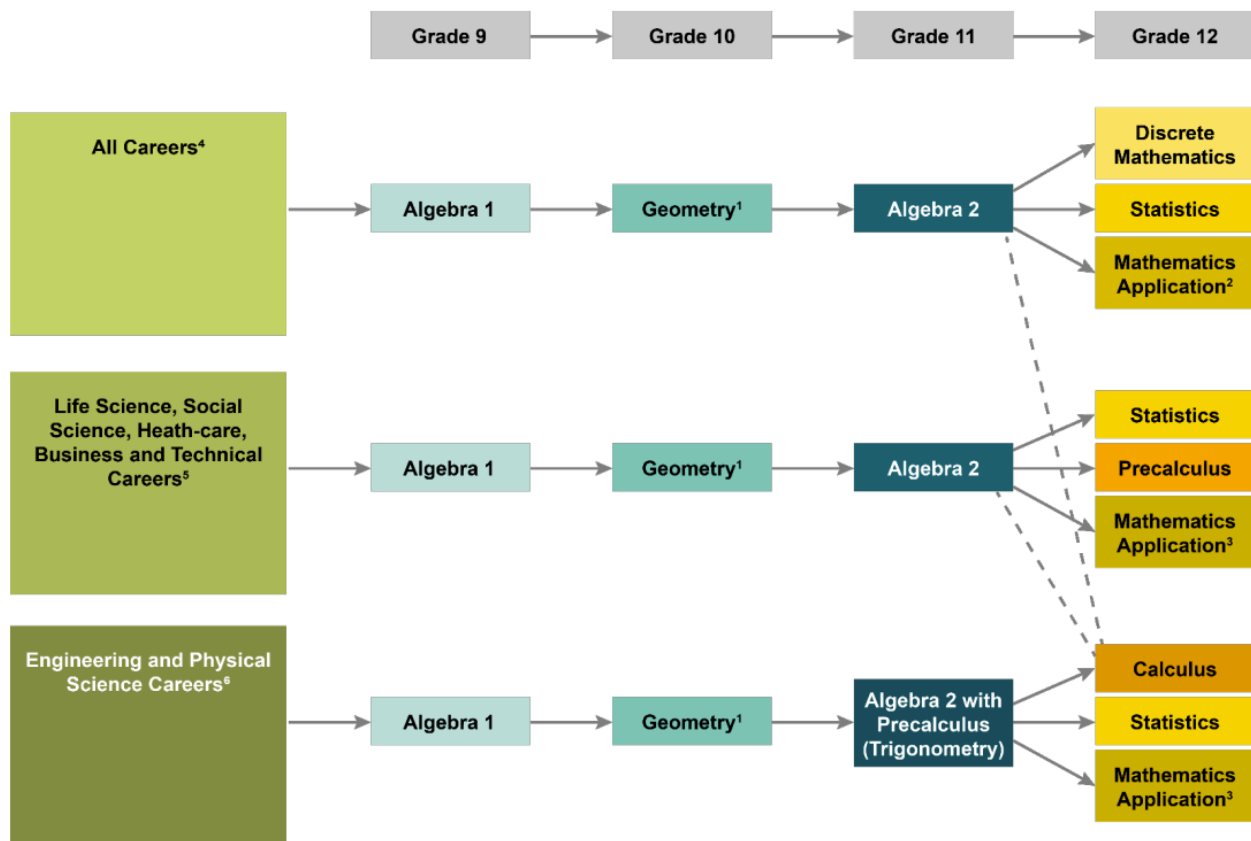
- 4 years of English (including one year of writing)
- 4 years of Math (Algebra I, Geometry, Algebra II, and Pre-Calc)
- 3 years of Science (in most cases Chemistry and/or Physics is required)
- 3 ½ years of Social Studies
- 3 years of a Foreign Language (some require 2 years to enter, with additional years to graduate)

These recommendations are for general college entrance. For some college majors, a student should have more than the above recommended courses. Students and parents should check with the college admissions office to find out what the best preparation is for the student's intended field of study and the college or university they plan to attend.

April 2024 Iowa Mathematics Standards Update

It is crucial to ensure pathways exist that allow students early access to Algebra 1 content. This early access creates opportunities for students to engage with higher-level mathematics courses during high school. Educator decisions can open doors for students, potentially even considering an accelerated path that offers Algebra 1 content in eighth grade where appropriate. School districts have local control over bundling required standards into courses, sequences, and pathways. This flexibility empowers school districts to tailor the curriculum to meet students' needs best. However, students must take all the required standards in Algebra 1, Geometry and Algebra II to ensure they have had an opportunity to learn the required standards, which are the minimum level necessary for college and career readiness.

State of Iowa Model Course Pathway Curriculum



North Linn

Mathematics Course Sequencing

**All students are required to earn 6 credits of Math (to be accumulated between grades 9-12).
Each semester of math is equal to 1 credit.

	Pathway 1	Pathway 2	Pathway 3	Pathway 4
8th	8th Grade Math	8th Grade Math	Algebra I	Algebra I
9th	Algebra I	Algebra I	Geometry	Geometry
10th	Geometry	Geometry	Algebra II	Algebra II w/Trig
11th	Algebra II	Algebra II w/Trig	Choose from: • AP Pre-Calculus • Statistics	Choose from: • AP Calculus • Statistics
12th	Choose from: • AP Pre-Calculus • Statistics • No Math	Choose from: • AP Calculus • No Math	Choose from: • AP Pre-Calculus • Statistics • AP Calculus • No Math	Choose from: • Statistics • AP Calculus • Kirkwood Adv Math Class • No Math

COURSE AND SECTION CHANGE/DROP RESTRICTIONS

Required courses must be taken, initially, the year specified under the section “Course Offerings”.

Students will need to obtain permission from the instructor, counselor, and principal prior to changing sections. The counselor and principal will have the right of assignment concerning student placement in multiple section courses.

Students may drop courses and enroll in other courses, with the approval of the principal or counselor, only during the first three school days at the start of each semester.

The reason for adding or dropping courses could include inappropriate placement in the course and/or other educationally related reasons. When courses are added or dropped approval must be granted by the counselor or principal.

ELIGIBILITY – ACADEMIC

Refer to the student handbook.

PROPOSITION 48

Students who plan to be involved in Division I, II or NAIA level college athletics should be aware of the NCAA and NAIA regulations in this area. All courses must be approved by the NCAA and/or NAIA.

For more information or questions regarding NCAA or NAIA requirements:

NCAA Eligibility Center website at www.eligibilitycenter.org

NCAA Eligibility Center Customer Service at (877) 262-1492

NAIA at www.naia.org

REGENTS ADMISSION INDEX

To be guaranteed automatic admission, students must have the subject-matter background required by UNI, ISU, or U of Iowa, and score at least 245 points on the Regents Admission Index.

Students who score below 245 will still be considered for admission. The index score is not a final determination of enrollment. Students who score under 245 are encouraged to apply and their applications will be reviewed on an individual basis.

FEE PAYMENT

Please check with our current Student Handbook and the North Linn Business Office for the most current information concerning fees for courses.

INDEPENDENT STUDY ENROLLMENT

Students wishing to sign-up for Independent Study classes must have consent of both teacher and administration. The administration may rule upon individual cases as necessary.

CONCURRENT ENROLLMENT - SENIOR YEAR PLUS

Students in high school are eligible for Concurrent Enrollment through the Senior Year Plus Act. The following factors shall also be considered in the Board's determination of whether a student will receive high school credit for a course at a post-secondary educational institution:

The course must be taught at a public or accredited private institution; a comparable course is not offered in the school district; the course must be an accredited course at a postsecondary institution; the course is not religious or sectarian. North Linn is only financially responsible for concurrent enrollment courses taken during the academic school year. ***Additionally: Some courses require the student to be proficient in math, science, and reading according to standard scores in order to take concurrent enrollment classes.*** Currently, students are required to have specific scores on ALEKS or ACT to register for some courses.

The Board shall retain the authority to determine the definition of a part-time student eligible to participate in post-secondary enrollment. Students will be granted one North Linn credit for each post-secondary semester course successfully completed. Students must be enrolled as full time students: at least five academic courses plus one semester of P.E.

Students will not be able to use concurrent enrollment courses toward core graduation requirements if North Linn teaches a course of that topic for high school credit (Ex. Intro to Psychology, Intro to Sociology, Fundamentals of Oral Communication) or gain credits for classes failed at North Linn. Students may not audit a concurrent enrollment course. Online courses available to North Linn students can be found [here](#).

The semester grade earned in a college class will be figured into the student's grade point at North Linn. Students are allowed to drop a concurrent enrollment course during the first five days of the course without receiving a W (Withdraw). After the first five days, a W (Withdraw) will appear on the student's college and high school transcript. W (Withdraw) grades do not affect a student's GPA.

