# CURRICULUM GUIDE

for Students,
Parents, and Faculty

of

## RICHLAND COUNTY HIGH SCHOOL
## ~~2026~~ 2027 - ~~2027~~2028

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## GRADUATION REQUIREMENTS FOR RICHLAND COUNTY HIGH SCHOOL

Richland County High School requires 28 credits for graduation.
Students should register for 8 credits (2 per term) each year.

- 4 Credits of English
- 3 Credits of Mathematics
- 2 Credits of Science
- 3 Credits of Social Science
- 3 Credits of Physical Education/Weight Training/Marching Band/JROTC
- .5 Credit Health
- 1 Credit of Business (Computer)
- .5 Credit Resource Family Management (Consumer Education)

## MINIMUM COLLEGE ENTRY REQUIREMENTS FOR HIGH SCHOOL GRADUATES

College entry requirements vary considerably in colleges within Illinois and in other states. It is, therefore, impossible to state exact "subjects" a student must take in high school if a specific college cannot be named. College catalogs (available on-line) are the best way to check college requirements. Entrance requirements are generally stated as follows:

- 4 Credits of English
- 3-4 Credits of Mathematics
- 3-4 Credits of Science
- 3 Credits of Social Science
- 2 Credits of Foreign Language

## NCAA ELIGIBILITY REQUIREMENTS

NCAA Division I Requirements Fact Sheet

NCAA Division II Requirements Fact Sheet

DUAL CREDIT COURSES

Students may sign up for classes at RCHS that will earn both high school and college credit. Classes are offered at RCHS and through Illinois Eastern Community Colleges (IECC). Students must meet the prerequisites and course criteria for both high school and college before they register for dual credit courses. Transportation is NOT provided to any IECC campus.

The following courses are designated as possible dual credit. Requirements for classes below are:

- Juniors and Seniors only
- Students must complete any pre-requisite courses prior to the dual credit course
- Students taking dual credit courses must maintain a 90% attendance rate in that class to earn dual credit. (Students not meeting 90% attendance requirement must have documented and approved exemptions.)

Note: All students, enrolled in a dual credit course, must meet the above criteria in order to be awarded dual credit. **Due to the Dual Credit Act restrictions, not all of the courses listed below will be deemed "dual credit" every year.**

**IECC Tuition** for classes taught at RCHS will be reduced. Courses taught on IECC campus' will have a per credit hour fee. A few courses have additional fees. Students signing up for dual credit classes must follow IECC rules on dropping and adding courses. If a student wishes to drop a dual credit class, it is the responsibility of the student to contact the college prior to the drop date deadline. Students will be responsible for obtaining the books, and the cost of the books, for any courses taken on an IECC campus.

## IECC Courses

| RCHS Course Title | IECC Course Title | Course Number | IECC Cr. Hrs |
|---|---|---|---|
| DC Accounting (OCC) | Financial Accounting | OCC ACC 2101 | 4 |
| DC Advanced Spreadsheet | Spreadsheet | OCC CIS 1278 | 3 |
| DC Advanced Word Processing | Word Processing I | OCC DAP 2202 | 3 |
| DC Agricultural Business Management | Agribusiness Management | WVC AGR 2235 | 3 |
| DC Agricultural Sales & Marketing | Agricultural Salesmanship/<br>Agricultural Marketing | WVC AGR 2241<br>WVC AGR 2242 | 2<br>3 |
| DC Anatomy & Physiology (OCC) | Human Anatomy & Physiology I | OCC LSC 2111 | 4 |
| DC Auto Mechanics I (OCC) | Automotive Electronics | OCC AUM 1204 | 3 |
| DC Auto Mechanics II (OCC) | Automotive Chassis | OCC AUM 1205 | 3 |
| DC Auto Service I (OCC) | Selected Study Auto Repair | OCC AUM 1220 | 3 |
| DC Auto Service II (OCC) | Automotive Powertrain | OCC AUM 1203 | 3 |
| DC Biology (OCC) | General Biology I | OCC LSC 1101 | 4 |
| DC Business Ethics (OCC) | Introduction to Business | OCC BUS 1101 | 3 |
| DC Calculus I | Calculus and Analytic Geometry I | OCC MTH 1171 | 5 |
| DC Calculus II (OCC) | Calculus and Analytic Geometry II | OCC MTH 1172 | 5 |
| DC CEO I | Intro to Entrepreneurship/<br>Business Portfolio | OCC ENT 1210<br>OCC ENT 2210 | 3<br>2 |
| DC CEO II | Small Business Development | OCC ENT 1212 | 6 |
| DC College Algebra | College Algebra | OCC MTH 1102 | 4 |
| DC Communications | Communications | OCC ENG 1201 | 3 |
| DC Composition & Analysis | Composition & Analysis | OCC ENG 1121 | 3 |
| DC Composition I | Composition I | OCC ENG 1111 | 3 |

