

ROBINSON HIGH SCHOOL



"Students of Robinson CUSD#2 schools will have the skills needed to be successful and productive citizens in a constantly changing, diverse world."

2023-2024

REGISTRATION GUIDE

This handbook has been prepared for your use and reference as you plan your high school career. With help from your parents, counselor, and teachers, you will understand credits, learn about graduation and college requirements, and be able to make well-informed decisions when planning your high school education.

CREDITS: 29 CREDITS

1. MINIMUM REQUIREMENTS

- 4 credits in English *Note: All Juniors will be required to take 1 credit of English
- 3 credits in Science
- 3 credits in Math
- 3 credits in Social Studies: students must pass American History and Civics and Economics of the U.S.
- 3 additional credits in core classes (includes English, Math, Science, Social Studies)
- ½ credit in Health Education
- ½ credit in Consumer Education
- 1 credit in applying Computers
- 2 credits in Fine Arts, Foreign Language, or Vocational Education
- 4 credits in Physical Education

2. PROMOTION, PLACEMENT, AND RETENTION

A student's progress toward graduation and receiving a diploma is determined by completing required coursework and earning the necessary credits. A student is only promoted at the end of the school year when the necessary requirements are met or the student has completed the goals and objectives of an Individualized Education Plan (I.E.P.). It is the student's responsibility to keep in contact with his/her counselor and teachers to ensure that all requirements are being met. Credit in a course will be given upon successful completion of the course.

To be classified by grade, students must have earned the following credits:

- 5 credits to be in grade 10.
- 13 credits to be in grade 11.
- 21 credits to be in grade 12.

3. CREDIT REQUIREMENTS FOR TRANSFERS

	Credits		Credits
FRESHMEN		JUNIOR	
Enroll Semester 2	29	Enroll Semester 1	25
		Enroll Semester 2	24
SOPHOMORE		SENIOR	
Enroll Semester 1	28	Enroll Semester 1	23
Enroll Semester 2	27	Enroll Semester 2	23

4. CREDIT RECOVERY OPTIONS

a. Robinson High School will accept only 2 credits of credit recovery for those students who have a credit deficiency and are in danger of not meeting graduation requirements. Credit recovery classes must be taken through an accredited program and approval must be gained from the Principal or a School Counselor. Fees for these courses are the responsibility of the student and/or their parents. Students will agree to work on credit recovery only at school during CCR and attend two after school sessions each month. Continuous progress must be made in the additional credit recovery courses in order to remain eligible for the supplemental opportunity.

b. When available, summer school classes may be used to achieve a passing grade in a course with a semester grade of 50% or more.

c. Summer school should be attempted to recover credit. Placement in the failed course the following school year is not a guarantee. During the school year because of class sizes, students that are attempting a class for the first time will be given priority.

All graduation requirements must be met before participating in the graduation program.

EXPECTATIONS FOR OFF CAMPUS COURSES:

In order to take an off campus class students must pass all of their classes. RHS students that have met the requirements to leave campus are expected to represent themselves and RHS to a high standard. Off-campus courses are a privilege. RHS Administration reserves the right to remove a student from any off-campus course if behavior expectations are not being met or a severe infraction of RHS policy has occurred at RHS or during an off-site class.

Dual Credit Courses Offered at Robinson High School

<u>RHS Course</u>		<u>Corresponds with at IECC</u>
Calculus	MTH 1171	Calculus & Analytic Geometry 1
College Algebra	MTH 1102	College Algebra
Trigonometry	MTH 1105	Trigonometry
Composition 1	ENG 1111	Composition 1
Composition & Analysis	ENG 1121	Composition & Analysis
Speech	SPE 1101	Fundamentals of Effective Speaking
Advanced Chemistry	CHM 1120	General Chemistry 1
Advanced Biology	LSC 1101	General Biology 1
Anatomy & Physiology	LSC 2111	Human Anatomy & Physiology I
Physics	PHY 1120	General Physics 1
Spanish 1	SPN 1111	Elementary Spanish 1
Spanish 2	SPN 1121	Elementary Spanish 2
CAD-Solidworks 2	CAD 1210	Computer Aided Drafting 1
Care & Learning Services Occupations/Management	ECD 1202	Childhood Teaching Techniques 1

Minimum high school course requirements for admission to Illinois public universities:

English: 4 credits

Math: 3-3 ½ credits

Science: 3 credits

Social Studies: 3 credits

Foreign Language: 2 credits are required at most state universities. The University of Illinois at Champaign requires 3 years of foreign language in most departments. The schools of Liberal Arts and Sciences and Commerce and Business Administration require 4 years of foreign language for graduation.

Keep in mind that these are minimum requirements and that each student is responsible for checking with a counselor for the admission requirements of particular institutions. Students who plan to attend a community college before transferring to a four-year university are usually expected to follow these guidelines as well. Students planning to attend a community college for a one-year certificate or a two year applied science degree are not required to follow these requirements.

Please refer to State Universities in Illinois-At-A-Glance or college catalogs for specific admission requirements.

USEFUL COLLEGE PLANNING WEBSITES

COLLEGE PLANNING

Illinois Student Assistance Commission (ISAC).....www.isac.org
College Board Big Future.....collegeboard.bigfuture.org

FREQUENTLY REQUESTED COLLEGE SEARCHES

Southern Illinois University at Carbondale.....www.siu.edu
Southern Illinois University at Edwardsville..... www.siu.edu
Eastern Illinois University..... www.eiu.edu
Illinois State University www.illinoisstate.edu
Indiana State University..... www.indstate.edu
Vincennes University..... www.vinu.edu
University of Southern Indiana..... www.usi.edu
University of Illinois Urbana/Champaign.....www.illinois.edu
Illinois Eastern Community Colleges (LTC, WVC, OCC, Frontier)..... www.iecc.edu
Parkland www.parkland.edu
Lakeland..... www.lakeland.cc.il.us
Ivy Tech..... www.ivytech.edu

COLLEGE ENTRANCE EXAMS (SAT free to juniors during state testing)

ACT www.actstudent.org
SAT www.studentcollegeboard.org

DISTANCE LEARNING/CORRESPONDENCE INFO

Illinois Virtual School..... www.ilvirtual.org

SCHOLARSHIP SEARCH

Illinois Student Assistance Commission.....www.isac.org
FASTwebwww.FASTweb.com
CSS/Financial Aid Profilewww.collegeboard.org

FINANCIAL AID

Federal Student Aidstudentaid.gov
ISAC (for Illinois students)www.isac.org
FAFSA..... www.fafsa.ed.gov
FSAID.....fsaid.ed.gov

COMMUNITY COLLEGE TRANSFER

i Transfer www.iTransfer.org

RHS ENGLISH DEPARTMENT
COURSE PREREQUISITES AND SEQUENCES

Enriched English I or English I, Enriched English II or English II, and Enriched English III or English III are required courses. For the required fourth credit of English, the students may choose from English IV or College English I. Communications does not count as one of the 4 required credits; it is an elective course only.

FRESHMAN YEAR (1 credit required)

ENRICHED ENGLISH 1 (1 credit)

ENGLISH I (1 credit)

SOPHOMORE YEAR (1 credits required)

ENRICHED ENGLISH II (1 credit)

ENGLISH II (1 credit)

JUNIOR YEAR (1 credit required)

ENRICHED ENGLISH III (1 credit)

ENGLISH III (1credit)

SENIOR YEAR (1 credit required)

ENGLISH IV (1 credit)

COLLEGE ENGLISH I (1 credit/LTC Dual Credit)

COLLEGE ENGLISH II (1 credit/LTC Dual Credit)

ELECTIVE

SPEECH (1 elective credit/LTC Dual Credit)

ENGLISH DEPARTMENT

SPECIAL NOTES ABOUT ENGLISH COURSES

Prior to receiving college credit in Dual credit courses based in reading or writing, Juniors and Seniors must pass the LTC Accuplacer test or earn an acceptable score on a college entrance exam.

- | | |
|-------------------------|----------------------------|
| 409 ENGLISH I | 429 ENRICHED ENGLISH III |
| 412 ENRICHED ENGLISH I | 445 ENGLISH IV |
| 420 ENGLISH II | 443 COMPOSITION I |
| 421 ENRICHED ENGLISH II | 444 COMPOSITION & ANALYSIS |
| 428 ENGLISH III | 450 SPEECH |

409 ENGLISH I 01999A000

Length of course: One semester
Recommended level: 9th
Prerequisites: None

Credit: 1

COURSE DESCRIPTION

The English I curriculum focuses on writing skills, literature, and vocabulary. Grammar and basic sentence structure will be emphasized in this course as students learn to construct various types of essays and responses. A strong emphasis is placed on non-fiction texts. This class is required for 10th grade students not enrolled in Enriched English I.

412 ENRICHED ENGLISH I 01001A000

Length of course: One semester
Recommended level: 9th
Prerequisites: Teacher Recommendation

Credit: 1

COURSE DESCRIPTION

Enriched English I is a survey course that emphasizes the study of English Language Arts: writing, reading, speaking and researching. Through group and individual projects, students will work on improving communication skills. Students will also engage in literary studies, including short stories, novels, poetry, non-fiction texts. Other learning activities may include compositions, vocabulary development, timed writings, presentations, library use, standardized test preparation, and computer use. Enrollment in Enriched English I is based on the recommendation of 8th grade language arts teachers.