Please refer to Board Policy #604.6

Concurrent courses earn Kirkwood College credit and high school credit. The letter grade students receive is entered into their college and high school GPA and transcripts. Students taking concurrent courses will have an active transcript with Kirkwood Community College. The transcript can be transferable to other colleges, with the understanding that individual colleges can elect whether to accept any/all courses. Colleges/universities are constantly updating and changing their curriculum and requirements. It is an excellent idea to verify which courses are and are not acceptable. Students and/or parents should contact the student's college of choice to clarify if and how the college will accept Kirkwood Community College credits.

CONCURRENT COURSES ON NORTH LINN CAMPUS

Architecture Plans & Specs
Architectural Modeling
Precision Farming Systems
How College Works
Information Computing
Emerging Technology Trends
Introduction to Business (Beginning SP 2025)

Personal Finance (Beginning SP 2025)
Introduction to Entrepreneurship (Beginning FA 2025)
Exploring Teaching (Beginning FA 2025)

CAREER ACADEMIES: LINN REGIONAL CENTER

Career Academies are college courses set up specifically for high school students. Students travel to 1770 Boyson Road in Hiawatha to take a group of courses in a specific field of interest. These courses are set up to be taken at the beginning or end of each day for the entire school year. Most academies offer two college classes each semester, for a total of four or more college courses in one school year. Students earn both high school and college credit at no cost to their families, and more importantly, explore specific career fields to help them make important decisions about their future. In many cases, career academies allow high school students a jump start on an applied science diploma, degree or technical certificate at Kirkwood. Academy offerings are determined by the number of interested students, so all academies might not be offered every year.

[High School Academies at Linn Regional](#) (List subject to change)

HIGH SCHOOL REGISTERED APPRENTICESHIP PROGRAM (HSRAP)

Grant Wood AEA, Kirkwood Community College, Iowa Workforce Development, and Kirkwood Workplace Learning Connection have partnered to create real life experiences for students wanting to jump-start their career through this apprenticeship program. Students begin coursework while in high school, partner with an employer to get valuable on the job training, learn key skills in a high demand career, and complete the program with a nationally recognized credential. Students receive Kirkwood and North Linn credit for the courses taken during the apprenticeship and are given time in their schedule to accumulate apprenticeship hours. Applications open up each spring and students go through a rigorous application and interview process to be chosen for the program.

[Welding Apprenticeship](#)
[CNA Apprenticeship](#)

INTERNSHIPS THROUGH WORKPLACE LEARNING CONNECTION

Internship is coordinated by Workplace Learning Connection. Internships require working 45-90 hours over the course of the academic term, and can be completed during the summer. The internship application is a vetted process with an application and interview. High school juniors and seniors who participate in the internship program earn dual credit through Kirkwood Community College and North Linn. They experience career exploration onsite with a business/organization while learning professional development with WLC. Not all students are accepted into the program.

[Workplace Learning Internship Application](#)

ADVANCED PLACEMENT COURSES OFFERED AT NORTH-LINN HIGH SCHOOL

AP BIOLOGY
AP PRE-CALCULUS

AP CALCULUS

EARNING AP COLLEGE CREDIT OR PLACEMENT

With qualifying AP exam grades, you can earn credit, placement, or both at more than 90 percent of colleges and universities in the United States and Canada. Individual colleges and universities, not the College Board or the AP Program, grant course credit and placement. You should obtain a college's AP policy in writing. You can find this information in the institution's catalog on its website or by using the AP Credit Policy Info search at:

www.collegeboard.com/ap/creditmap

Your AP Exam grade is a weighted combination of your scores on the multiple-choice section and on the free-response section. The final grade is reported on a 5-point scale:

5 = extremely well qualified

4 = well qualified

3 = qualified

2 = possibly qualified

1 = no recommendation

The AP Program conducts studies in all AP subjects to compare the performance of AP students with that of college students in comparable college courses. These studies help set the "cut points" that determine how AP students' composite scores are translated into an AP grade of 1 to 5. AP exam grades of 5 are equivalent to A grades in the corresponding college course. AP Exam grades of 4 are equivalent to grades of A-, B+, and B in college. AP Exam grades of 3 are equivalent to grades of B-, C+, and C in college. You control which colleges (if any) receive your AP exam grades. There will be no mid-year graduation ceremony. Students who elect to graduate early may return to participate in the spring ceremony or receive their diplomas in the school office.

EARLY GRADUATION REQUIREMENTS

Early graduation is addressed by Board Policy 505.6. Students must have approval of the Board of Education and obtain a recommendation by the Superintendent or Principal.

In order to graduate at mid-year a student must meet these requirements:

1. Must have completed all graduation requirements by the end of their final semester.
2. Must submit a written letter of request for early graduation to the principal, signed by both the student and parents/guardians. This written request must be submitted no later than December 1st of their anticipated graduation year to be presented to the Board of Education at the December meeting.
3. Must turn in all books and other equipment and pay all fines or fees.

COMMENCEMENT/GRANTING OF DIPLOMA

Students who have successfully completed high school shall be granted a diploma and be permitted to participate in the commencement ceremony. Successfully completed means that students have met the credit requirements for graduation from North Linn, or have equivalent credits from an accredited public or private secondary school.

Resident North Linn children, who are receiving “Competent Private Instruction” or are “Dual Enrolled” under the provisions of Iowa Code 299.4, will not be permitted to participate in commencement ceremonies, nor will they be included with enrolled students in determining honor roll, etc.

The Board of Education may exclude students from participation for violation of rules established for the orderly governance of the school. The commencement ceremony shall be secular.

MODIFICATION OF SCHEDULE

A modified schedule may be granted to students unable to attend school due to a disabling illness, handicap, personal, or family condition. A person returning to school to complete graduation requirements may also be granted a modified schedule.

The student is to present a written statement to the counselor which will include:

1. nature of the problem
2. suggested modifications
3. length of time necessary to complete program
4. plans for completion of the regular program of studies
5. parental/guardian permission where applicable

NORTH LINN COMMUNITY SCHOOL DISTRICT STATEMENT OF EDUCATIONAL EQUITY POLICY

The North Linn Community School District offers career and technical programs in the following service areas: Agricultural Education, Business Education, Health Occupations Education, Family and Consumer Sciences Education, Industrial Education, and Marketing Education. It is the policy of the North Linn Community School District not to discriminate on the basis of race, color, national origin, sex, 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 the district’s Equity Coordinator, Kaitlyn Stoll, Middle School/High School Principal at 3033 Lynx Drive, P O Box 200, Troy Mills, IA 52344 or by phone at 319-224-3291 Ext. 1 or by email at kstoll@northlinncsd.org.

CAREER EDUCATIONAL OPPORTUNITIES

The administration and staff at North Linn believe it is vital for our students to be knowledgeable about their interests and to explore career opportunities.

In grades kindergarten through fifth the counselor discusses career awareness at each grade level. She also introduces several career experiences (such as post office and school supply store) to explore different careers and opportunities to help students begin the process of learning about different jobs and careers. In all grade levels, teachers link their class information to different occupations and opportunities in the ‘world of work’.

6th-12th grade students use our career information system, Xello, which allows them to use their interests and strengths to discover possible future occupations, and to plan their educational and occupational careers during and after high school. Students in 8th grade outline which classes they will need to take to reach their occupational goals (4-year plan), while taking into account their individual strengths and interests. Goal setting is done throughout the curriculum (K-12).

Every spring all 8th grade students and their parents/guardians are invited to Transition Night. During this time students and parents review the required courses for high school and finish setting up or reviewing their student’s four year academic plan. 8th graders are invited back before school starts to familiarize themselves with the high school, the student handbook, and to make any necessary changes to their schedules.

The counselor meets with every class several times during the school year to disseminate pertinent and relevant information concerning each specific grade level. The counselor also meets with each senior one to one to discuss post-secondary plans and/or options.

The counselor/advisors meet with each high school student in the high school at least once a year to review their four year plans and update any changes as required by the state. Students also have access to their individual plan on Xello throughout their high school career, to constantly review and update their educational goals.

Students have the opportunity to select classes such as *How College Works* to better prepare them for life after high school. All juniors attend a college fair held each year in September at Kirkwood Community College.

The counselor also works with ‘Workplace Learning Connection’ to set-up job shadow experiences for students in their sophomore, junior, and senior years. Students can also participate in an internship experience through ‘Workplace Learning Connection’ the summer between their junior and senior year of high school or during their senior year. Both experiences require the student to fill out an application and complete an interview, both of which are great learning opportunities for students.