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|---|---|---|---|
| ~~DC Contemporary US History~~ | ~~US History Since 1877~~ | ~~OCC HIS 2102~~ | ~~3~~ |
| ~~DC Cosmetology A/B (OCC WRC)~~ | ~~Cosmetology I~~ | ~~OCC COS 1200~~ | ~~11~~ |
| ~~DC Criminal Justice~~ | ~~Introduction to Criminal Justice~~ | ~~OCC JUS 1200~~ | ~~3~~ |
| ~~DC Employment Skills~~ | ~~Employment Skills~~ | ~~OCC GEN 2297~~ | ~~3~~ |
| ~~DC Film & Editing~~ | ~~Introduction to Videography~~ | ~~FCC CAD 1205~~ | ~~3~~ |
| ~~DC Finite Mathematics~~ | ~~Finite Mathematics~~ | ~~OCC MTH 1151~~ | ~~3~~ |
| ~~DC Gas Metal Arc Welding (OCC)~~ | ~~Gas Metal Arc Welding~~ | ~~OCC WEL 1210~~ | ~~2~~ |
| ~~DC General Chemistry I~~ | ~~General Chemistry I~~ | ~~OCC CHM 1130~~ | ~~5~~ |
| ~~DC General Chemistry II (OCC)~~ | ~~General Chemistry II~~ | ~~OCC CHM 1132~~ | ~~5~~ |
| ~~DC Graphic Design~~ | ~~Computer Graphic Applications~~ | ~~FCC CAD 1211~~ | ~~3~~ |
| ~~DC Horticulture Production/Management~~ | ~~Introduction to Horticulture~~ | ~~WVC HRT 1208~~ | ~~3~~ |
| ~~DC Human Growth and Development (OCC)~~ | ~~Human Growth and Development~~ | ~~OCC PSY 2109~~ | ~~3~~ |
| ~~DC Industrial Maintenance I (OCC)~~ | ~~Intro to Industrial Maintenance/~~<br>~~Electromechanics~~ | ~~OCC INM 1206~~<br>~~OCC INM 2200~~ | ~~2~~<br>~~2~~ |
| ~~DC Industrial Maintenance II (OCC)~~ | ~~Mechanics~~ | ~~OCC INM 1200~~ | ~~3~~ |
| ~~DC Intro to Ethics (OCC)~~ | ~~Introduction to Ethics~~ | ~~OCC PSI 2101~~ | ~~3~~ |
| ~~DC Introduction to Statistics~~ | ~~Introduction to Statistics~~ | ~~OCC MTH 1131~~ | ~~3~~ |
| ~~DC Intro to Teaching/Child Care~~ | ~~The Whole Child/~~<br>~~Intro to Teaching~~ | ~~OCC EDU 2150~~<br>~~OCC EDU 1116~~ | ~~3~~<br>~~3~~ |
| ~~DC Medical Terminology (OCC)~~ | ~~Intro to Medical Terminology~~ | ~~OCC HEA 1225~~ | ~~3~~ |
| ~~DC Nursing Assistant CNA (OCC)~~ | ~~Basic Nurse Asst. Training~~ | ~~OCC HEA 1203~~ | ~~7~~ |
| ~~DC Principles of Business Management~~ | ~~Principles of Management~~ | ~~OCC BUS 2201~~ | ~~3~~ |
| ~~DC Psychology (OCC)~~ | ~~General Psychology I~~ | ~~OCC PSY 1101~~ | ~~3~~ |
| ~~DC Shielded Metal Arc Welding (OCC)~~ | ~~Shielded Metal Arc Welding I~~ | ~~OCC WEL 1215~~ | ~~2~~ |
| ~~DC Sociology (OCC)~~ | ~~Principles of Sociology~~ | ~~OCC SOC 2101~~ | ~~3~~ |
| ~~DC Speech~~ | ~~Fundamentals of Effective Speaking~~ | ~~OCC SPE 1101~~ | ~~3~~ |
| ~~DC Technical Mathematics (OCC)~~ | ~~Technical Mathematics~~ | ~~OCC MTH 1201~~ | ~~4~~ |
| ~~DC US History~~ | ~~US History to 1877~~ | ~~OCC HIS 2101~~ | ~~3~~ |
| ~~DC Welding II~~ | ~~Combination Welding I~~ | ~~OCC WEL 1260~~ | ~~2~~ |