420 ENGLISH II

01051A000

Credit: 1

Length of course: One semester

Recommended level: 10th

Prerequisites: English I

COURSE DESCRIPTION

The English II curriculum focuses on the development of grammar, writing, and reading comprehension skills that were introduced in English I. Students will complete research projects and learn basic MLA format and citations. An emphasis will also be placed on the development of vocabulary and communication skills through the use of class discussions and oral presentations. English II is required for 10th grade students not enrolled in Enriched English II.

421 ENRICHED ENGLISH II

01002A000

Credit: 1

Length of course: One semester

Recommended level: 10th

Prerequisites: C or better in Enriched English I or Teacher Recommendation

COURSE DESCRIPTION

English II will engage students in a variety of learning activities to build upon skills developed in English I. Class will consist of large and small group discussions, as well as writing short and medium length papers related to literature studies, oral presentations, research investigations, as well as other genres of discourse. Studies will also include vocabulary development. Enrollment in Enriched English II is based on the completion of Enriched English I with a C or better or teacher recommendation.

428 ENGLISH III

01052A000

Credit: 1

Length of course: One semester

Recommended level: 11th

Prerequisites: English II

COURSE DESCRIPTION

The English III curriculum engages students in a variety of activities to build upon the skills developed in English II. Students will complete writing assignments focusing on correct essay structure and organization, while a strong emphasis is also placed on improving comprehension and developing critical thinking skills. Other activities may include vocabulary development, presentations, and research assignments. English III is a requirement for 11th grade students not enrolled in Enriched English III.

429 ENRICHED ENGLISH III

01003A000

Credit: 1

Length of course: One semester

Recommended level: 11th

Prerequisites: C or better in Enriched English II or Teacher Recommendation

COURSE DESCRIPTION

English III is a survey of language arts skills needed to prepare students for communication situations, whether in the world of work or for college. Students will work to improve their reading, writing, vocabulary, grammar, and public speaking skills. An emphasis will be placed on exploring literature and an introduction to basic research skills for pre-college level assignments. Enrollment in Enriched English III is based on the completion of Enriched English II with a C or better or teacher recommendation.

445 ENGLISH IV

01004A000

Credit: 1

Length of course: One semester

Recommended level: 12th

Prerequisites: English III

COURSE DESCRIPTION

English IV teaches students communication skills – reading, writing, listening, speaking while concentrating on real world applications. This course emphasizes the practical application of communication as a business tool by using business letters, resumes, and applications as examples rather than emphasizing language arts skills as applied to scholarly and literary materials.

443 COMPOSITION I

01103A000

Credit: 1

Length of course: One semester

Recommended level: 12th

LTC DUAL CREDIT (COMPOSITION1)

Prerequisites: B or better in Enriched English III and teacher approval for students based on qualifying Accuplacer or college entrance test scores. (recommended for all college bound students)

COURSE DESCRIPTION

College English I is designed to introduce students to various types of general writing required in most first-year college composition courses. Students will learn advanced writing, reading, grammar, vocabulary, and presentation skills. This course is recommended for college bound students. Students who earn a C or better may receive LTC Composition I credit.

444 COMPOSITION & ANALYSIS

01103A000

Credit: 1

Length of course: One semester

Recommended level: 12th

LTC DUAL CREDIT (COMP & ANALYSIS)

Prerequisites: C or better in Composition I and teacher approval for students based on qualifying Accuplacer or college entrance test scores.

COURSE DESCRIPTION

College English II is designed to introduce students to analytical writing and research skills required in most first-year college composition courses. Students will learn advanced critical writing, reading, vocabulary, grammar, and presentation skills. An emphasis will be placed on researching and formatting term papers, analyzing and exploring world literature, critiquing print and non-print texts, and using advanced technology in writing and presentation. This course is recommended for college bound students. Students who earn a C or better may receive LTC Composition II credit.

450 SPEECH

01151A000

Credit: 1

LTC DUAL CREDIT (FUNDAMENTALS OF EFFECTIVE SPEAKING)

Length of course: One semester

Recommended level: 11th-12th

Prerequisites: C or better in Enriched English II and teacher approval for students based on qualifying Accuplacer or college entrance test scores.

COURSE DESCRIPTION

Short informative and persuasive speeches are prepared and presented. This course places emphasis on selection and organization of materials, methods of securing interest and attention, and elements of delivery as well as characteristics of effective criticism and listening. Students who earn a C or better may receive LTC Speech credit.

RHS MATH DEPARTMENT

COURSE PREREQUISITES AND SEQUENCES

**FRESHMEN ARE PLACED IN THEIR FIRST MATH COURSE
BASED ON NMS TEACHER RECOMMENDATION**

*****If a grade of a D or F is earned in a college preparatory course, the instructor, school counselor, and/or an administrator will be consulted to determine the next sequential course to be taken by the student; please note that repeating a course is often the best course of action.*****

Algebra 1



Interactive Geometry



Technical Math
(open to students who
have an A,B, or C in
Algebra and Geometry)



AND/OR



Consumer Math

*LTC Dual Credit
available:
MTH 1102 College
Algebra
MTH 1105 Trigonometry
MTH 1171 Calculus

Algebra 1A



Geometry



Algebra 2 ⇒



Statistics
(open to students who
have an A,B or C in
Geometry and Algebra 2)

ENGINEERING

Intro to Engineering
(C or better in Alg 2)

Principles of Engineering
(C or better in Intro to
Engineering)

Freshman Algebra 2



Enriched Geometry



College Algebra*
(also open to students
who made an A or B in
Algebra 2)



Trigonometry*



Precalculus



Calculus

MATH DEPARTMENT

100 ALGEBRA 1
105 ALGEBRA 1A
112 FRESHMAN ALGEBRA 2
118 INTERACTIVE GEOMETRY
121 GEOMETRY
123 ENRICHED GEOMETRY
124 ALGEBRA 2
126 STATISTICS
131 COLLEGE ALGEBRA

132 TRIGONOMETRY
140 PRE CALCULUS
146 CALCULUS
148 CONSUMER MATH
150 TECHNICAL MATH
160 INTRODUCTION TO ENGINEERING
161 PRINCIPLES OF ENGINEERING

100 ALGEBRA 1

02053A000

Credit: 1

Length of course: One semester

Recommended level: 9th

Prerequisites: Placement by departmental approval

COURSE DESCRIPTION

Course work includes the solution of equations, the study of algebraic properties, operations with polynomials, factoring, algebraic expressions, fractions, percents, decimals, radicals, scientific notation, applied real life problems and graphing.

105 ALGEBRA 1A

02052A000

Credit: 1

Length of course: One semester

Recommended level: 9th

Prerequisites: Placement by departmental approval

COURSE DESCRIPTION

Course work includes the solution of equations, the study of algebraic properties, operations with polynomials, factoring, algebraic expressions, fractions, percents, decimals, radicals, scientific notation, applied real life problems and graphing.

112 FRESHMAN ALGEBRA 2

02056A000

Credit: 1

Length of course: One semester

Recommended level: 9th

Prerequisites: Placement by departmental approval

COURSE DESCRIPTION

An advanced algebra course which includes problem solving, linear and quadratic functions and their graphs, matrices, polynomials, complex numbers, and radicals.

118 INTERACTIVE GEOMETRY

Length of course: One semester **02071A000** Credit: 1
Recommended level: 10th
Prerequisites: Algebra 1 AND departmental approval

COURSE DESCRIPTION

A focus on applications of geometry to real world situations. Topics include basic vocabulary, measurement, ratio, proportion, graphing, perimeter, area, volume, triangles, quadrilaterals, constructions, and transformations.

121 GEOMETRY

Length of course: One semester **02072A000** Credit: 1
Recommended level: 10th
Prerequisites: C or better in Algebra 1A and departmental approval

COURSE DESCRIPTION

The topics include development and application of standard theorems, constructions, formulas, applications of geometric principles to problem solving and the development of orderly proofs.

123 ENRICHED GEOMETRY

Length of course: One semester **02072A000** Credit: 1
Recommended level: 10th
Prerequisites: C or better in Freshman Algebra 2 and departmental approval

COURSE DESCRIPTION

An advanced course that covers the same topics as Geometry in more depth.

124 ALGEBRA 2

Length of course: One semester **02056A000** Credit: 1
Recommended level: 10th –11th
Prerequisites: C or better in Geometry and departmental approval

COURSE DESCRIPTION

Course work includes functions and graphs of polynomial and quadratic equations, inequalities, system of equations, exponents, roots, radicals and problem solving.

126 STATISTICS

Length of course: One semester **02202A000** Credit: 1
Recommended level: 11th -12th
Prerequisites: C or better in both Geometry and Algebra 2 and department approval

COURSE DESCRIPTION

An introduction to statistics that will focus on major concepts and methods of collecting, analyzing, and drawing conclusions from data. Topics include observing and exploring data, simulation, linear regression, data gathering, sample distributions, and statistical inference, and hypothesis testing.