High School Career Development Days – 9th grade Career Inspire Day in Cedar Rapids, 11th grade Delaware County Business and Industry Day

Middle School Career Development Days – 7th grade STEAM Institute, 8th grade Financial Literacy Fair

Agricultural Education

Course Name	Principles of Agriculture Science and Technology
SCED Code	18002G10000
Total Credits	2 Credits
Required or Elective	Elective or Elective Science Credit (2021)
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	No Prerequisites Required for FFA involvement
Description	This is an introductory course that presents students with the foundations of agricultural science. Students will develop skills and knowledge in ag careers, animal science, agriculture mechanics, and global issues related to agriculture and plant science. Learning experiences will include hands-on experience as well as various classroom and laboratory exercises. Students will also learn leadership skills through an introduction to FFA.

Course Name	Animal Technology
SCED Code	18101G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Principles of Agriculture Science and Technology
Description	The focus of this course is to develop advanced skills related to animal science. The primary units of study will be: Animal Reproduction, Genetics, Animal Systems, and Feeding and Nutrition. Practical experiences will focus on applying basic

	scientific procedures and practices as well as learning through new developments in the animal industry.
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Course Name	Natural Resources
SCED Code	18504G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Principles of Agriculture Science and Technology
Description	This course is a broad and diverse study of the natural resources and their relationship to agriculture. Students are taught the importance of the basic natural resources including soil, air, water, forest, wildlife, etc. Emphasis is placed on developing knowledge and skills needed for the management and conservation of these resources.

Course Name	Aquaculture
SCED Code	18306G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Principles of Agriculture Science and Technology
Description	Students will identify opportunities in the aquaculture industry; identify aquaculture species and their anatomy; examine principles of production and management; operate a fish hatchery and re-circulating production system; control nutrition, evaluate and maintain water quality; and process and market fish.

Course Name	Horticulture/Landscape Design
SCED Code	18053G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Principles of Agriculture Science and Technology
Description	This horticulture course will introduce students to present knowledge and skills in fruit and vegetable production, ornamental, turf, and landscape design. Students will apply knowledge and skills in real life situations for both private and commercial horticultural application. Work in the greenhouse laboratory is included in this course.

Course Name	Introductory Horticulture
SCED Code	18052G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Principles of Agriculture Science and Technology
Description	This beginning level horticulture course is designed to present knowledge and skills in the home horticulture and floriculture areas. Hands on greenhouse laboratory experiences are provided. Areas of study will include: greenhouse management, plant propagation, indoor plant management, and floriculture with an emphasis on both retail and commercial applications. Students will apply knowledge and skills in real life situations.

	Fall 2025, Fall 2027
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Course Name	Precision Farming-Concurrent with Kirkwood
SCED Code	18309C05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Principles of Agriculture Science and Technology
Description	This course covers the fundamentals of Global Positioning Systems with an emphasis on agricultural applications. Technical aspects of GPS satellites, differential corrections, field navigation and yield mapping will be covered. <i>Students will receive three college credits after successful completion of this course through Kirkwood Community College.</i>

Course Name	Plant Technology
SCED Code	18051G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Principles of Agriculture Science and Technology
Description	Fundamental agronomic principles are taught in this course. Soil evaluation, alternative agronomic crops, plant nutrition, weed science, and major agronomic plant growth and development. This course offers hands-on experience in these

	topic areas. Problem solving is stressed to develop a working knowledge in this agronomic area of agriculture.
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Course Name	Production Horticulture
SCED Code	18054G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Principles of Agriculture Science and Technology
Description	This horticulture course will introduce students to present knowledge and skills in the design and maintenance of home and commercial landscape applications. Students will learn to draft landscape designs on paper as well as utilizing Computer Assisted Design Software. Turf management will also be covered in this course. Students will apply knowledge and skills in real life situations. Fall 2024, Fall 2026

Course Name	Agriculture Business Management
SCED Code	18201G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Principles of Agriculture Science and Technology Suggested Senior Year
Description	This advanced level course is designed to emphasize agricultural business management. Students will have hands-on experience with computers and other data serving

	networks. They will manage simulated businesses. Learning opportunities will include credit and money management marketing, planning and decision making. Management principles, record keeping, and occupational/career planning will be stressed.
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Course Name	Agriculture Technology
SCED Code	18249G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Principles of Agriculture Science and Technology Suggested Senior Year
Description	This course is designed to introduce and advance student skills in agriculture technology transfer. Learning opportunities will be centered around technological advances in agriculture. Students will learn and practice agriculture applications in computer hardware and software on DOS/Windows based computers, global positioning systems, and other technological advancements related to the field of agriculture. Spring 2025, Spring 2027

Business Education

Course Name	Introduction to Business CC- Concurrent with Kirkwood
SCED Code	12051C05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	
Description	This class is an introductory course that presents students with the foundations of various aspects of the business world. Areas to be covered include the economic system, the nature and form of American business, consumer rights and responsibilities, entrepreneurship and marketing. This course is strongly recommended for those interested in additional business courses. <i>Students will receive three college credits after successful completion of this course through Kirkwood Community College.</i>

Course Name	Computer Business Apps
SCED Code	10004G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	
Description	This course is designed to provide hands-on experience with application software. Students will complete individual projects in Word, Excel, PowerPoint, and Publisher.

Course Name	Personal Finance CC- Concurrent with Kirkwood
SCED Code	19262C05000
Total Credits	1 Credit
Required or Elective	Elective or Financial Literacy Requirement
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	
Description	This course exposes students to an area of personal finance that they will likely encounter as teenagers. The curriculum covers, among other topics: consumer awareness, money management, opening bank accounts, managing a checkbook, managing credit, applying for a job, and saving and investing. Information will be presented through projects, activities, guest speakers, and multimedia presentations. <i>Students will receive three college credits after successful completion of this course through Kirkwood Community College.</i>

Course Name	Information Computing CC-Concurrent with Kirkwood
SCED Code	10001C05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	
Description	This course familiarizes the student with business and personal and industrial uses of microcomputers. A broad-based overview of microcomputer topics is presented; concepts of

	storage media, file organization, and data representation are also presented. The fundamentals of computer problem solving and programming are discussed. <i>Students will receive three college credits after successful completion of this course through Kirkwood Community College.</i>
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Course Name	Entrepreneurship
SCED Code	12053G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	
Description	Students will develop an operating plan and organizational structure that will culminate in the development of a comprehensive business plan for a new business idea of their choosing. Components include opportunity recognition, feasibility of the business, strategic business planning, marketing research, finance, and business monitoring. Topics include choosing a business location, advertising and promotion, designing a store layout, marketing research, obtaining finances, competition analysis, and pricing methods. Students will also prepare a presentation based on the submitted business plan in an attempt to pitch their idea to the class who will serve as potential investors.

Course Name	Accounting I
SCED Code	12104G05000
Total Credits	1 Credit
Required or Elective	Elective

NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	
Description	This course gives students a thorough background in the basic accounting procedures used to operate a business and also prepares them for college accounting classes, which are required of all business majors. Students will learn the accounting cycle and use double-entry accounting for a variety of business organizations, including proprietorships, partnerships, and corporations. Students will prepare monthly journals, ledgers, payrolls, and worksheets as well as end-of-fiscal-period financial statements. Both manual and automated accounting procedures are covered. Several projects and business simulations are used during the course to add realism and to give the students practical experience.

Course Name	Accounting 2
SCED Code	12104G05002
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Accounting 1
Description	This course is a continuation of the Accounting I course and will deal with Cycle 3 Accounting, and double entry accounting concepts for a corporation as further preparation for college accounting.

Course Name	Emerging Technology Trends- Concurrent with Kirkwood
SCED Code	10005C33200

Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	
Description	Emerging Technology Trends is a fast-paced course that uses the current technologies for businesses to create documentation and market their product/services and advertise through social media. Students develop knowledge of multimedia and social media graphics editing, and knowledge of social media marketing (platforms, algorithms, content marketing, engagement data). Assessment projects are used by students for demonstration of knowledge of multimedia elements (copyright, video, graphic design, sound, animation), knowledge of tools (smart phones, tablets, digital camera, video camera, digital scanner), knowledge of editing software (sound and video editing). <i>Students will receive three college credits after successful completion of this course through Kirkwood Community College.</i>

Course Name	Computer Science Principles
SCED Code	10011G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	Yes
Prerequisites and/or suggested requirements	
Description	Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is

	a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing so all students understand how these concepts are transforming the world.
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Course Name	Sports & Entertainment Marketing
SCED Code	12163G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Juniors & Seniors
Description	Sports and Entertainment Marketing courses provide students with a thorough understanding of fundamental marketing and management concepts and theories as they relate to the sports and entertainment industries. Content may address promotion of sports/events, licensing, sponsorship and endorsements, branding, marketing research, product development, pricing and distribution strategies, sales, event planning, and the role of existing and emerging technologies. These courses may also encourage students to develop job skills and explore career options.