| **RCHS Course Title** | **IECC Course Title** | **IECC Course Number** | **IECC Cr. Hrs** |
|---|---|---|---|
| DC Accounting Financial (OCC) | Financial Accounting | ACC 2101 | 3 |
| DC Accounting Managerial (OCC) | Managerial Accounting | ACC 2102 | 3 |
| DC Agricultural Business Management | Agribusiness Management | AGR 2235 | 3 |
| DC Agricultural Sales & Marketing | Agricultural Salesmanship/<br>Agricultural Marketing | AGR 2241<br>AGR 2242 | 2<br>3 |
| DC Anatomy & Physiology (OCC) | Human Anatomy & Physiology I | LSC 2111 | 4 |
| DC Auto Light Repair Tech I A (OCC) | Engine Basics | AUM 1246 | 2 |
| DC Auto Light Repair Tech I B (OCC) | Electrical Basics | AUM 1240 | 2 |
| DC Auto Light Repair Tech II A (OCC) | Steering & Suspension Basics | AUM 1244 | 2 |
| DC Auto Light Repair Tech II B (OCC) | Brake System Basics | AUM 1248 | 2 |
| DC Biology (OCC) | General Biology I | LSC 1101 | 4 |
| DC Business Computer Systems (OCC) | Business Computer Systems | DAP 1201 | 3 |
| DC Introduction to Business (OCC) | Introduction to Business | BUS 1101 | 3 |
| DC Calculus I | Calculus and Analytic Geometry I | MTH 1171 | 5 |

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|---|---|---|---|
| DC Calculus II (OCC) | Calculus and Analytic Geometry II | MTH 1172 | 5 |
| DC CEO I | Intro to Entrepreneurship/ | ENT 1210 | 3 |
| | Business Portfolio | ENT 2210 | 3 |
| DC CEO II | Small Business Development | ENT 1212 | 6 |
| DC Child Development II | Childhood Teaching Techniques | ECE 1204 | 3 |
| DC College Algebra | College Algebra | MTH 1102 | 4 |
| DC Communications | Communications | ENG 1201 | 3 |
| DC Composition & Analysis | Composition & Analysis | ENG 1121 | 3 |
| DC Composition I | Composition I | ENG 1111 | 3 |
| DC Contemporary US History (OCC) | US History Since 1877 | HIS 2102 | 3 |
| DC Employment Skills | Employment Skills | GEN 2297 | 3 |
| DC Film & Editing | Introduction to Videography | GAD 1205 | 3 |
| DC Finite Mathematics | Finite Mathematics | MTH 1151 | 3 |
| DC Gas Metal Arc Welding (OCC) | Gas Metal Arc Welding | WEL 1210 | 2 |
| DC General Chemistry I | General Chemistry I/ | CHM 1130 | 3 |
| | General Chemistry I Lab | CHM 1131 | 2 |
| DC General Chemistry II (OCC) | General Chemistry II/ | CHM 1132 | 3 |
| | General Chemistry II Lab | CHM 1133 | 2 |
| DC Human Growth and Development (OCC) | Human Growth and Development | PSY 2109 | 3 |
| DC Intro to Ethics (OCC) | Introduction to Ethics | PHI 2101 | 3 |
| DC Introduction to Statistics | Introduction to Statistics | MTH 1131 | 3 |
| DC Introduction to Teaching | Education in a Diverse Society/ | EDU 1101 | 3 |
| | Introduction to Teaching | EDU 1116 | 3 |
| DC Medical Terminology (OCC) | Intro to Medical Terminology | HEA 1225 | 3 |
| DC Nursing Assistant CNA (OCC) | Basic Nurse Asst. Training | HEA 1203 | 7 |
| DC Principles of Business Management | Principles of Management | BUS 2201 | 3 |
| DC Psychology (OCC) | General Psychology | PSY 1101 | 3 |
| DC Shielded Metal Arc Welding (OCC) | Shielded Metal Arc Welding I | WEL 1215 | 2 |
| DC Sociology (OCC) | Principles of Sociology | SOC 2101 | 3 |
| DC Speech | Fundamentals of Effective Speaking | SPE 1101 | 3 |
| DC Technical Mathematics (OCC) | Technical Mathematics | MTH 1201 | 4 |
| DC US History | U.S. History to 1877 | HIS 2101 | 3 |
| DC Welding II | Combination Welding I | WEL 1260 | 2 |