131 COLLEGE ALGEBRA

Length of course: One semester

02057A000

Credit: 1

Recommended level: 11th –12th

LTC Dual Credit

Prerequisites: C or better in Enriched Geometry, B or better in Algebra 2 or departmental approval

COURSE DESCRIPTION

Course work includes linear equations and inequalities, exponents, radicals, and polynomials. Also includes quadratic equations and functions, transformations of graphs, polynomial, rational, exponential, and logarithmic functions.

132 TRIGONOMETRY

Length of course: One semester

02103A000

Credit: 1

Recommended level: 11th –12th

LTC Dual Credit

Prerequisites: C or better in College Algebra and departmental approval

COURSE DESCRIPTION

Course work includes an in-depth study of trigonometric functions, their graphs and properties, identities, equations, and applications of trigonometry.

140 PRE-CALCULUS

Length of course: One semester

02108A000

Credit: 1

Recommended level: 12th

Prerequisites: C or better in College Algebra and Trigonometry and departmental approval

COURSE DESCRIPTION

An advanced study of functions, polar coordinates, complex numbers, probability, vectors, sequences, series and conic sections.

146 CALCULUS

Length of course: One semester

02121A000

Credit: 1

Recommended level: 12th

LTC Dual Credit

Prerequisites: C or better in Pre-Calculus and departmental approval

COURSE DESCRIPTION

A college level study of calculus including limits, derivatives, integrals, and their applications.

148 CONSUMER MATH

Length of course: One semester

02157A000

Credit: 1

Recommended level: 11th -12th

Prerequisites: Interactive Geometry and departmental approval

COURSE DESCRIPTION

Practical applications of math related to consumers in typical everyday situations. Topics include salaries, insurance, taxes, banking, installment buying, budgets, and projects such as buying a car, costs of living, and other consumer concerns. **This class also fulfills the state Consumer education requirement.**

150 TECHNICAL MATH

02153A000

Credit: 1

Length of course: One semester

Recommended level: 11th- 12th

Prerequisites: C or better in Algebra and Geometry and department approval

COURSE DESCRIPTION

Designed to extend students' proficiencies in mathematics and apply these skills to technical and/or industrial situations and problems. Topics include rational numbers, systems of measurements, geometry, algebra, and statistics. This course covers a wide range of subject areas through real life problems.

160 INTRODUCTION TO ENGINEERING

21005A000

Credit: 1

Length of course: One semester

Recommended level: 11th

Prerequisites: C or better in Algebra 2

COURSE DESCRIPTION

Course work includes engineering ethics, engineering safety for lab and on-site situations, professional presentation on topics, in-depth discussion on civil, mechanical, chemical, and other engineering professions, and critical thinking problem solving with specifically applied engineering issues.

161 PRINCIPLES OF ENGINEERING DESIGN

21004A000

Credit: 1

Length of course: One semester

Recommended level: 11th-12th

Prerequisites: C or better in Introduction to Engineering

COURSE DESCRIPTION

Course work includes an in-depth analysis on real world case studies of engineering situation and how to problem solve solutions that are effective and efficient. Students will develop and test solutions using simulations and/or models. Culmination of course will involve rapid prototyping and professional presentation of a real world issue.

SOCIAL STUDIES DEPARTMENT

212 WORLD HISTORY
220 GEOGRAPHY
226 AMERICAN HISTORY

231 PSYCHOLOGY/SOCIOLOGY
233 AMERICAN PROBLEMS
235 CIVICS AND ECONOMICS OF THE U.S.

212 WORLD HISTORY

Length of course: One semester
Recommended level: 9th – 12th
Prerequisites: None

04051A000

Credit: 1

COURSE DESCRIPTION

Covers man's historical development from prehistoric time to the beginning of modern history. Special emphasis will be placed on the contributions of classical civilization (Greek and Roman) Medieval Times, people of the Americas, and the Renaissance.

220 GEOGRAPHY

Length of course: One semester
Recommended level: 9th – 12th
Prerequisites: None

04001A000

Credit: 1

COURSE DESCRIPTION

A comprehensive study of world and United States geography, with emphasis placed on U.S. geography, physical and economic features. Basic geographical skills, including map reading will be emphasized.

226 AMERICAN HISTORY

Length of course: One semester
Recommended level: 10th – 12th
Prerequisites: 10th graders may take if they have an A in World History
This class must be passed to graduate.

04101A000

Credit: 1

COURSE DESCRIPTION

Course covers the development of the United States 2nd Industrial Revolution to the present emphasizing America's role in the 20th Century, the Progressive Era, WW I, 1920's, Depression, WW II, Cold War, Vietnam era and current situations.

231 PSYCHOLOGY/SOCIOLOGY

Length of course: One semester
Recommended level: 10th – 12th
Prerequisites: None

04254A000

Credit: 1

COURSE DESCRIPTION

Focuses on understanding human behavior through knowledge of psychology and sociology. Students will be able to interpret human behavior from the standpoint of individual behavior and also from the standpoint of group behavior. Research papers, book reports and oral presentations will be used throughout the class.

233 AMERICAN PROBLEMS

Length of course: One semester

04106A000

Credit: 1

Recommended level: 11th – 12th

Prerequisites: consent of instructor

COURSE DESCRIPTION

Course that covers current American issues. Subjects covered include pollution, civil rights, drug education, energy crisis, congress, the presidency and others. Students will be expected to participate each day in class. The grade for this course is based on 50% class participation and 50% research papers/presentations.

235 CIVICS AND ECONOMICS OF THE U.S.

Length of course: One semester

04161A000

Credit: 1

Recommended level: 11th – 12th

Prerequisites: None

Required for U.S. Constitution Test

Examine the general structure and functions of American systems of government, the roles and responsibilities of citizens to participate in the political process, and relationship of the individual to the law and legal system. Study of U.S. economic concepts of supply and demand, pricing structures, budgeting, and banking as well as discussions of current and controversial issues, and other information will be presented in this course.

Completes state requirements for Consumer Education. This class must be passed in order to graduate.

Incorporates state required U.S. Constitution Test.

RHS SCIENCE DEPARTMENT COURSE PREREQUISITES AND SEQUENCES

FRESHMAN ARE PLACED IN THEIR FIRST SCIENCE COURSE BASED ON NMS TEACHER
RECOMMENDATION

Freshmen

Conceptual Biology **OR** Biology 1

Possible Electives:

Biology 2 (C or better in Biology 1)

Physical Science

Sophomores

Physical Science **OR** Chemistry 1 (C or better in Biology 1 and C or better in Algebra 1A
or Algebra 2)

Possible Electives:

Chemistry 2 (C or better in Chemistry 1 or better in Algebra 2)

Biology 2 (C or better in Biology 1 and Chemistry 1)

Geology

Earth/Space

Juniors

Any elective listed previously that have NOT already successfully been completed.

Additional Electives:

*Advanced Chemistry(B or better in Chemistry 2 and at least a C in College Algebra)

*Advanced Biology(B or better in Biology 2 and a least a C in Chemistry 1)

*Anatomy and Physiology (C or better in Biology I and Chemistry I)

Seniors

Any elective courses listed previously that have NOT already successfully completed.

Additional Elective:

*Physics (C or better in Trigonometry)

***LTC DUAL CREDIT**

Advanced Chemistry: LTC General Chemistry 1 (1130)

Advanced Biology: LTC General Biology 1 (1101)

Physics: LTC Physics (1120)

Anatomy & Physiology: LTC LSC (2111)

SCIENCE DEPARTMENT

302 PHYSICAL SCIENCE
307 CONCEPTUAL BIOLOGY
308 GEOLOGY
309 EARTH AND SPACE SCIENCE
311 BIOLOGY 1
312 BIOLOGY 2

313 ADVANCED BIOLOGY
322 CHEMISTRY 1
323 CHEMISTRY 2
324 ADVANCED CHEMISTRY
328 ANATOMY & PHYSIOLOGY
331 PHYSICS 1

302 PHYSICAL SCIENCE

Length of course: One semester
Recommended level: 9th – 12th
Prerequisites: None

03159A000

Credit: 1

COURSE DESCRIPTION

A course based on lab exploration of the concepts of matter, the atom, the Periodic table, bonding, chemical reactions, solutions, waves, sound and light.

307 CONCEPTUAL BIOLOGY

Length of course: One semester
Recommended level: 9th grade only
Prerequisites: Placement determined by staff

03062A000

Credit: 1

COURSE DESCRIPTION

This course provides students with a basic understanding of living things. Topics covered include cells, types of organisms, animals and plants.

308 GEOLOGY

Length of course: One semester
Recommended level: 10th – 12th
Prerequisites: None

03002A000

Credit: 1

COURSE DESCRIPTION

This course provides an in-depth study of the forces that formed and continue to affect the earth's surface as well as Earth's history. Topics covered include weathering, erosion, earthquakes, volcanoes, mountain building, and plate tectonics. Emphasis will be placed on construction and reading both maps and graphs, as well as, identifying minerals, rocks and soil.

309 EARTH AND SPACE SCIENCE

Length of course: One semester
Recommended level: 10th – 12th
Prerequisites: None

03008A000

Credit: 1

COURSE DESCRIPTION

This course offers students the opportunity to study the history of astronomy, solar system, stars, galaxies, and the interstellar bodies as well as the Earth's dynamic atmosphere, weather and climate.