English

Course Name	English 9
SCED Code	01001G05011, 01001G05021
Total Credits	2 Credits
Required or Elective	Required
NCAA Approved	Yes
RAI Core Course	Yes

Prerequisites and/or suggested requirements	
Description	This course focuses on reading, writing and critical thinking. Students will participate in a variety of classroom activities focused upon building proficiency in reading and writing. Skill work will be done in the areas of vocabulary and reading comprehension. As the students work to sharpen their reading, writing and vocabulary skills, the focus will be on helping them to develop analytical skills. The goal is to help them to accurately analyze what they are reading and to be able to effectively communicate this analysis in written form. Students will read from a wide variety of literary and non-fiction texts, which include units on the 9/11 attacks, Native American culture, the Underground Railroad and Jackie Robinson. Students will use technology to research and create several projects and will be assessed through various daily work activities and tests.

Course Name	English 10
SCED Code	01002G05012, 01002G05022
Total Credits	2 Credits
Required or Elective	Required
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	English 9
Description	Students will read a wide variety of selections from many genres of literature. Included will be short stories (both fiction and non-fiction), poetry, and at least two novels. Students will work to sharpen skills such as reading comprehension and vocabulary. Students will also learn how to identify elements of literature such as inference, symbolism and theme, and how to analyze a piece of literature, making connections between how complex ideas interact and develop throughout a piece of literature. As writers, students will learn how to make

	arguments that are logical, well-reasoned and supported by evidence. Students will share research, findings and evidence clearly and concisely. Students will find and clarify the meanings of words and phrases using multiple strategies. Students will use digital tools and resources to enhance research and create projects.
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Course Name	Communication in Society
SCED Code	01156G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	English 9 and English 10
Description	This course focuses on interpersonal communication when working in groups. The five principles of communication are the focus of this course: awareness, verbal communication, non-verbal communication, listening and responding thoughtfully, and adapting messages. The course offers students opportunities for hands-on activities and projects to help prepare for the working world. Projects and activities include group/team building projects, resumé/cover letter writing, professional communication, career conversations, and interviewing. Gaining job acquisition skills is also a major component of this course. Each student will also complete a Career Conversation with a professional in a field of interest. This course also sees students work on thinking independently and expressing those thoughts through written and oral communication practices.

Course Name	Public Speaking
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SCED Code	01156G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	English 9 and English 10
Description	This is an applied English and Communications course that teaches students communication skills—reading, writing, listening, speaking—concentrating on “real-world” applications, specifically public speaking.

Course Name	Creative Writing
SCED Code	01104G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	English 9 and English 10
Description	This course is designed to build an environment where noticeable creative language growth occurs throughout the semester. Students learn the basics of writing multiple different pieces of writing for different genres: short stories, personal narratives, playwriting, reviews, and web article basics. This course also focuses heavily on the writing process which involves idea creation, drafting, revision, and peer reviewing. A writer’s workshop format is used after the basics are learned. Students are able to explore their own creativity through the lens of writing and have choices as to what formats they choose to explore. The workshop format requires not just

	creativity, but also determination, self-discipline, and respect for others while working.
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Course Name	Responding to Modern Topics
SCED Code	01053G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	English 9 and English 10
Description	While taking this course, students will study current events. Although important occurrences spanning the globe will be covered, a special focus will be applied to events in the United States and Iowa in particular. Students will be asked to respond to current events in a variety of assessments, including written reactions, persuasive essays and multimedia projects. Besides covering what is in the news, units will be done focusing on the following areas: Recycling, Wild Animal Conservation, Unsolved Crimes, Politics (with an emphasis on how bills are passed and elections are run), and The Olympics.

Course Name	Publications
SCED Code	11104G10000
Total Credits	2 Credits
Required or Elective	English (Beginning Fall 2025)
NCAA Approved	No
RAI Core Course	No

Prerequisites and/or suggested requirements	English 9 and English 10
Description	Publications is a course where students will gain skills in the following areas: page design, advanced publishing techniques, copywriting, editing, and photography all while producing a creative, innovative yearbook that documents school events and accomplishments to be remembered for years to come. There is an emphasis on journalism skills in this class. Participants will gain useful, real-world skills in time management, marketing, teamwork, budgeting, and design. High quality work is expected with submission of all assignments. Course does require time outside of class to complete certain homework obligations.

Course Name	American Literature
SCED Code	01054G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	English 9 and English 10
Description	As with any high school English/Language Arts course, instruction in this course is designed to help students to develop proficiency in reading, writing, speaking and listening. This course emphasizes skills and strategies for reading, analyzing and writing about works of American literature, with an emphasis on how that literature reflects social and moral issues in the United States during various time periods. Students will be provided with multiple opportunities to articulate their own ideas while analyzing, interpreting and evaluating the ideas of others within the context of American literature. The following units will be covered: Native American literature, Short stories from various American authors, The Civil War, The Vietnam War, and Stephen King.

Course Name	British Literature
SCED Code	01056G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	English 9 and English 10
Description	As with any high school English/Language Arts course, instruction in this course is designed to help students to develop proficiency in reading, writing, speaking and listening. This course emphasizes skills and strategies for reading, analyzing and writing about works of British literature, with an emphasis on how that literature reflects social and moral issues in the United States during various time periods. Students will be provided with multiple opportunities to articulate their own ideas while analyzing, interpreting and evaluating the ideas of others within the context of British literature. The following units will be covered: James Herriot, Roald Dahl, King Arthur stories, various short stories by British authors, and Rudyard Kipling.

Course Name	World Perspectives
SCED Code	01058G05000
Total Credits	1 Credits
Required or Elective	Elective
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	English 9 and English 10

Description	World Perspectives is a course designed to familiarize students with the great ideas of a variety of peoples through time. Students will develop a heightened awareness of and an appreciation for other cultures and worldviews, while at the same time, students will discover the similar experiences that people share from nation to nation and from era to era. Students will be expected to complete several short writing assignments, along with daily homework assignments over the reading. This is a literacy survey course, some of the topics covered will be: world myths and folktales, Chinese/Japanese literature, African literature, Middle East/Ancient literature, Persian/Arabic literature, Indian literature, and a few other genres based upon student interest. This is a discussion-based class and daily/weekly discussion is part of the student's grade.
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Course Name	Advanced Composition
SCED Code	01102E05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	English 9 and English 10 Advanced Proficient in Writing on ISASP *If not Advanced Proficient, other factors may be considered
Description	This course examines and utilizes the formal writing process for summaries, a variety of essays including comparison, classification, definition, evaluation, a book review, a literary analysis, and a research paper using MLA & APA formats. Course includes review of sentence and paragraph structure and grammar usage as necessary. There is also a heavy concentration on vocabulary. This is a recommended college prep class.

Family Consumer Science

Course Name	Child Development 1
SCED Code	19255G05010
Total Credits	1 Credits
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	No Prerequisites
Description	Child Development I studies the physical, social, emotional, and cognitive development from conception through the first year of life. Students are required to take home the “Real Care” baby for one weekend as part of the class requirements. Topics related to child development are also studied such as: male and female reproductive systems, conception, parenting options, preparing for parenthood, and the family life cycle.

Course Name	Child Development 2
SCED Code	19255G05020
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Child Development 1
Description	Child Development 2 begins with toddlers and continues through adolescence. The four types of development (physical, cognitive, emotional, and social) are studied with each age group. Current concerns such as disabilities, child development theorists, early childhood education, and careers are studied throughout the semester.

Course Name	Foods 1
SCED Code	19252G05010
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Soph, Juniors, Seniors
Description	Foods is an introductory course on nutrition and food. You will learn the basics of safety, sanitation, measuring, terminology, equipment, and nutrition. Current concerns and topics will also be discussed. A highlight in the course is the lab experience. Examples of possible lab experiences may include: cookies, homemade pizza, omelets, chicken alfredo, and more!

Course Name	Foods 2
SCED Code	19252G05020
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Foods 1 Soph, Juniors, Seniors
Description	Foods 2 is a continuation of the introductory course. Topics include: convenience foods vs. homemade, cultural influences, small appliances, and meal planning, how to meet customer needs in a culinary setting and the fan favorite: cupcake wars!

Course Name	Clothing & Textiles 1
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SCED Code	19256G05010
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Juniors and Seniors (Cap of 6 students) Supply List: Fabric
Description	Clothing & Textiles 1 is designed to teach sewing skills, machine functionality, body measurements and alterations, and reading and following the instructions given on a pattern. Through proper use of the sewing machine, students will construct samples of sewing techniques, and several garments. Students must provide some of their own materials for this class. Students will cover the basics of textiles, fabric construction and selection for apparel, and introductory sewing skills that are applied in a variety of ways.