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## GRADING SYSTEMS

Weighted Grade System for Honors Courses (Honor Rolls will be figured with weighted grades.)

A = 6.0 B = 5.0 C = 3.0 D = 2.0 F = 1.0

DC Composition & Analysis
Pre-Calculus/Trigonometry
DC Calculus I
DC Calculus II
DC College Algebra
DC Introduction to Statistics
DC Finite Mathematics
DC Biology
DC General Chemistry I
DC General Chemistry II
Physics
Anatomy & Physiology
DC Anatomy & Physiology

**********

Regular Grade System

A = 5.0 B = 4.0 C = 3.0 D = 2.0 F = 1.0

**********

Special Education Grade System (Self-contained)

A = 3.0 B = 2.5 C = 2.0 D = 1.5 F = 1.0

The criteria for this program are set by the Special Education Coordinator and the High School Special Education instructors. Only students who meet these criteria will be enrolled in this program.

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Prerequisites

Many courses are designed to progress in a systematic sequence. If a circumstance arises where the need to supersede the required prerequisite is in the best interest of the student, Administrative approval will be required.

| ENGLISH | CREDITS | CLASS LEVEL | | | |
|---|---|---|---|---|---|
| Composition & Literature I | 1 | 9 | | | |
| Composition & Literature II | 1 | | 10 | | |
| Composition & Literature III | 1 | | | 11 | |
| DC Composition I | 1 | | | | 12 |
| DC Composition & Analysis | 1 | | | | 12 |
| Composition & Literature IV | 1 | | | | 12 |
| DC Communications | 1 | | | | 12 |
| DC Speech | .5 | | | 11 | 12 |
| Creative Writing | .5 | 9 | 10 | 11 | 12 |
| **FOREIGN LANGUAGE** | | | | | |
| Spanish I | 1 | 9 | 10 | 11 | 12 |
| Spanish II | 1 | 9 | 10 | 11 | 12 |
| Spanish III | 1 | | 10 | 11 | 12 |
| Spanish IV | 1 | | 10 | 11 | 12 |
| **MATHEMATICS** | | | | | |
| Algebra I | 1 | 9 | | | |
| Geometry~~Integrated Mathematics II~~ | 1 | | 10 | | |
| Integrated Mathematics III | 1 | | 10 | 11 | |
| ~~Math Concepts~~ | ~~1~~ | | ~~10~~ | | |
| Advanced Math Concepts | 1 | | | 11 | |
| Pre-Calculus/Trigonometry | 1 | | | 11 | 12 |
| DC Calculus I | 1 | | | | 12 |
| DC Calculus II (OCC) | 1 | | | | 12 |
| DC College Algebra | 1 | | | 11 | 12 |
| DC Introduction to Statistics | 1 | | | | 12 |
| DC Finite Mathematics | 1 | | | 11 | 12 |
| DC Technical Mathematics (OCC) | 1 | | | | 12 |
| **SCIENCE** | | | | | |
| Integrated Science | 1 | 9 | | | |
| Biology I | 1 | 9 | 10 | | |
| DC Biology (OCC) | 1 | | | 11 | 12 |
| Chemistry I | 1 | | 10 | 11 | 12 |
| Biomedical Science | 1 | | | 11 | 12 |
| DC General Chemistry I | 1 | | | 11 | 12 |
| DC General Chemistry II (OCC) | 1 | | | | 12 |
| Physics | 1 | | | 11 | 12 |
| Anatomy & Physiology | 1 | | | 11 | 12 |
| DC Anatomy & Physiology (OCC) | 1 | | | | 12 |
| **SOCIAL SCIENCE** | | | | | |
| World History/Western Civilization I | .5 | 9 | 10 | | |
| World History/Western Civilization II | .5 | 9 | 10 | | |
| United States History | 1 | | | 11 | |
| Contemporary U.S. History | .5 | | | 11 | |
| DC United States History (OCC) | 1 | | | 11 | |
| DC Contemporary United States History (OCC) | ~~.5~~ 1 | | | 11 | |