311 BIOLOGY 1

03051A000

Credit: 1

Length of course: One semester

Recommended level: 9th

Prerequisites: Placement determined by staff

COURSE DESCRIPTION

A lab oriented class dealing with cell structure, DNA/RNA, microbiology, disease, cellular respiration, photosynthesis, and general animal physiology and behavior. Considered as college preparation.

312 BIOLOGY 2

03099A000

Credit: 1

Length of course: One semester

Recommended level: 9th – 12th

Prerequisites: C or better in Biology 1

COURSE DESCRIPTION

A lab oriented class dealing with genetics, biotechnology, evolution, taxonomy, plants and ecology. Considered equivalent to entry level for college.

313 ADVANCED BIOLOGY

03052A000

Credit: 1

LTC Dual Credit

Length of course: One semester

Recommended level: 11th-12th

Prerequisites: B or better in Biology 2 and at least a C in Chemistry 1

COURSE DESCRIPTION

A brief history of biology, natural selection, cell theory, cell structure and function, chemistry of life, photosynthesis, cellular respiration, cell division, patterns of inheritance, DNA, biotechnology, and biodiversity. Related laboratory exercises will be incorporated.

EQUALS LTC GENERAL BIOLOGY 1 LSC 1101

322 CHEMISTRY 1

03101A000

Credit: 1

Length of course: One semester

Recommended level: 10th – 12th

Prerequisites: C or better in Biology 1 and a C or better in Algebra 1A or Freshman Algebra II

COURSE DESCRIPTION

An introductory lab based course that includes the study of the history and principles of the atomic theory, history and interpretation of the periodic table, nomenclature, bonding, and chemical calculation of mass and energy changes in chemical reactions.

323 CHEMISTRY 2

Length of course: One semester

03149A000

Credit: 1

Recommended level: 10th – 12th

Prerequisites: B or better in Chemistry 1 and C or better in Algebra 2

COURSE DESCRIPTION

Continuation of topics covered in Chemistry I to provide a survey of all general chemistry concepts which include: phases of matter, gas laws, solution chemistry, acid-base chemistry, equilibrium, thermodynamics, kinetics and electrochemistry. This course is lab based and will introduce students to the techniques of titration, calorimetry, chromatography and basic quantitative analysis. Course is designed for college bound students majoring in science or related fields such as pre-med or nursing and involves math calculations similar to those performed in Chemistry I.

324 ADVANCED CHEMISTRY

Length of course: One semester

03102A000

Credit: 1

Recommended level: 11th – 12th

LTC Dual Credit

Prerequisites: B or better in Chemistry 2 and at least a C in College Algebra

COURSE DESCRIPTION

Course focuses on lab based advanced topics including: gas-phase equilibria, acid-base reactions and equilibria, salt hydrolysis and solubility, chemical kinetics, redox reactions and electrochemistry. Designed for college bound students majoring in science or engineering and requires extensive math calculations. Also includes an intensive lab-only section on qualitative analysis. **EQUALS LTC GENERAL CHEMISTRY 1 CLASS 1130**

328 ANATOMY & PHYSIOLOGY

Length of course: One semester

03053A000

Credit: 1

Recommended level: 11th – 12th

LTC DUAL CREDIT

Prerequisites: C or better in Biology 1 and Chemistry 1

COURSE DESCRIPTION

This course presents the human body and biological systems in detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (integumentary, skeletal, muscular, endocrine, nervous, circulatory, lymphatic, respiratory, digestive, urinary, and reproductive). Human cadavers or alternative selected mammal will be used to reinforce anatomical laboratory skills. Physiological mechanisms will also be emphasized.

EQUALS LTC LSC 2111 Human Anatomy & Physiology I

331 PHYSICS 1

Length of course: One semester

03199A000

Credit: 1

Recommended level: 12th

LTC DUAL CREDIT

Prerequisites: C or better in Trigonometry.

COURSE DESCRIPTION

Focuses on basic mechanics – motion forces, vectors, gravitation, momentum, work, energy, simple machines. Discussion and solving advanced problems as a group are important parts of class work.

EQUALS LTC PHYSICS 1120

FOREIGN LANGUAGE DEPARTMENT

SPECIAL NOTES ABOUT FOREIGN LANGUAGE COURSES

The Foreign Language program is designed to help the student gain an understanding and appreciation of other people's way of life, literature, and civilization and to develop an awareness of the relationship between the language and civilization of his own country and that of another country. The mastery of the language is the principal objective – reading and conversing fluently and accurately in a second language. The University of Illinois recommends completing four credits of Foreign Language in high school. Students interested in completing 4 credits need to pursue on-line options or summer classes (when offered) at LTC at student cost.

474 SPANISH 1

475 SPANISH 2

474 SPANISH 1

Length of course: One semester

06101A000

Credit: 1

Recommended level: 11th – 12th

LTC DUAL CREDIT

Prerequisites: C or better in English or consent of instructor

COURSE DESCRIPTION

An introductory course focusing on all aspects of language learning: listening, speaking, reading and writing. Students will be introduced to the Spanish-speaking world and its cultures. Students will be prepared to communicate authentically in Spanish by interpreting, exchanging, and presenting information on a variety of topics, including practices, products, and perspectives of Spanish speaking cultures. Lab work and on-line assignments required and can be completed at home or at school. Creative projects are included, including participation in Fine Arts night. An active participation course.

475 SPANISH 2

Length of course: One semester

06102A000

Credit: 1

Recommended level: 11th – 12th

LTC DUAL CREDIT

Prerequisites: C or better in Spanish 1 or consent of instructor

COURSE DESCRIPTION

Combines fundamental grammar with listening, reading, speaking and writing exercises. Students will be prepared to communicate authentically in Spanish by interpreting, exchanging, and presenting information on a variety of topics, including practices, products, and perspectives of Spanish-speaking cultures while continuing to build upon the skills required in the Spanish 1 course. Lab work and on-line assignments required and can be completed at home or at school. An active participation course.

BUSINESS DEPARTMENT

501 INTRODUCTION TO BUSINESS
502 PHOTOJOURNALISM
503 MARKETING
504 WEB PAGE AND CODING I

505 WEB PAGE AND CODING II
540 MICROSOFT PROFESSIONAL
541 CYBERSECURITY
542 BUSINESS MANAGEMENT

501 INTRODUCTION TO BUSINESS

Length of course: One semester
Recommended level: 9th – 10th
Prerequisites: None

12001A001

Credit: 1

REQUIRED CLASS FOR FRESHMAN STUDENTS

COURSE DESCRIPTION

This orientation-level course will provide an overview of all aspects of business. Students acquire knowledge of and experience in the proper and efficient use of Microsoft Office and Google Drive. These topics explore a wide range of applications, including (but not limited to) word processing, spreadsheet, graphics, email, and desktop publishing. Basic business and financial information will also be covered. Students will be introduced to a wide range of careers in fields. Emphasis will be placed on using the computer while studying applications in these careers along with communication skills (thinking, listening, composing, revising, editing, and speaking), math and problem solving. Business ethics as well as other workplace skills will be taught and integrated within this course. Provides students with an overview of the American monetary and banking system as well as types of financial institutions and the services and products that they offer.

Meets computer requirement

502 PHOTOJOURNALISM

Length of course: One semester
Recommended level: 10th– 12th
Prerequisites: Introduction to Business

10202A001

Credit: 1

COURSE DESCRIPTION

Provides students with the opportunity to use the computer to produce visual imagery and to apply graphic techniques to various fields, such as advertising and school publications. Students will learn Adobe Photoshop. The course exposes students to the manner in which photography is used to convey information and experiences. The course will be coordinated with production of the school newspaper and yearbook. Students will also be involved in creating programs and publications for the school and area businesses. Students will focus on Adobe Photoshop.*Meets Computer Applications requirement.

503 MARKETING

12152A000

Credit: 1

Length of course: One semester

Recommended level: 10th-12th

Prerequisites: Introduction to Business

COURSE DESCRIPTION

Integrated software applications will be included in this course. Instruction will focus on office etiquette, office management, communications procedures, time management, and proper business behavior and attire. Students will create, edit and correct documents, perform information processing activities (e.g. spreadsheets, database entry, desktop publishing) and prepare documents using presentation software. Students will organize and plan office activities. Students will apply proper grammar, punctuation, spelling and proofreading skills. Accuracy will be emphasized. Workplace skills as well as communication skills (thinking, listening, composing, revising, editing, and speaking) will be taught and integrated throughout this course. Comprehensive courses focus on the wide range of factors that influence the flow of goods and services from the producer to the consumer. Topics may include (but are not limited to) market research, the purchasing process, distribution systems, warehouse and inventory control, salesmanship, sales promotions, business management, and entrepreneurship.

504 WEB PAGE AND CODING I

10201A001

Credit: 1

Length of course: One semester

Recommended level: 10th– 12th

Prerequisites: Introduction to Business

COURSE DESCRIPTION

Web Page and Interactive Media Development I is a skill-level course designed to prepare students to plan, design, create and maintain web pages and sites. Students will learn the fundamentals of web page design using HTML, HTML editors, and graphic editors as well as programming tools such as JavaScript. Students will work in a project based environment to create a working website. Students will learn to create pages, add hyperlinks, make tables and frames, create forms, integrate images, and set styles. Students will use image-editing programs to manipulate scanned images, computer graphics, and original artwork. Instruction will include creating graphical headers, interactive menus and buttons, and visually appealing backgrounds. Students will use hardware and software to capture, edit, create, and compress audio and video clips.