Course Name	Clothing & Textiles 2
SCED Code	19256G05020
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Clothing 1 Juniors and Seniors (Cap of 6 students) Supply List: Fabric
Description	Clothing and Textiles 2 builds on the skills learned in Clothing and Textiles 1, offering students the opportunity to refine their sewing techniques and explore more advanced textile projects. This course covers a variety of topics including garment construction, fabric selection, pattern drafting, and the use of specialized sewing equipment. Students will engage in hands-on projects that emphasize creativity, critical thinking,

	and problem-solving in textile design. A focus on fashion trends, textile sustainability, and industry standards prepares students for real-world applications. This class is ideal for students interested in fashion design, interior design, or any career that involves textile and fabric arts.
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Course Name	Home Design
SCED Code	19263G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
Core Course	No
Prerequisites and/or suggested requirements	Sophomores, Juniors, and Seniors
Description	Home Design will provide students with the opportunity to study the color wheel, elements and principles of design, housing styles, and furniture arrangement to create a functional living space. Sample materials will be used to develop a vision board that will meet the needs of a client renovating a space!

Foreign Language

Course Name	Spanish 1
SCED Code	24052G05011
Total Credits	2 Credits
Required or Elective	Elective
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	No Prerequisites
Description	Spanish I is an introductory course to the Spanish language. We will study vocabulary, grammar, and culture utilizing reading, writing and listening skills. This course requires strong memorization skills as we build a foundation of vocabulary and grammar. Recommended for college-bound students, but open to all interested students.

Course Name	Spanish 2
SCED Code	24053G05012
Total Credits	2 Credits
Required or Elective	Elective
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	Spanish 1
Description	This is an intermediate level course designed to continue acquisition of the Spanish language through vocabulary and grammar. Listening, speaking, reading and writing skills will continue to be developed. Culture will be explored through films and projects.

Course Name	Spanish 3
SCED Code	24054G05013
Total Credits	2 Credits
Required or Elective	Elective
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	Spanish 1 and 2 or instructor recommendation
Description	Spanish III is the third level of language instruction that builds on previously learned material and continues with more grammar and vocabulary. Reading, writing and speaking projects will be used to allow the student to explore cultural topics and use the target language authentically. Spanish is spoken exclusively.

Course Name	Spanish 4
SCED Code	24055G05014
Total Credits	2 Credits
Required or Elective	Elective
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	Spanish 1, 2, and 3 or instructor recommendation
Description	Spanish IV explores high intermediate and advanced grammar topics and combines all prior content from previous levels. Reading, writing, listening, and speaking are emphasized through presentations, interpersonal interactions, composition, literature, and other media. Spanish is spoken exclusively.

Health Education

Course Name	Health
SCED Code	08051G05000
Total Credits	1 Credit
Required or Elective	Required
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	None
Description	Health I introduces the students to a variety of Health topics and terminology. This course will help the student to sort out and use reliable information in the health field. The topics covered focus around the Health Triangle and include: healthy choices, mental health, infectious and noninfectious diseases and disorders, personality and behavior, life cycle, medicines and drugs, first aid and safety, and environmental health. Students will learn to differentiate between healthful and harmful behaviors. Through the facts learned in class, the students will have the skills to promote a healthy lifestyle for themselves.

Course Name	Community Health
SCED Code	08053G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Health 1
Description	Community Health covers personal health topics (nutrition, stress management, substance abuse prevention, disease

	prevention, first aid, and so on), but also more general health issues. These additional topics may include (among others) available community resources, fundamentals of the nation's health care system, contemporary world health issues, and career options within the health field.
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Industrial Technology

Course Name	Introduction to ACE
SCED Code	13003G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	
Description	This course is a prerequisite for all other Industrial Technology classes in the North Linn Industrial Technology area. This class is designed to give students a basic introduction and overview of all courses available within the Industrial Technology Department at North Linn. The areas of study include manual drafting, computer aided drafting and design, blueprint reading, construction of a model building or a wall and roof section, woodworking, sheet metal layout and forming, as well as an energy and power unit involving CO2 cars. Students will spend approximately three to four weeks per unit. All units include safety, hands-on work, and a project. Most assessments are done in class and are based on work completed, 21st century skills, employability skills, and other skills as determined by the instructor.

Course Name	Construction Materials Processing
SCED Code	13054G05011
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or	Introduction to ACE-preferred

suggested requirements	
Description	This course is designed to give students an introduction to the basic study of woodworking, construction, and the tools used. Students will be focusing on shop safety, machine operation, and hand tools. Students will also learn about specific types of wood, wood joinery, machinery, equipment, and other woodworking terminology. A required quarter long project is made by each student where they will use most of the machines in the woodshop area. Students will learn how to make a set of working drawings, a materials list, plan of procedure, and a bill of materials for each project completed. Students will choose between the following for their second quarter project; CNC router designed project, wood lathe project, or dovetail box project. Students are responsible for the cost of any project. If this may be a problem, be sure to talk to the teacher ahead of time. The third and final project is a Construction Materials Processing Personal Project. Students will use a majority of the second quarter to design, construct, and finish. This project has guidelines to follow but allows students ample control of the project design topic, design, and style. Most assessments are done in class and are based on work completed, 21st century skills, employability skills, and other skills as determined by the instructor.

Course Name	Advanced Construction Materials Processing
SCED Code	13054G05021
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Construction Materials Processing

Description	This course is designed for students who show advanced skills in woodworking. They may be planning to make a career in the woodworking, cabinets making, finish carpentry, or construction area. Students will use their skills to plan, design, and construct an individual project or project depending on the size. Students are responsible for the cost of all projects. If this may be a problem, be sure to talk to the teacher ahead of time. All projects are subject to instructor's approval and guidelines. Students will revisit how to make a set of working drawings, a materials list, plan of procedure, and a bill of materials for each project completed as well as 3D drawings. Students are required to make at least one project using the dovetail jig, CNC router, or wood late. The idea is for students to build either one large semester long project or break that into two smaller projects that equal one project per quarter. Most assessments are done in class and are based on work completed, 21st century skills, employability skills, and other skills as determined by the instructor.
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Course Name	Construction Technology
SCED Code	17002G05010
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Intro to ACE and Construction Materials Processing
Description	This course is designed to give students an introduction to construction systems in today's society. Students will be responsible for the construction of group project(s) built throughout the semester. The project(s) will be determined by the needs and wants of the class, community, and school district as well as the experience of the classmates involved. Examples of the types of projects may include but are not limited to: concrete work including sidewalks or patios, shelters, dog houses, school projects, portable utility sheds or garden

	sheds, and portable deer blinds. There will be a wide range of topics from concrete construction, rough framing construction, roofing construction, interior construction, electrical, HVAC, fine finish carpentry, and other skills within the construction field. Should specific projects not be available, students will still have access to a module style of learning. For example, students might be able to learn how to apply roofing materials on a small movable portion of a roof that is in the North Linn shop. Or they may be able to learn how to wire up common household outlets, lights, and switches in a mock wall design. Most assessments are done in class and are based on work completed, 21st century skills, employability skills, and other skills as determined by the instructor.
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Course Name	Introduction to Welding
SCED Code	13055G05011
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Intro to ACE
Description	This course is designed to give students an introduction to the basic studies of metalworking and welding. This course also gives an overview of the practical and usable metal working techniques that may be further excelled and used around the house, farm, or on the job. Basic units to be covered by each student include: shop safety, hand tools, sheet metal layout & forming, shielded metal arc welding (SMAW), gas metal arc welding (GMAW), oxy-acetylene welding (OAW), and oxy-acetylene cutting (OAC) and plasma arc cutting (PAC). Time permitting: students may build a small metals project. Students will use their skills to plan, design, and construct a small individual project. Students are responsible for the cost of

	that project. If this may be a problem, be sure to talk to the teacher ahead of time. Most assessments are done in class and are based on work completed, 21st century skills, employability skills, and other skills as determined by the instructor.
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Course Name	Manufacturing Materials Processing
SCED Code	13055G05021
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Introduction to Welding
Description	This course is designed for students who show advanced skills in metalworking and manufacturing. They may be planning a career in the metals or manufacturing areas such as a machinist, tool and die maker, pipe fitter, welder, sheet metal worker, factory worker, commercial construction worker, with many other career options available. Students will use their skills to plan, design, and construct an individual project. The student will be responsible for the raw material costs of this project however they have access to all of the Industrial Technology Department tools and equipment. This project may be built so long as it meets the instructor's guidelines. Students will learn how to make a set of working drawings, a materials list, plan of procedure, and a bill of materials for each project completed, as well as design a 3D drawing of what the project will look like. Students will be required to complete a welding unit focusing on TIG welding. There are chapters and specific welds to be completed in order to complete the unit. The student will use this to weld mild steel as well as aluminum. Students will also be required to complete a foundry and metal lathe unit where they are responsible for the construction of an

	aluminum hammer with uses of the foundry and the metal turning lathe for project production. Most assessments are done in class and are based on work completed, 21st century skills, employability skills, and other skills as determined by the instructor.
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Course Name	Advanced Manufacturing Materials Processing
SCED Code	13055G05012
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Introduction to Welding & Advanced Manufacturing Materials Processing
Description	This course is designed for students who show advanced skills in metalworking and manufacturing. They may be planning a career in the metals or manufacturing areas such as a machinist, tool and die maker, pipe fitter, welder, sheet metal worker, factory worker, commercial construction worker, with many other career options available. Students will use their skills to plan, design, and construct an individual project. The student may be responsible for the raw material costs of this project however they have access to all of the Industrial Technology Department tools and equipment. This project may be built so long as it meets the instructor's guidelines. Students will learn how to make a set of working drawings, a materials list, plan of procedure, and a bill of materials for each project completed, as well as design a 3D drawing of what the project will look like. Students will be required to complete an Occupational Safety and Health Administration (OSHA) 10 hour General Safety and Health course through an online module called CareerSafe.