| SOCIAL SCIENCE (Cont) | CREDITS | CLASS LEVEL | | | | |
|---|---|---|---|---|---|---|
| Civics | .5 | | | 11 | 12 | |
| Sociology | .5 | | | 11 | 12 | |
| Psychology | .5 | | | 11 | 12 | |
| DC Psychology (OCC) | 1 | | | 11 | 12 | |
| DC Sociology (OCC) | 1 | | | 11 | 12 | |
| DC Human Growth & Development (OCC) | 1 | | | 11 | 12 | |
| DC Intro to Ethics (OCC) | 1 | | | | 12 | |
| | | | | | | |
| **ARTS & COMMUNICATION** | | | | | | |
| Art Exploration | 1 | 9 | 10 | 11 | 12 | |
| Drawing I/II | .5/.5 | 9 | 10 | 11 | 12 | |
| ~~Pottery &~~ Ceramics I/II | | | .5/.5 | | 10 | 11 |
| 12 | | | | | | |
| Sculpture I/II | .5/.5 | | 10 | 11 | 12 | |
| Mixed Media | .5 | 9 | 10 | 11 | 12 | |
| Painting I/II | .5/.5 | | 10 | 11 | 12 | |
| Advanced Art Portfolio | .5 | | | | 12 | |
| Survey of the Arts | .5 | 9 | 10 | 11 | 12 | |
| Graphic Design | .5 | | 10 | 11 | 12 | |
| ~~DC Graphic Design (OCC)~~ | ~~1~~ | | | ~~11~~ | ~~12~~ | |
| Drama 101 | 1 | 9 | 10 | 11 | 12 | |
| Music History | .5 | | 10 | 11 | 12 | |
| Music Theory I/II | | .5 | /.5 | 10 | 11 | 12 |
| ~~Music Theory II~~ | ~~.5~~ | | ~~10~~ | ~~11~~ | ~~12~~ | |
| Guitar I/II | .5/.5 | 9 | 10 | 11 | 12 | |
| Marching Band | .5 | 9 | 10 | 11 | 12 | |
| Early Marching Band (Before School) | NC | 9 | 10 | 11 | 12 | |
| Honors Wind Ensemble (Before School) | NC | | 10 | 11 | 12 | |
| Symphonic Band | .5 per term | 9 | 10 | 11 | 12 | |
| Marching Band Auxiliary/Flag Squad | .5 | 9 | 10 | 11 | 12 | |
| Film & Editing I | .5 | 9 | 10 | 11 | 12 | |
| Film & Editing II | .5 | | 10 | 11 | 12 | |
| DC Film & Editing | 1 | | | 11 | 12 | |
| Podcasting | .5 | | 10 | 11 | 12 | |
| Yearbook I | .5 | 9 | 10 | 11 | | |
| Yearbook II | 1 | | 10 | 11 | 12 | |
| Yearbook III | 1 | | | 11 | 12 | |
| Yearbook IV | 1 | | | 11 | 12 | |
| Yearbook V | 1 | | | | 12 | |
| Yearbook VI | 1 | | | | 12 | |
| Chorus (OTE) | | 9 | 10 | 11 | 12 | |
| | | | | | | |
| **PHYSICAL EDUCATION** | | | | | | |
| Physical Education | .5 per term | 9 | 10 | 11 | 12 | |
| Weight Training | .5 per term | 9 | 10 | 11 | 12 | |
| | | | | | | |
| **JROTC** | | | | | | |
| JROTC (AI) | .5 per term | 9 | 10 | | | |
| JROTC (SAI) | .5 per term | | | 11 | 12 | |