505 WEB PAGE and CODING II

10201A002

Length of course: One semester

Recommended level: 10th-12th

Prerequisites: C or better in Web Page and Coding I

COURSE DESCRIPTION

Web Page II is a skill-level course for students who have completed Web Page and Interactive Media Development I. Instruction will include using multimedia authoring applications and programming tools such as JavaScript to create a web site that combines text, hyperlinks, images, video, and sound. Instruction will include using hardware and software to capture, edit, create, and compress audio and video clips as well as create animated text, graphics, and images. Other topics will include using tables to align images with text, creating newspaper-style columns, and inserting side menus and call-outs. Students will learn how to use templates, cascading style sheets and interactive elements to enhance web pages. Students will learn to create dynamic forms that include multiple-choice questions, comment boxes, and buttons. Students will learn how to connect to a database and retrieve and write data. Students are encouraged to develop a portfolio project that demonstrates their expertise in areas such as multimedia authoring, web development, audio and video editing, and advanced JavaScript applications to create interactive web pages.

540 MICROSOFT CERTIFIED PROFESSIONAL (MCP)

10005A001

Length of course: One semester
Recommended level: 9th-12th
Prerequisites: Introduction to Business

COURSE DESCRIPTION

Microsoft certified professional is a skill-level course that includes the concepts and terminology related to the people, equipment, and procedures of information processing as well as skill development in the use of information processing equipment. Students will operate computer equipment to prepare memos, letters, reports, and forms. Students will create rough drafts, correct copy, process incoming and outgoing telephone calls and mail, and transmit and receive messages electronically. Students will create, input, and update databases and spreadsheets. Students will create data directories; copy, rename, move, and delete files, and perform backup procedures. In addition, students will prepare files to merge, as well as create mailing labels and envelopes from merge files. Students will learn to locate and retrieve information from hard copy and electronic sources, and prepare masters for presentations using presentation software. Students will apply proper grammar, punctuation, spelling and proofreading practices. Accuracy will be emphasized. Workplace skills as well as communication skills (thinking, listening, composing, revising, editing, and speaking) will be taught and integrated throughout the course.

541 CYBERSECURITY

10020A001

Length of course: One semester
Recommended level: 9th-12th
Prerequisites: Introduction to Business

COURSE DESCRIPTION

Cybersecurity courses introduce students to the concepts of cybersecurity. These courses provide students with the knowledge and skills to assess cyber risks to computers networks, and software programs. Students will learn how to create solutions to mitigate cybersecurity risks. These courses may also cover the legal environment and ethical computing behavior related to cybersecurity.

542 BUSINESS MANAGEMENT

12052A001

Length of course: One semester
Recommended level: 9th-12th
Prerequisites: Introduction to Business

COURSE DESCRIPTION

Business Management courses acquaint students with management opportunities and effective human relations. These courses provide students with the skills to perform planning, staffing, financing, and controlling functions within a business. In addition, they usually provide a macro-level study of the business world, including business structure and finance, and the interconnections among industry, government, and the global economy. The course may also emphasize problem-based, real-world applications of business concepts and use accounting concepts to formulate, analyze, and evaluate business decisions.

NOTE: Students must pass all classes in order to take community service and/or career training. Also, due to the interactive nature of these courses with Robinson CUSD #2 staff and students, and the public, the administration reserves the right to immediately remove a student from his/her placement for gross misconduct.

562 CAREER TRAINING
564 CAREER INTERNSHIP
566 STUDENT COMMUNITY SERVICE

562 CAREER TRAINING

Length of course: One semester **22004A000** Credit: 1
Recommended level: 11th – 12h
Prerequisites: Administrative approval, GPA of 2.5, 90% attendance for the preceding semester

COURSE DESCRIPTION

A non-paid training experience in a career field for which the student demonstrates a genuine career awareness and aptitude. Students will be exposed to a variety of on-site work experiences.

564 CAREER INTERNSHIP

Length of course: One semester **22004A000** Credit: 1
Recommended level: 11th – 12h
Prerequisites: Career training and Administrative approval, GPA of 2.5, 90% attendance for the preceding semester

COURSE DESCRIPTION

Upon successful completion of on-the-job training, students will become apprentices at work sites. Students will be expected to be more productive and knowledgeable in their career field.

566 STUDENT COMMUNITY SERVICE

Length of course: One semester **22104A000** Credit: 1
Recommended level: 11th – 12th
Prerequisites: Administrative approval, GPA of 2.0 and on schedule to graduate, 90% attendance for the preceding semester.
This course is offered with Pass/Fail grading. To obtain a Passing grade students must exhibit effort equal to a letter grade of B.

COURSE DESCRIPTION

Offers credit for a well-planned program from participation in “People Related” service to the community. Community service is graded on a pass/fail basis. Students will not be monetarily compensated for the service they perform. Students who do not have a Driver’s License will not be permitted to volunteer off campus. Students must provide their own transportation to and from off campus service. Suggested job sites include:
Washington and Lincoln Grade Schools Robinson High School
and Nuttall Middle School

Tutoring program Faculty assistant
Office cadet Computer lab
Library Office cadet

CAREER TECHNICAL EDUCATION (CTE)

603 SMALL ENGINES
606 BEGINNING DRAFTING
608 CAD DESIGN & SOFTWARE
609 CAD SOLIDWORKS 2
610 CAD SOLIDWORKS 3
611/612 BUILDING TRADES 1

613/614 BUILDING TRADES 2
619/620 AUTO MECHANICS 1
621/622 AUTO MECHANICS 2
640 TECHNOLOGY 1
641 TECHNOLOGY 2
642 INTRO TO WOODWORKING

603 SMALL ENGINES AND TRANSPORTATION

Length of course: One semester
Recommended level: 9th - 10th
Prerequisites: None

20001A001

Credit: 1

COURSE DESCRIPTION

For the 1st quarter class students will examine the theory of a four stroke gasoline engine by disassembling and assembling a four stroke gasoline engine. Evaluation is based on book work, tests, shop quizzes, and engine performance. The 2nd quarter class students will explore different modes of transportation through simple and complex projects including mousetrap vehicle, balloon monorail, 2 speed torque racer, catapult gliders, H2O rockets, and CO2 dragster. Evaluations are based on the design portfolio, creativity, functionality, and neatness of construction. This is a hands-on class.

606 BEGINNING DRAFTING

Length of course: One semester
Recommended level: 9th - 12th
Prerequisites: None

21102A002

Credit: 1

COURSE DESCRIPTION

Beginning Drafting is an introductory level drafting course. During the semester, the students will learn basic fundamentals of sketching; mul-view, orthographic projection, lettering techniques, dimensioning standards, pictorial sketching, architectural sketching, and basic SolidWorks modeling.

608 CAD DESIGN AND SOFTWARE

Length of course: One semester
Recommended level: 9th - 12th
Prerequisites: C or better in Beginning Drafting

21106A001

Credit: 1

COURSE DESCRIPTION

This course is level two drafting. In this course students will use Solidworks to create parts and assemblies, generate multiview drawings, Bill of Materials of those parts and assemblies, and create assembly simulations.

609 CAD-SOLIDWORKS 2

21106A002

Length of course: One semester

Credit: 1

Recommended level: 11th-12th

IECC DUAL CREDIT

Prerequisites: C or better in Beg Drafting and CAD Design and Softworks

COURSE DESCRIPTION

This course will allow students to be prepared to either further their education in engineering, machining, designing in post secondary education or today's high tech workforce. The course will give students an even playing field in post secondary courses as well as give them training to become employable in a highly competitive industrial workforce.

610 CAD-SOLIDWORKS 3

21059A000

Length of course: One semester

Credit: 1

Recommended level: 11th-12th

IECC DUAL CREDIT

Prerequisites: C or better in Beg Drafting and CAD Design and Softworks-2

COURSE DESCRIPTION

This course is designed to further develop skills in SolidWorks. Students will brainstorm, research, develop ideas by incorporating engineering principles of geometrical relations. Students will also design parts, assemblies, drawings, and perform part simulation.

611/612 BUILDING TRADES 1

17002A001

Length of course: One semester

Credit: 2 (1 per semester)

Recommended level: 11th - 12th

Prerequisites: Consent of Instructor Drafting and Woods and Small Engines recommended

COURSE DESCRIPTION

Provides hands-on and classroom experiences related to the construction, installation and maintenance of residential buildings. Planned learning activities will allow students to become knowledgeable of fundamentals, principles and methods, and to develop technical skills related to masonry, carpentry and finish work. Includes safety principles and practices, recognition of materials, foundation layout methods, building concepts and procedures, local, state and national codes, cost estimates and blueprint reading, and drafting. Basic principles of theater set design and building.

613/614 BUILDING TRADES 2

17002A002

Length of course: One semester

Credit: 2 (1 per semester)

Recommended level: 12th

Prerequisites: Building Trades 1 and Consent of Instructor

COURSE DESCRIPTION

Provides hands-on and classroom experiences related to the construction, installation and maintenance of residential buildings. Planned learning activities will allow students to become more familiar with advanced skills than those provided in Building Trades 1. Includes safety principles and practices, principles and practices of plumbing, HVAC, and electrical systems. Specialized skills in masonry, rough and finish carpentry, advanced principles of theater set design and building.