	Upon completion, students will receive an official OSHA 10 hour card recognized across many industries and trades. Students will be required to complete a welding unit focusing on aluminum TIG or GTAW welding. There are chapters and specific welds to be completed in order to complete the unit. Students will complete a series of weldments on aluminum. Students will also be required to design and build a custom metal casting or foundry pattern. They will construct a prototype of a part using a variety of tools and equipment which may include a CNC router, 3D printer, and other equipment necessary. Students will use the pattern to pour a unique aluminum mold of their design. Most assessments are done in class and are based on work completed, 21st century skills, employability skills, and other skills as determined by the instructor. Students successfully completing this course may consider enrolling in the Kirkwood Advanced Manufacturing and Welding Academy offered and the Linn County Regional Center and Main Campus.
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Course Name	Production
SCED Code	13101G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Senior
Description	This course is designed to give students an understanding of the world of business and the process of producing a product from design, production and sales. Students will use a business plan and design process to research, design, construct, build, market, and sell a product to a specific demographic. Students will work in a team while using prior knowledge of measurement, shop math, shop safety, wood and construction

	and/or metal identifications, most hand tool and machinery operations, joinery and other detailed shop processes. Students will be producing a product as a team to market and sell. Profits from the sale of the product produced will be put back into the North Linn SkillsUSA account. Most assessments are done in class and are based on work completed, 21st century skills, employability skills, and other skills as determined by the instructor.
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Course Name	Automotive Maintenance and Small Engine
SCED Code	20106G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	
Description	This course is designed for students interested in learning how to maintain and service an automobile. They will learn how to change oil and filter as well as other lubricants, changing tires, spark plugs, winterizing, and other common routine maintenance procedures. Other topics that may be discussed include electrical systems, powertrain systems, brake systems, and carburetion systems. Students should have access to an automobile to perform these procedures throughout the semester. This class is a good course for <i>anyone</i> who drives an automobile. <i>(Note: Students not having a car of their own may still take the class, but are responsible for having or getting a vehicle to perform certain tasks on/with for credit.)</i> Students will also have an opportunity to learn the care, operation, adjustment, and repair of small 2-cycle and/or 4-cycle engines. These small engines are present on all types of equipment from lawn mowers, go-karts, weed eaters, chain saws, four wheelers, dirt bikes, and other small equipment from around the house or farm. Students will be encouraged but not

	required to have a small engine to work on or re-build during class; if possible a Briggs & Stratton, because of the service manuals we have available to us, but students are not limited to this particular brand. Most assessments are done in class and are based on work completed, 21st century skills, employability skills, and other skills as determined by the instructor.
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Course Name	Architectural Plans and Specs- Concurrent with Kirkwood
SCED Code	21108C05000
Total Credits	1 Credits
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	
Description	This dual credit course introduces the skills and methods for reading, understanding, and interpreting construction drawings, blueprints, and technical specifications for residential and commercial buildings. This course will have an online component that follows directly with Kirkwood Community College. Knowledge of a computer will be necessary for all testing and daily classroom activities. Most assessments are done in class and are based on work completed, 21st century skills, employability skills, and other skills as determined by the instructor. <i>Students will receive three college credits after successful completion of this course through Kirkwood Community College.</i>

Course Name	Architectural Modeling- Concurrent with Kirkwood
SCED Code	21102C05011

Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Architectural Plans & Specs
Description	This dual credit course is designed to give students an introduction to construction concepts through a 3D design program called SketchUp. Students will learn how to build individual parts as well as entire systems within the construction world. Students build a virtual 3-D world of construction parts on a computer screen. Eventually, these parts are put together to build major construction systems like a house or commercial building from foundations to roof systems. This class also introduces the materials, methods, and terminology used in modern construction. The class is computer based and focuses on general knowledge in a broad range of systems and the coordination requirements between those systems. This course will also have an online component. Knowledge of a computer will be necessary for all testing and daily classroom activities. Most assessments are done in class and are based on work completed, 21st century skills, employability skills, and other skills as determined by the instructor. <i>Students will receive three college credits after successful completion of this course through Kirkwood Community College.</i>

Mathematics

Course Name	Algebra Supports
SCED Code	02001B05010, 02001B05020
Total Credits	2 Credits (Elective Credits only-not Math credit) Pass/Fail for grading
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Teacher recommendation. <i>This class does not meet core requirements for college entrance.</i>
Description	The Algebra Support materials are designed to help students who, for many possible reasons, need more support than it is possible to provide in their Algebra 1 course. These materials review or establish skills, understandings, and mathematical connections to put students in a better position to be successful in Algebra 1. Each Extra Support lesson is associated with a lesson in the Algebra 1 course. The intention is that students experience each Extra Support lesson <i>before</i> its associated Algebra 1 lesson. The Extra Support lesson helps students learn or remember a skill or concept that is needed to access and find success with the associated Algebra 1 lesson.

Course Name	Algebra I
SCED Code	02052G05010
Total Credits	2 Credits
Required or Elective	Meets Math Requirement for Graduation
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	

Description	Student involvement and methods in Algebra I include problem solving, practical applications, computers, calculators, reading, integrated reinforcement, science, and goals aligned with the National Math Standards, topics covered include fundamental Algebra concepts, linear operations, exponents, graphing, polynomials, systems, quadratic equations, and functions.
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Course Name	Geometry
SCED Code	02072G05010, 02072G05020
Total Credits	2 Credits
Required or Elective	Meets Math Requirement for Graduation
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	Algebra I
Description	During the course of the year, you will learn and use constructions/rigid transformations, congruence, similarity, right triangle trigonometry, solid geometry, coordinate geometry, circles, conditional probability. You will be learning how to write a variety of proofs, do constructions, work with area, volume, and many other formulas with two-dimensional and three-dimensional objects.

Course Name	Algebra II
SCED Code	02056G05010, 02056G05020
Total Credits	2 Credits
Required or Elective	Meets Math Requirement for Graduation
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	Algebra I and Geometry

Description	Algebra I, Geometry, and Algebra II are usually required for college admission. Students will learn and use sequences/functions, polynomials/rational functions, complex numbers/rational exponents, exponential functions/equations, transformations of functions, trigonometric functions, and statistical inferences. Within the classroom activities, students have opportunities to engage in aspects of mathematical modeling and the goals are aligned with the National Math Standards.
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Course Name	Algebra II with Trigonometry
SCED Code	02106G05010, 02106G05020
Total Credits	2 credits
Required or Elective	Meets Math Requirement for Graduation
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	Algebra I and Geometry
Description	Trigonometry/Algebra courses combine trigonometry and advanced algebra topics, and are usually intended for students who have attained Algebra I and Geometry objectives. Topics typically include trigonometric and circular functions, inverses, and graphs; trigonometric identities and equations; solutions of right and oblique triangles; complex numbers; numerical tables; field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; modeling linear, quadratic, exponential, and trigonometric data; and properties of higher-degree equations.

Course Name	AP Pre-Calculus
SCED Code	02114E10000
Total Credits	2 credits

Required or Elective	Meets Math Requirement for Graduation
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	Algebra II or Algebra II with Trigonometry
Description	AP Pre-Calculus is a study of advanced math topics beyond Algebra. Included are linear, power, rational, exponential, and logarithmic functions, trigonometry, systems of equations, vectors, sequences, series, probability, statistics, and an introduction to calculus. At the completion of the class, students will have the opportunity to take the AP Pre-Calculus Test for college credit.

Course Name	Statistics
SCED Code	02201G05000
Total Credits	1 credit
Required or Elective	Meets Math Requirement for Graduation
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	Algebra II
Description	This class is the study of basic statistics and probability. Some topics included are: analyzing data, representing data in different types of charts and tables, measures of central tendencies, regression lines and correlations, combinations, permutations, and an intense study of probability.

Course Name	AP Calculus AB
SCED Code	02124E10000
Total Credits	2 Credits
Required or Elective	Meets Math Requirement for Graduation

NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	AP Pre-Calculus or Algebra II with Trigonometry
Description	This course is a study of advanced math concepts. The main focus of the course will be limits, derivatives, and integrals of elementary functions and their applications. This class is recommended for students planning to take math, science, or engineering in college. At the completion of the class, students will have the opportunity to take the AP Calculus Test for college credit.