| | | | | | |
|---|---|---|---|---|---|
| **DRIVER EDUCATION** | | | | | |
| Driver Education (School Year) | .5 | 9 | 10 | 11 | |
| Driver Education (Summer) | 0 | 9 | 10 | 11 | |
| **HEALTH OCCUPATIONS** | **CREDITS** | **CLASS LEVEL** | | | |
| Health Education | .5 | 9 (Preferred to take in 9th grade) | | | |
| Orientation to Health Occupations | .5 | 9 | 10 | 11 | 12 |
| Health Occupation Related Skills | .5 | 9 | 10 | 11 | 12 |
| DC Nursing Assistant (C.N.A.) (OCC) | 1 | | | 11 | 12 |
| DC Medical Terminology (OCC) | 1 | | | 11 | 12 |
| **AGRICULTURE** | | | | | |
| Introduction to the Agricultural Industry | 1 | 9 | 10 | 11 | 12 |
| Agricultural Science | 1 | 9 | 10 | 11 | 12 |
| ~~DC~~ Horticulture Production and Management | 1 | | | 11 | 12 |
| Natural Resources Management & Conservation | 1 | | 10 | 11 | 12 |
| DC Agricultural Business Management~~*~~ (2027-28) | 1 | | | 11 | 12 |
| DC Agricultural Sales & Marketing* (202~~6~~8-2~~7~~9) | 1 | | | 11 | 12 |
| Veterinary Science | 1 | | | 11 | 12 |
| Basic Agricultural Mechanics | 1 | | 10 | 11 | 12 |
| Advanced Agricultural Mechanics~~*~~ (2027-28) | 1 | | | 11 | 12 |
| Agricultural Engineering* (202~~6~~8-2~~7~~9) | 1 | | | 11 | 12 |
| Welding I | 1 | | | 11 | 12 |
| DC Welding II | 1 | | | 11 | 12 |
| DC Gas Metal Arc Welding (OCC) | .5 | | | | 12 |
| DC Shielded Metal Arc Welding (OCC) | .5 | | | | 12 |
| Supervised Agricultural Experience Program I | .25(per yr) | 9 | 10 | | |
| Supervised Agricultural Experience Program II | .25(per yr) | | | 11 | 12 |
| **BUSINESS** | | | | | |
| Computer Concepts & Software Applications | .5 | 9 | 10 | | |
| Information Processing | .5 | 9 | 10 | | |
| Accounting I | 1 | | 10 | 11 | 12 |
| DC Accounting Financial (OCC) | 1 | | | 11 | 12 |
| DC Accounting Managerial (OCC) | 1 | | | 11 | 12 |
| Introduction to Business | .5 | 9 | 10 | 11 | 12 |
| Business Law | .5 | | | 11 | 12 |
| App Development | 1 | | 10 | 11 | 12 |
| DC Business Computer Systems | 1 | | | 11 | 12 |
| ~~DC Advanced Word Processing~~ | ~~.5~~ | | | ~~11~~ | ~~12~~ |
| ~~DC Advanced Spreadsheet~~ | ~~.5~~ | | | ~~11~~ | ~~12~~ |
| DC CEO I | 1 | | | | 12 |
| DC CEO II | 1 | | | | 12 |
| DC Principles of Business Management | 1 | | | 11 | 12 |
| DC Introduction to Business~~Business Ethics~~ (OCC) | 1 | | | 11 | 12 |
| DC Employment Skills | 1 | | | 11 | 12 |
| Work Based Learning | 3-5 | | | | 12 |

| | | | | | |
|---|---|---|---|---|---|
| Office Aide | .5-1 | | | 11 | 12 |
| | | | | | |
| **FAMILY AND CONSUMER SCIENCE** | | | | | |
| Intro to Family & Consumer Science | .5 | 9 | 10 | 11 | 12 |
| Child Development I | .5 | | 10 | 11 | 12 |
| DC Child Development II | ~~.5~~ 1 | | | 11 | 12 |