619/620 AUTO MECHANICS 1

Length of course: One semester

20104A001

Credit: 2

Recommended level: 11th - 12th

(1 credit per semester)

Prerequisites: Consent of Instructor with Small Engines and Electricity recommended

COURSE DESCRIPTION

Auto skill development is an introductory course designed to acquaint the student with various aspects of auto mechanics. Skill development in relation to proper use of tools, equipment, safety, and repair techniques will be emphasized.

621/622 AUTO MECHANICS 2

Length of course: One semester

20104A002

Credit: 2

Recommended level: 12th

(1 credit per semester)

Prerequisites: Auto Mechanics 1

COURSE DESCRIPTION

An introduction to the cranking, charging, ignition, and electrical accessory systems of the automobile. Laboratory experience in testing and servicing automotive electrical systems. Two classroom hours per week. Four lab hours per week.

640 TECHNOLOGY 1

Length of course: One semester

21001A001

Credit: 1

Recommended level: 9th - 10th

Prerequisites: None

COURSE DESCRIPTION

This course is designed to give students exposure and an understanding of new and emerging technologies. The students will rotate through a series of 6 to 8 modules during this course including : CAD/CAM, CNC turning, CNC milling, plastic technology, graphic design, robotics, articulated robotics, landscape design, mechanical systems, material science, industrial pneumatics, basic PLC's, electronics, residential construction, industrial sensors, residential plumbing, residential wiring, home maintenance, industrial PLC's, Auto CAD, precision measuring, vinyl sign making, research and design, engineering structures, tolerance and control, 3D printing, industrial electricity and electronics, solidworks, engineering design.

641 TECHNOLOGY 2

21001A002

Credit: 1

Length of course: One semester

Recommended level: 9th-10th

Prerequisites: C or better in Technology 1

COURSE DESCRIPTION

This course is an extension of Technology 1 that will provide the opportunity to complete modules that were not able to be completed in Tech 1.

642 INTRODUCTION TO WOODWORKING I

Length of course: One semester

17007A003

Credit: 1

Recommended level: 9th - 12th

Prerequisites: SolidWorks (Beginning Drafting or Technology 1 completion of the SolidWorks Engineering Design station)

COURSE DESCRIPTION This is a beginning woodworking course that is designed for students interested in developing woodworking skill for a profession or a hobby in woodworking. Proper procedures in construction are realized by designing and building projects including the proper shop safety, use of different joinery, gluing, sanding and finishing techniques. Students will read and apply instructions and execute measurements for proper construction, a foundation skill in any STEM field. Instruction in care, use, and operation of hand tools and power machines is also a vital part of this course. Students will compose a well written design portfolio, plan of procedure, successfully complete a bill of material, sketches and SolidWorks drawings for each project.

FAMILY AND CONSUMER SCIENCE

701 INTRODUCTION TO FAMILY/CONSUMER SCIENCES CAREERS

706 CHILD DEVELOPMENT & PARENTING

710 SEWING & TEXTILE DESIGN 1

712/713 CARE AND LEARNING SERVICES OCCUPATIONS

714/715 CARE AND LEARNING SERVICES MANAGEMENT

716 FOOD AND NUTRITION

720 CULINARY OCCUPATIONS 1

701 INTRODUCTION TO FAMILY/CONSUMER SCIENCES CAREERS

Length of course: One semester

19251A001

Credit: 1

Recommended level: 9th - 12th

Prerequisites: None

COURSE DESCRIPTION

Designed to present basic subject matter in six areas including: Clothing & Textiles, Resource management, Foods and Nutrition, housing, home furnishings, and equipment, human development, interpersonal relationships, introduction to the world of work.

706 CHILD DEVELOPMENT & PARENTING

Length of course: One semester

19052A001

Credit: 1

Recommended level: 9th - 12th

Prerequisites: None

COURSE DESCRIPTION

Emphasizes learning experiences which help students gain knowledge and understanding of the intellectual, physical, social and emotional development of children from conception through adolescence. Course centers around the following duty areas managing and organizing child development by applying decision-making and goal setting skills; promoting child development by applying physical, social, intellectual and emotional principles; practicing health and safety standards for children; providing experiences which encourage children to maximize resources; encouraging human relations skills in children; evaluation of family and career changes in relation to impact on children. Information related to careers in childcare is incorporated throughout the course.

710 SEWING AND TEXTILE DESIGN 1

Length of course: One semester

19201A001

Credit: 1

Recommended level: 10th - 12th

Prerequisites: None (Intro to FCS preferred)

COURSE DESCRIPTION

Students will assess the science and aesthetics of fiber and fabric construction in the selection of construction materials. They will demonstrate basic hand and machine construction techniques. Also included throughout the course pattern layout, cutting, and essential construction skills. There will be many hands-on projects. Students will be made responsible for the cost of their own materials and supplies for the various projects.

712/713 CARE AND LEARNING SERVICES OCCUPATIONS

Length of course: One class each semester **19054A001**
Recommended level: 11th - 12th
Prerequisites: Child Development or consent of instructor

Credit: 2
IECC DUAL CREDIT

COURSE DESCRIPTION

Designed to provide students interested in a career in child and day care operations with information and practical experiences needed for the development of job-related competencies. Students will be provided laboratory experiences either in a school-based or extended campus facility. Students will be expected to develop appropriate skills in program development and in assisting with children and/or adult’s activities. Classroom study is concerned with the philosophy and management of childcare centers and the state and local regulations governing care-giving operations. The main learning experiences will involve actual work with children/adults in situations that simulate those found in business and industry, as well as preparation for that activity. Due to the nature of this course, daily attendance is required. NOTE: The Illinois Eastern Community Colleges recognize this course as an articulated course leading to a certificate program or the Applied Science Degree. May not be taken concurrently with 714/715. Students in this course will work toward the Early Childhood Education Credential Level 1 as recognized in daycares across the state of Illinois. In order to obtain the ECE credential, students must take the year long class for Childcare 1 and 2.

DUAL CREDIT EARNED WILL BE APPLIED THROUGH IECC

714/715 CARE AND LEARNING SERVICES MANAGEMENT

Length of course: One class each semester **19055A001**
Recommended level: 11th - 12th
Prerequisites: Care and Learning Services Occupations

Credit: 2
IECC DUAL CREDIT

COURSE DESCRIPTION

Continues the learning begun in Care and Learning Services Occupations. Emphasis is more on the administration of the care facility. Caring for infants and special needs of children and/or older adults is included. Emphasis is placed on career opportunities, human relations, communication skills and the service needs of clients in the occupational area. Major learning experiences will involve actual work with children and/or adults in facilities that simulate those found in industry, and discussion of the learning and problems arising from that activity. May not be taken concurrently with 712/713. Upon completion of this course, students will obtain the Early Childhood Education level 1 credentials. Due to the nature of this course, daily attendance is required.

DUAL CREDIT EARNED WILL BE APPLIED THROUGH IECC

716 FOOD AND NUTRITION

Length of course: One semester **16054A001**
Recommended level: 11th - 12th
Prerequisites: None

Credit: 1

COURSE DESCRIPTION

Class and laboratory experience needed to develop a knowledge and understanding of culinary principles and nutrition for people of all ages. Course content encompasses: food service and preparation management using the decision making process; meeting basic needs by applying nutrition concepts; meeting health, safety, and sanitation requirements; maximizing resources when planning/preparing/preserving/serving food; applying hospitality skills, analyzing nutritional needs in relation to change. The course also utilizes a variety of project-based experiences and service learning opportunities to gain knowledge and expertise in understanding and applying management skills, with consideration to diverse social, economic, technological, environmental, and cultural characteristics of individuals and families.

720 CULINARY OCCUPATIONS 1

Length of course: One semester

14002A002

Credit: 1

Recommended level: 12th

Prerequisites: B or better in Food and Nutrition, 18 years old before the end of the semester, no more than 8 absences in the prior semester, and instructor approval

COURSE DESCRIPTION

This course provides terminology, culinary math, and practical experiences needed for the development of culinary competencies and workplace skills. ServSafe safety and sanitation instruction and classroom application will prepare students for an industry recognized sanitation exam. Classroom experiences will develop skills to work in the front of the house, back of the house, and workstations. All labs will focus on baking and pastry arts. Additional content may include: event planning, customer service and relations, food service styles, hors d'oeuvres, and breakfast cookery.

HEALTH OCCUPATIONS

730 ORIENTATION TO HEALTH OCCUPATIONS

734/735 NURSING ASSISTANT 1 **TB TEST REQUIRED FOR THIS CLASS**

730 ORIENTATION TO HEALTH OCCUPATIONS

Length of course: One semester

14001A001

Credit: 1

Recommended level: 9th - 10th

Prerequisites: None

COURSE DESCRIPTION

Designed to introduce Freshmen and Sophomores to the many health careers, and serve as a foundation for progression into Health Occupations skill development. Employability skills will be introduced as well as desirable qualities of health care workers. American Red Cross Safety and First Aid training, and CPR certification will be completed. Skills needed to accurately take blood pressure, pulse, and respirations will also be presented.