Course Name	Financial Literacy- Will not be offered 2025-2026
SCED Code	02157G05000
Total Credits	1 Credit
Required or Elective	Elective or Financial Literacy Requirement
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	
Description	This course will teach students basic math concepts that they will use in their daily adult lives. Topics include: Taxes, Checking and Savings, Credit and Loans, Managing Credit, and Insurance.

Physical Education

Course Name	Physical Education
SCED Code	08001G05000
Total Credits	1 Credit
Required or Elective	Required
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	No
Description	Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

Course Name	Physical Education Weight Training
SCED Code	08009G05000
Total Credits	1 Credit
Required or Elective	Required
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	No
Description	Weight Training courses help students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning; they may include other components such as anatomy and conditioning.

Science

Course Name	Physical Science
SCED Code	03159G05010, 03159G05020
Total Credits	2 Credits
Required or Elective	Required
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	None
Description	Physical Science is a required course. This course emphasizes basic concepts of the scientific method, chemistry, physics, and earth science as they apply to life events as well as an introduction and background for upper level physical science coursework. Specific topics covered include: measurement, laws of motion, energy and work, thermal energy, properties of solids, liquids and gasses, the composition and classification of matter basic to chemistry, sound and light, electricity, and the formation of the earth and our solar system. Laboratory work and demonstrations are associated with the above topics. Some basic mathematical calculations relative to course topics are included throughout the year.

Course Name	Biology
SCED Code	03051G05010, 03051G05020
Total Credits	2 Credits
Required or Elective	Required
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	Physical Science or recommendation from MS Science Teacher

Description	Biology is the study of living things, with an emphasis and appreciation for all life and how living things interrelate. 1st semester: Students learn universal science skills, cell structure and function, and the flow of matter and the energy from the environment to organisms and back. 2nd semester: Students learn inheritance and variation of traits and how the ecosystem influences natural selection of those traits which can lead to evolution of organisms.
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Course Name	Chemistry
SCED Code	03101G05010, 03101G05020
Total Credits	2 Credits
Required or Elective	Science Elective
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	Physical Science and Biology Algebra 1
Description	Chemistry reaches into almost every area of our lives. As we increasingly become dependent on technology, more decisions will involve scientific concepts and consequences. Chemistry is a study of the substances in our world, what they are made of and how they act and interact with each other. The purpose of this course is to help students learn the basic concepts of chemistry to prepare them for future technical or college programs which require an understanding of the fundamentals of chemistry. The first semester topics include properties of matter, the periodic table, atomic and molecular structure, and common elements, compounds, and their formulas. The second semester topics include chemical measurement and calculation, chemical formulas and equations, calculations involving molecular mass, solutions, equilibrium, acid-base concepts, oxidation reduction reactions, qualitative analysis, and an introduction to organic chemistry.

	Laboratory work and demonstrations are associated with the above topics. Carefully check your future college course requirements regarding required and recommended science courses.
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Course Name	Physics
SCED Code	03151G10000
Total Credits	2 Credits
Required or Elective	Science Elective
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	Physical Science and Biology Algebra 1
Description	A study of physics and its applications is basic and vital to all students, whatever their educational goals. This course also provides students with a background for technical or college programs which require an understanding of the fundamentals of physics while still providing an opportunity for the general education student to learn the basic science principles in this area of physical science. Many lab activities and demonstrations relating to everyday applications of physics supplement the solving of problems related to the various physics topics. The first semester topics include: force and motion, work, power, energy, heat and temperature. The second semester topics include: wave motion, sound, light, reflection and refraction, electrostatics, direct and alternating current electricity, astrophysics, and selected astronomy topics.

Course Name	Human Anatomy and Physiology
SCED Code	03053G10000
Total Credits	2 Credits

Required or Elective	Science Elective
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	Biology
Description	1st semester: Introduction to anatomy and physiology terms and concepts, cell processes, integumentary, skeletal, muscular, and nervous systems. 2nd semester: Senses, Cardiovascular and blood, reproductive, digestive, and respiratory systems. The dissection of some organs will take place during the second semester. Students focus on learning how each system contributes to the homeostasis of humans by learning parts and processes in each system. Students who take this course typically go into a health field or have interest in learning more detailed information about the human body.

Course Name	AP Biology
SCED Code	03056E10000
Total Credits	2 Credits
Required or Elective	Science Elective
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	Biology
Description	This course is designed to be the equivalent of a college introductory biology course usually taken by biology majors covering four big ideas. Big Idea 1: Evolution Big Idea 2: Cellular Processes: Energy and Communication Big Idea 3: Genetics and Information Transfer Big Idea 4: Interactions

	AP Biology is designed to be taken by students after successful completion of courses in high school Biology and Chemistry. Students may choose to take the AP exam to possibly receive college credit.
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Course Name	Environmental Science
SCED Code	03003G10000
Total Credits	1 Credit
Required or Elective	Science Elective
NCAA Approved	No
RAI Core Course	Yes
Prerequisites and/or suggested requirements	Must be a Junior or Senior
Description	This course will cover major environmental issues. Topics will include local plants and animals, ecosystems, endangered species, conservation of natural resources, pollution and population. Consideration will be given to both the history of the environmental movement as well as current topics.

Course Name	Forensic Laboratory Science
SCED Code	03214G05000
Total Credits	1 Credit
Required or Elective	Science Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Must be a Junior or Senior
Description	Forensic Laboratory Science involves the application of biological, chemical, and physical science principles to data and physical evidence related to evidence collection and analysis. This course focuses on the application of scientific

	knowledge and scientific principles to collect, preserve, and analyze evidence in a laboratory setting. Topics may include but are not limited to entomology, forensic anthropology, serology, and fingerprinting.
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Social Studies

Course Name	Community and Service Learning
SCED Code	22104G05000
Total Credits	1 credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	
Description	Curriculum will center on acknowledging and studying community needs and taking an active role in developing contacts with community organizations, businesses, city government, and citizens. Class time will be devoted to developing service projects, which will not only enhance students' knowledge of community needs, but will also allow students to actively participate in community functions.

Course Name	Contemporary Issues
SCED Code	04064G05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	
Description	Contemporary Issues will focus on current events both nationally and internationally. Students will view various news programs throughout the course while focusing on specific themes throughout the semester. Themes will focus on both national and worldwide trends. Possible themes for discussion are: The American Family, Violence in America, Professional Sports in America, International Relations, The Environment,

	Issues in the Workplace, Teens and Alcohol, Teens and Drugs, Gambling, Role Models in America and Abroad, Abuse, Teenage Pregnancy, and others. Grading will be determined by student awareness of the issues and news discussed in class, therefore attendance will be very important to be successful in this class.
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Course Name	World History
SCED Code	04051G05000
Total Credits	1 Credit
Required or Elective	SS Elective
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	
Description	World History will include the study of prehistory: The First Humans, The River Valley Civilization, Ancient Greece, Rome and the Rise of Christianity, The World of Islam, World Religions, Emerging Europe and the Byzantine Empire, Europe in the Middle Ages, The Age of Exploration, Crisis and Absolutism in Europe, The East Asian World, Revolution and Enlightenment, French Revolution and Napoleon. Students will present multiple papers and projects to the class.

Course Name	WW II History
SCED Code	04110G05000
Total Credits	1 Credit
Required or Elective	SS Elective
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	

Description	The study of WWII and major military conflicts in which the United States had a significant role, which concentrates on one of many topics related to war, including the causes; U.S. involvement; and social, political, and economic effects.
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Course Name	American History
SCED Code	04101G05010, 04101G05020
Total Credits	2 Credits
Required or Elective	Required
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	
Description	This course is based on discussion and analysis of historical events that took place in the United States from 1865 to present, beginning with the reconstruction of the Union following the end of the Civil War. Additional topics will include: 1. Patriotism and Allegiance to a Country and its Veterans 2. Westward Expansion/The Rise of Industry/An Urban Age 1860 to 1900 3. Imperialism 1967 to 1908 4. World War I Era 1914 to 1920 5. The Decade of Normalcy 1920 to 1929 6. The Great Depression 1928 to 1938 7. World War II Era 1933 to 1945 8. The Cold War 1945 to 195 9. The Civil Rights Era/Vietnam Era 1954 to 1975 10. Camelot to Watergate 1960 to 1975 11. Search for Solutions 1976 to 1992

	12. Toward a New Century 1992 to present Emphasis will be placed on the cause and effect of each historical event. An attempt will be made to analyze the significance of each event as it relates to modern day events.
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Course Name	Geography
SCED Code	04001G05000
Total Credits	1 Credit
Required or Elective	Required
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	
Description	Geography teaches students about the world in which they live. It focuses on space, resources, and people. In this course students will practice basic map skills. A great deal of emphasis will be placed on teaching basic principles and concepts that will allow students to move to a higher, more concentrated level of Geography study. Geography will also study such things as population distribution, resources of various areas, and their uses, transportation and communication, and the impact of people on their environment. Students will gain exposure to the geographic development of the United States, Canada, and other countries. Students will also learn to use maps and graphs to gain a better understanding of Geography.

Course Name	Government
SCED Code	04151G05000
Total Credits	1 credit
Required or Elective	Required
NCAA Approved	Yes
RAI Core Course	Yes

Prerequisites and/or suggested requirements	12th grade preferred, 11th grade upon approval
Description	This course covers the major function of the different levels of government. Units dealt with are: The Constitution, The Executive, Legislature, Judiciary branches of government, the Democratic Process of elections and voting, State and Local government, financing government, and U.S. Foreign relations. The basics of government and the political processes involved are stressed, as well as keeping up on current affairs in the U.S. and the world. Students will write two or three papers and present these papers to the class and teacher.

Course Name	Psychology
SCED Code	04254G05000
Total Credits	1 credit
Required or Elective	SS Elective
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	
Description	Students will examine the behavior of human beings in an attempt to better understand human behavior. A study of psychology will provide an appreciation of the ways in which the general methods of science can be applied to problems of behavior. As a consequence of their study of psychology students will be likely to accept the sweeping claims and generalizations about human behaviors that are generally made. Students will learn to recognize that many of the motives they attribute to others are really reflections of their own needs and values. As students progress in their study of psychology, they should emerge with an ever increasing appreciation for dignity and importance of man.

Course Name	Sociology
SCED Code	04258G05000

Total Credits	1 Credit
Required or Elective	SS Elective
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	
Description	Sociology is the study of man and his interrelationship with his fellow man. It covers how different societies and peoples interact within the main focus of American society. Topics dealt with shall include man and his culture, the family system, the political system, economic system, the class system and the merging of all these systems to form what we know as the "Human Society".

Course Name	Economics
SCED Code	04201G05000
Total Credits	1 Credits
Required or Elective	SS Elective or Financial Literacy Requirement
NCAA Approved	Yes
RAI Core Course	Yes
Prerequisites and/or suggested requirements	
Description	Economics is the study of how human beings satisfy or attempt to satisfy their unlimited wants with the ever decreasing supply of available resources. Units covered include: (1) production of goods and services (2) distribution of goods and services (3) price determination (4) income distribution (5) money, credit, and banking (6) supply and demand and how they relate to one another. Students will write research papers and present these papers to the class and teacher.

Visual Art Education

Course Name	Art I
SCED Code	05151G05011, 05151G0521
Total Credits	2 Credits
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	No Prerequisites
Description	The best place to develop your creativity and powers of expression is the art room. Let the imaginative side of yourself discover the excitement of the visual arts. Introduction to Art is the beginning course where we explore various drawings and painting mediums and techniques associated with them. We will also work with 3-dimensional materials.

Course Name	Art II
SCED Code	05154G05012, 05154G05022
Total Credits	2 Credits
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Art I
Description	Art II is a course primarily concerned with the continuation of working with and learning how to manipulate 2-dimensional and 3-dimensional media. Students will start to utilize their own knowledge while working with each material and incorporate their own life experiences within their artwork.

Course Name	Art III
SCED Code	05154G05013, 05154G05023
Total Credits	2 Credits
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Art I and Art II
Description	Art III is primarily concerned with encouraging students to develop their own personal imagery and find a voice as an artist. This class focuses on experimentation in as many different media areas as possible. Students are asked to develop projects above and beyond the required expectations.

Course Name	Art IV
SCED Code	05154G05014, 05154G05024
Total Credits	2 Credits
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Art I, II, and III
Description	Art IV is an individual based project oriented course. The course is designed to offer to the student assistance in pursuing an art career or other art related endeavors. During the year we focus on areas such as portfolio preparation, scholarship awareness, and compositional techniques.

Course Name	Advanced Independent Art
SCED Code	05197G05014, 05197G024

Total Credits	2 Credits
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Art 1, II, III Teacher Recommendation
Description	The ideas and material covered in this class are completely subject to the student taking the course. Teacher recommendation is the only way to enter this course.

Vocal Music

Course Name	Vocal
SCED Code	05110G10000
Total Credits	2 Credits
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	No Prerequisites
Description	Vocal Music, or Choir, involves students 6th-12th grade. Students may begin choir in 6th grade, but can join at any point. During the course of the year, students will study the fundamentals of music, music theory, aural skills, and singing in multiple genres that generally advance in difficulty to further their understanding of vocal music. Choir is an academic, as well as performance based class. There are many opportunities for grades, including in class work and written assessments. Students will take 5 lessons per quarter outside of class time, as well as participate in many of the activities listed below. 1st. Semester: - All State Auditions, Camps, and Performance - National Anthem at Sporting Events - Veterans Day Performance - HS Musical (audition based) - Tri-Rivers Conference Vocal Festival - Other Vocal Festivals/opportunities are also available - Winter Concert - Possible Christmas Caroling in the community 2nd Semester: - Jazz Choir (audition based) - Variety Show (audition based) - Solo Ensemble- large group and individual options - Large Group Competition - Spring Concert - Graduation - Music Department Trip- this is not every year, and location changes per trip

Instrumental

Course Name	Instrumental
SCED Code	05101G10000
Total Credits	2 Credits
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	
Description	Instrumental music involving woodwind, brass, and percussion instruments. Students can begin band in 5th grade but can join at any time in high school. This is a co-curricular class that meets every day for a class period but also has concerts and other performances outside of the school day. Band students also must come to lessons outside of regular class time. Fall-Marching Band and performance at football games Winter-Jazz Band Spring-Solo and Ensembles Summer- Memorial Day performances and band camp

College/Career Readiness

Course Name	How College Works--Concurrent with Kirkwood
SCED Code	22003C05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	
Description	Explores individual strengths, strategies for solidifying personal responsibility, college readiness/academic success strategies, and career readiness/vocational goals for students as they identify a college program or major. Emphasizes differences between high school and college expectations. Identifies appropriate career areas. Offers aids in taking and using placement tests for college admission and personal financial management. <i>Students will receive three college credits after successful completion of this course through Kirkwood Community College.</i>

Course Name	Exploring Teaching--Concurrent with Kirkwood
SCED Code	19151C05000
Total Credits	1 Credit
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	
Description	Introduces the rewards, challenges, roles and responsibilities of beginning teachers and paraeducators. Develops generic teaching skills applicable from preschool through high school.

	Utilizes micro-teaching to simulate actual teaching situations, and discusses common teaching problems through case studies. Includes 10 hours of hands-on service learning in a K-12 classroom. Meets part of the requirement for the Iowa Paraeducator Generalist Certification. <i>Students will receive three college credits after successful completion of this course through Kirkwood Community College.</i>
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Course Name	Workplace Experience
SCED Code	22998G05000
Total Credits	1 Credit per semester
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	11th or 12th grade students
Description	Workplace Experience provides students with work experience in a field related to their interests. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace. Students are required to turn in an approval form with the necessary signatures before being permitted to register and will work with the school counselor to develop a plan to turn in timesheets for time spent with the student's workplace experience. Students must be registered for four other courses, with Workplace Experience being the fifth course each semester.

Course Name	Pre-Apprenticeship/Apprenticeship
SCED Code	22904G05000
Total Credits	1 Credit per semester

Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	Reserved for 12th grade students. Apprenticeship applications open up each spring and students go through a rigorous application and interview process in order to be chosen for the program. Students can also be granted Pre-Apprenticeship if they are in the process of taking the Apprenticeship License for a trade and are working hours in that same trade.
Description	Grant Wood AEA, Kirkwood Community College, Iowa Workforce Development, and Kirkwood Workplace Learning Connection have partnered to create real life experiences for high school students wanting to jump-start their career through this apprenticeship program. Students begin coursework while in high school, partner with an employer to get valuable on the job training, learn key skills in a high demand career, and complete the program with a nationally recognized credential. Students are given time in their North Linn schedule to help complete some of the apprenticeship hours.

Course Name	Internship
SCED Code	12098G05000
Total Credits	1 Credit per semester
Required or Elective	Elective
NCAA Approved	No
RAI Core Course	No
Prerequisites and/or suggested requirements	11th or 12th grade students
Description	Internship is coordinated either through the North Linn WBL program or by Workplace Learning Connection. Internships require working 45-90 hours over the course of the academic term, and can be completed during the summer. The internship application is a vetted process with an application and

	interview. High school juniors and seniors who participate in the internship program earn dual credit through Kirkwood Community College and their local high school. They experience career exploration onsite with a business/organization while learning professional development with WLC. Not all students are accepted into the program. Workplace Learning Internship Application Internship in Education: 90 hours spent in an elementary or early childhood education classroom with a capstone activity
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