734/735 NURSING ASSISTANT 1

Length of course: Two semesters

14051A001

Credit: 2

Recommended level: 11th - 12th

TB TEST REQUIRED FOR THIS CLASS

IECC DUAL CREDIT

Prerequisites: Orientation to Health Occupations recommended

COURSE DESCRIPTION

The course is composed of a combination of subject matter and experiences designed to perform tasks of individuals receiving nursing services. The student learns those competencies needed to perform as a nurse assistant under the direction of the registered nurse. The units of instruction should include the role of the nurse assistant while covering general health care topics; medical terminology; patients/clients and their environment; special feeding techniques; psychological support and, in long-term and terminal illness, death and dying. Topics covered typically include normal growth and development; feeding, transporting patients, hygiene, and disease prevention; basic pharmacology; first aid and CPR; observe ring and reports; care of equipment, and supplies; doctor, nurse, and patient relationships and roles; procedure and policies; medical and professional ethics; and care of various kinds of patients. Each student may obtain certification in CPR and as a Nurse Assistant by the Illinois Department of Public Health.

DUAL CREDIT EARNED WILL BE APPLIED THROUGH IECC

MUSIC DEPARTMENT

746/747 CHORUS

749/750 BAND

749F COLORGUARD

746/747 CHORUS

Length of course: One semester during Activity Period

05110A000

Credit: ¼

Recommended level: 9th - 12th

PER SEMESTER

Prerequisites: Permission of instructor

COURSE DESCRIPTION

Chorus is a performance-oriented class for students interested in vocal music. Emphasis based on vocal production as well as phrasing, style and interpretation using music from all the major historical periods as well as musical theater, popular music, and other styles. Chorus will perform at least one concert each quarter and may also participate in contests and festivals.

749/750 BAND

Length of course: One semester

05103A000/05102A000

Credit: 1

Recommended level: 9th – 12th

PER SEMESTER

Prerequisites: Permission of Instructor

COURSE DESCRIPTION

Performance oriented class designed to give the student a well-rounded education in music. Experiences may include marching band, symphonic band, jazz band, solo and ensemble participation, percussion ensemble, and pep band. Marching band performs in 3-4 parades each year as well as at competitive festivals and every home varsity football game. The Symphonic Band performs at least one concert each quarter (with exception of the first quarter) and at an organizational contest in the spring. Jazz Band is offered during second semester and is an auditioned extracurricular ensemble that meets before school. Jazz Band will perform in at least two concerts and may attend organizational contests in the spring. Pep band will perform at all home varsity boys basketball games with an additional varsity girls basketball game added during the season. Sophomores, Juniors and Seniors who enroll both semesters will not be required to take P.E.

749F COLORGUARD

Length of course: One quarter during Band

05103A000

Credit: ½

Recommended level: 9th - 12th

PER QUARTER

Prerequisites: Permission of instructor

COURSE DESCRIPTION

Colorguard is a 9-week course that is held in conjunction with 749 BAND (Marching Band) during the first quarter. Students enrolled in this class will learn color guard technique that encompasses flag and rifle spinning and dance. The color guard will perform in 4-5 parades each year as well as at competitive festivals and every home varsity football game. Those students who do not play an instrument and are not enrolled in 749 BAND will be placed in P.E. at the conclusion of the marching season and should sign up for 803F COLORGUARD PE.

ART DEPARTMENT

763 Art 1
765 Art 2

767 Art 3
769 Art 4

763 ART 1 **05154A000**

Length of course: One semester
Recommended level: 9th – 12th
Prerequisites: None

Credit: 1

COURSE DESCRIPTION

Introductory class to all aspects of visual art, developing an awareness of design through observation, study, and creation. Hands on course with activities in clay, collage, drawing, cartoons, scratch-board, color, painting and crafts. Also includes art history and research.

765 ART 2 **05155A000**

Length of course: One semester
Recommended level: 10th – 12th
Prerequisites: C or better in Art 1

Credit: 1

COURSE DESCRIPTION

A more in depth study to design. An introduction in creating an art portfolio. Course work includes colored pencil, architecture, drawing, ceramics, pen & ink, color theory, watercolor painting, chalk, ceramics and art history.

767 ART 3 **05156A000**

Length of course: One semester
Recommended level: 10th – 12th
Prerequisites: C or better in Art 2

Credit: 1

COURSE DESCRIPTION

Advanced work in drawing, painting and graphic design, printmaking, clay, sculpture, glass etching, oil pastel, figure drawing and art history. Students are required to show a piece of artwork for fine arts night. Students are required to present an art portfolio.

769 ART 4 **05163A000**

Length of course: One semester
Recommended level: 11th or 12th
Prerequisites: B or better in Art 3 and consent of instructor

Credit: 1

COURSE DESCRIPTION

Open to advanced art students. Grades will be determined by portfolio work, sketchbook, attitude and self motivation. Students will work under contract. Participation in fine arts night is required.

P.E./HEALTH DEPARTMENT

- 803F Personal Fitness/Colorguard
- 804 Personal Fitness Health/Driver Ed
- 809 Personal Fitness
- 830 Health
- 851 Driver Education

803F PERSONAL FITNESS COLORGUARD

Length of course: One Quarter **08001A000** Credit: ½
Recommended level: 9th – 12th PER QUARTER
Prerequisites: Only for members of Marching Band Colorguard

COURSE DESCRIPTION

Taken during the opposite quarter of Marching Band. Emphasis on lifetime fitness, striving to reach and maintain a healthy lifestyle for all students. Activities include weight training, aerobic training, walking, and team sports.

*****8

04 PERSONAL FITNESS HEALTH/DRIVER ED

Length of course: One Quarter **08001A000** Credit: ¼
Recommended level: 9th – 12th
Prerequisites: Must be enrolled in Driver Ed

COURSE DESCRIPTION

Taken during the opposite quarter of Health and during the quarter the student takes Driver Ed. Will alternate with Driver Ed on a daily basis. Emphasis on lifetime fitness, striving to reach and maintain a healthy lifestyle for all students. Activities include weight training, aerobic training, walking, and team sports.

809 PERSONAL FITNESS

Length of course: One Semester **08001A000** Credit: 1
Recommended level: 9th – 12th
Prerequisites: None

COURSE DESCRIPTION

Emphasizes lifetime fitness, striving to reach and maintain a healthy lifestyle for all students. Activities include weight training, aerobic training, walking, and team sports. All students who meet the requirements will receive their CPR and AED certification.

830 HEALTH

Length of course: One Quarter **08051A000** Credit: ½
Recommended level: 9th – 10th
Prerequisites: None

COURSE DESCRIPTION

Covers many aspects of health in general. Areas of study include communicable diseases, non-communicable diseases, human sexuality, alcohol, tobacco and drug abuse, mental, emotional health and anatomy. All students who meet the requirement will receive the CPR and AED certification. Given the opposite quarter of Driver Education.

851 DRIVER EDUCATION

08152A000

Credit: ¼

Length of course: One quarter

Recommended level: 9th – 12th

Prerequisites: Students must be 14 before the start of class.

COURSE DESCRIPTION

Consists of two phases, classroom and behind-the-wheel. Classroom stresses the rules of the road, car control and maneuvers, strategies for town, highway and 4 lane highway. Behind-the-wheel consists of actual driving lessons with an instructor. Class meets the required Illinois law of 30 classroom hours and 6 hours of behind-the-wheel driving, passing both is mandatory for students under 18 years of age to get an Illinois Driver’s License. Classroom portion is completed during the opposite quarter of Health and during the quarter PE Health/Driver Ed is taken. Behind-the-wheel driving will be taken during the summer.

Driver Education fees: \$100 for all in-district students covers classroom and behind the wheel instruction.

ACTIVITIES AT ROBINSON HIGH SCHOOL

ATHLETICS

BASEBALL, BOYS

Competition is held at the Varsity and Freshman/Sophomore levels. A strong schedule is played at both levels, including participation in the LIC Conference. Team concepts of play, dedication, poise and school pride are emphasized to each participant.

BASKETBALL, BOYS

A conditioning (weight training) phase for any boy not out for a fall sport is run during September and October three days a week. This activity runs from November through February with approximately 18 games and 2 tournaments in the Varsity level. There are 3 levels of participation; Varsity, Junior Varsity, Sophomore/Freshmen. There are tournaments for the Freshmen and Sophomore levels in addition to their schedules. A spring and summer program consisting of weight training and skills development through open gyms will also be available.

BASKETBALL, GIRLS

A conditioning (weight training) phase for any girl not out for a fall sport is run during September and October three days a week. This activity runs from November through February with approximately 18 games and 2 tournaments in the Varsity level. There are 2 levels of participation; Varsity, Junior Varsity. There is a tournament for the Freshmen in addition to their schedule. A spring and summer program consisting of skills development through open gyms and weight training with camps also available.

CHEERLEADERS, VARSITY

Cheerleaders will be elected through a tryout procedure. All candidates must have a C average and written consent of their parent/guardian to try out. Judges include past and present RHS cheer coaches, cheerleaders, coaches from other schools, and other individuals with knowledge in cheerleading. An alternate may be chosen to fill the spot of any girl who cannot perform for an extended period of time during the year.

CROSS COUNTRY, BOYS AND GIRLS

Meets begin September 1 and continue through the state regional at the end of October. There are 14 meets in a season and every team member gets to compete in all dual and triangular meets. The course length for boys and girls is between 2.75 and 3.0 miles in a meet. Practices are held on the streets of Robinson, on the cross-country course behind the middle school, and on the track. Come join us-the few, the proud, the Maroon Cross Country Team.

FOOTBALL, BOYS

We have two levels of competition (teams) Freshmen/Sophomore team and a Varsity team. In our program, we emphasize teamwork, organization, discipline and participation. We carry a full schedule of games at each level of competition. This is a great way to get involved and represent RHS.

GOLF, BOYS AND GIRLS

Practice and matches are played at the beautiful Quail Creek Country Club. Enjoy the competitiveness and atmosphere of this challenging course and be able to play other area golf courses.

SOCCER (CO-ED)

This sport is held in the fall of the school year. We play co-ed matches against most schools that are all male teams. Our schedule is made up of home and away contests with 1 regular season tournament and also IHSA postseason. There is a conditioning phase that is done on an individual basis during the summer months. The season runs from August-October.

SOFTBALL, GIRLS

Softball at RHS is an exciting and competitive spring sport. We compete in the LIC Conference providing many talented opponents. RHS Lady Maroons host a very competitive invitational tournament each spring. RHS home games are played at the Robinson Girls' Softball Diamond at the Robinson City Park. Competition is held at both Varsity and Junior Varsity level.

TENNIS, BOYS

This sport is held in the spring of the school year. There is a full schedule of matches including 3 tournaments. A tennis match consists of 6 single and 3 double entries. There is a conditioning phase that is done on an individual basis during the month of February. This is a great lifetime sport at RHS and all students are encouraged to participate.

TENNIS, GIRLS

Girls tennis is a challenging and rewarding lifetime sport at RHS but is growing rapidly. The team is open to all interested girls, Freshmen through Seniors. There is a full varsity and schedule and a partial Fresh/Soph schedule.

TRACK & FIELD, BOYS

There are 18 different events to choose from, 6 field events, 4 relays, 2 hurdle races, and running events from the 100 meter up to the 3200 meter run. There are about 18 meets in the season with several Fresh-Soph meets for underclassmen. Members get to compete in all dual-triangular meets both at home and away. All students are encouraged to participate.

TRACK & FIELD, GIRLS

The girls have 12 individual events and 5 relays in which to compete. Each girl is asked to set a season goal for herself the first day she comes to practice and several hope to set a personal record for the season in one or more of the events in which she participates.

VOLLEYBALL, GIRLS

Volleyball starts in August and runs through October. The team has open gyms and weight training in the off season. We play in the LIC Conference and also in three tournaments. Three levels of play are offered including Freshman, Junior Varsity and Varsity.

WRESTLING, BOYS AND GIRLS

The sport of Wrestling is geared for individuals of all sizes and ages to be able to participate. Fourteen weight classes range from 103 pounds to 275 pounds. Competition is offered for Fr/Soph as well as Varsity.

ORGANIZATIONS

ADMINISTRATION ADVISORY COUNCIL-AAC

The purpose of the AAC is to facilitate more effective communication at RHS between faculty and students and to provide the students with more ownership in their RHS education and experiences. The AAC is composed of an eclectic group of students that meet with the administration to discuss RHS. Students may join AAC by completing the application or by accepting an invitation from administration.

AUTO CLUB

The Auto Club is an informal organization open to auto mechanics students and any other interested persons. The students of the club are sponsoring field trips and educational activities in addition to the regular class lessons.

BETA CLUB

The Robinson High School Beta Club is an academic honor and service club affiliated with the National Beta Club. Membership is limited to Sophomores who have achieved a 4.0 GPA and Juniors and Seniors who have achieved a 3.50 GPA and maintain that average. Activities of the club include a formal induction as well as sponsoring a Red Cross blood drive, attending the state convention, and other social and service activities.

FUTURE BUSINESS LEADERS OF AMERICA - FBLA

The Future Business Leaders of America is organized for those students with an interest in business. FBLA is a national organization which strives to bring business and education together in a positive working relationship through innovative leadership and career development programs. Activities of the club include informal elections as well as sponsoring a March of Dimes drive, and other social service activities.

DRAMA CLUB

The RHS Drama Club is organized for those students with an interest in any production aspect of music/theater. The club's goal is to cast and produce a musical play in the winter with added productions throughout the year a possibility. Any student who is interested in acting, lighting, set design and construction, make-up, or pit musician is encouraged to get involved in Drama Club.

FELLOWSHIP OF CHRISTIAN ATHLETES

FCA is a non-denominational group of Christian athletes who meet every 2 weeks. Meetings are approximately 1 hour in length and are usually student led. Topics for discussion are selected by the students. Meetings are held in various locations including local churches and student's homes.

FCCLA

Formerly known as the Future Homemakers of America, FCCLA is a Home Economics related club. We are a State and National affiliated club with headquarters in Washington, D.C. Requirement for membership is to have had, or be presently enrolled in a Home Economics course. The officers help to set club goals for the year and recommend activities to the membership for approval. Activities include: decorating for school functions, offering babysitting services, sponsoring a Christmas party for children, Secret Santa, field trips to Indianapolis and Holiday World and fundraisers.

INTERACT CLUB

Interact is a service organization affiliated with the Robinson Rotary club. Interact is open to juniors and seniors meeting the specific requirements of grade point average and leadership qualities. All eligible students with the specific qualifications are invited to join and are inducted during the spring semester. Interact works with many service projects for the school, community, and world.

INTERNATIONAL CLUB

The International Club organizes programs, parties, field trips, and other special events that are designed to enrich the student's knowledge of International languages and cultures. Meetings are held during CCR and any student enrolled in Spanish or any other foreign language or has completed one year of foreign language is encouraged to become a club member.

KEY CLUB

Key Club is a service organization affiliated with the Robinson Kiwanis Club. It is a student-led club that develops great leadership skills and participates in many worthwhile community service programs and fund-raising campaigns for charity. Any community minded high school student may join.

LIBRARY FORUM

The RHS Library Forum is a supportive community of readers and writers among Robinson High School students. What makes us different from other high school extracurricular clubs is the use of online discussion boards to share poetry, short stories, book reviews, thoughts, and opinions. We have on-campus meetings about once a month. There are no membership fees and no fundraisers. Participate as much or as little as your busy schedule allows. Any RHS student who is interested in literature, learning, and fun is welcome to join during membership enrollment dates.

MATH TEAM

The Math Team is composed of students chosen by the math department to participate in academic competitions. The Math Team is composed of 10 different teams. Beginning in December, each team meets 1-2 hours per week, usually after school. Regional contest is in February at Eastern Illinois University and State contest is in April or May at Illinois State University.

MULTICULTURAL CLUB

The Multicultural Club is an organization open to all students. The goal of the club is to bring cultural awareness and education to RHS and the community through tackling difficult subjects of inclusivity and diversity in our community. Activities will consist of guest speakers, movie nights, field trips, fundraising, and group discussions over various topics.

NEWS 'N EVERYTHING

News 'N Everything, the school newspaper of Robinson High School, is written, edited and published by RHS students. The newspaper is entirely produced by computer in the RHS journalism laboratory. General requirements for any position are dependability, ability to talk to people, writing, computer skills, filing, photography or art.

ROBINILLO

The ROBINILLO staff is responsible for publishing the school yearbook. Various skills including computer design, event photography, edit photography, story writing, ad sales, creative development and administrative skills are needed by individual staff members to produce the publication. The yearbook is a year-long commitment. Out of school work sessions are a requirement for maintaining membership. Application should be made through the advisor during the spring semester to be eligible for the following school years' staff.

SAFE ALLIANCE

Safe Alliance is an organization open to all high school students who want to foster an active and diverse culture at Robinson High School. Safe Alliance provides opportunities for students to build friendships, encourage open-mindedness and diversity among the student body and within the community, and to educate the student body and surrounding community of issues related to diversity. Safe Alliance is free from discrimination based on age, color, gender or gender identification, disability, marital status, national origin or ancestry, parental status, race, religion, sex (male or female), sexual orientation, and/or socioeconomic status.

SCHOLASTIC BOWL

Scholastic Bowl is a form of interscholastic academic competition. We have competition at both the Junior Varsity and Varsity levels. Our season begins in October and goes through May. Included are night matches and Saturday tournaments. A match consists of 25 toss up questions asked to 2 five member teams. Questions must be answered by an individual team member in 10 seconds or less. The first team that correctly answers the question is then given a bonus to do together in 25 seconds. Questions are from all academic areas as well as vocational and sports. A student needs to have a grade average of B and be willing to practice at least twice a week to be a part of the team.

STUDENT SENATE

The purpose of this organization shall be to provide student communication with the administration and faculty; to aid in coordination of all student functions and extra-curricular activities; to encourage and promote a stronger school spirit; to encourage respect for high scholastic attainment; and further the general welfare of this school. The Student Senate shall consist of the elected Student Senate officers, the four (4) elected class presidents, and eight (8) representatives from each class.