| **FAMILY AND CONSUMER SCIENCE (Cont)** | **CREDITS** | | **CLASS LEVEL** | | |
|---|---|---|---|---|---|
| Nutrition & Culinary Arts I | .5 | 9 | 10 | 11 | 12 |
| Nutrition & Culinary Arts II | .5 | | 10 | 11 | 12 |
| Culinary Occupations I | .5 | | | 11 | 12 |
| Textiles & Design I | .5 | | 10 | 11 | 12 |
| Textiles & Design II | .5 | | 10 | 11 | 12 |
| Fashion Merchandizing | .5 | | 10 | 11 | 12 |
| Interior Design | .5 | | 10 | 11 | 12 |
| Human Development & Family Wellness | .5 | | | 11 | 12 |
| Elementary School Tutoring | .5-1 | | | 11 | 12 |
| Middle School Tutoring | .5-1 | | | 11 | 12 |
| Parenting | .5 | | | 11 | 12 |
| DC Intro to Teaching~~/Child Care~~ | 1 | | | 11 | 12 |
| Resource Family Management & Planning | .5 | | 10 | 11 | 12 |
| ~~DC Cosmetology (OCC @ WRC)~~ | ~~2~~ | | | | ~~12~~ |
| DC Criminal Justice | 1 | | | 11 | 12 |
| | | | | | |
| **TRADE & INDUSTRIAL** | | | | | |
| Industrial Safety | .5 | 9 | 10 | 11 | 12 |
| Introduction to Engineering | .5 | | 10 | 11 | 12 |
| Principals of Engineering | .5 | | | 11 | 12 |
| Basic Woodworking | .5 | 9 | 10 | 11 | 12 |
| Construction Trades I | 1 | | | 11 | 12 |
| Construction Trades II | 1 | | | 11 | 12 |
| Beginning Machining | .5 | | 10 | 11 | 12 |
| Machine Tool Technology | 1 | | | 11 | 12 |
| Beginning Automotive Service | .5 | | 10 | 11 | 12 |
| DC ~~Auto Mechanics I~~Auto Light Repair Tech I A* (OCC)~~ (2027-28)~~ | 1 | | | 11 | 12 |
| DC Auto Light Repair Tech I B (OCC)~~Mechanics II* (OCC) (2027-28)~~ | 1 | | | 11 | 12 |
| DC Auto Light Repair Tech II A (OCC)~~Service I (OCC) (2026-27)~~ | 1 | | | 11 | 12 |
| DC Auto Light Repair Tech II B (OCC)~~Service II (OCC) (2026-27)~~ | 1 | | | 11 | 12 |
| ~~DC Industrial Maintenance Tech I (OCC)~~ | ~~1~~ | | | ~~11~~ | ~~12~~ |
| ~~DC Industrial Maintenance Tech II (OCC)~~ | ~~1~~ | | | ~~11~~ | ~~12~~ |
| | | | | | |
| **SPECIAL EDUCATION** | | | | | |
| Must meet eligibility criteria | 1 ea. | 9 | 10 | 11 | 12 |

*Does not meet this year

**0109 COMPOSITION & LITERATURE I (01001A000)** ***Required Course***

Duration: 2 Terms (1 Credit)
Level: 9
Prerequisite: None

Course content includes, but is not limited to, vocabulary; conventions of Standard English—addressing punctuation and usage, parts of speech, and sentence structure; beginning composition of effective sentences, paragraphs, and extended writing; MLA formatting; and presentation skills through written and oral communication. Students will enhance reading strategies and analytical skills while examining plot elements and literary devices through a variety of texts, including short stories, classical works, non-fiction, a selected novel, and independent reading.

**0110 COMPOSITION & LITERATURE II (01002A000)** ***Required Course***

Duration: 2 Terms (1 Credit)
Level: 10
Prerequisite: Composition & Literature I

Course content includes, but is not limited to, further development of vocabulary; conventions of Standard English—addressing punctuation and usage, parts of speech, and sentence structure; composition of effective sentences, paragraphs, and extended writing; MLA formatting; and developing presentation skills through written and oral communication. Students will enhance reading strategies and analytical skills while examining plot elements and literary devices through a variety of nonfiction and fiction texts, including short stories, classical dramas, and selected novels.

**0111 COMPOSITION & LITERATURE III (01003A000)** ***Required Course***

Duration: 2 Terms (1 Credit)
Level: 11
Prerequisite: Composition & Literature II

Course content includes, but is not limited to, further development of vocabulary; conventions of Standard English—addressing punctuation, usage, and sentence structure; composition of effective paragraphs and extended writings; MLA formatting; and presentation skills through written and oral communication. Students will enhance reading strategies and analytical skills while examining a variety of nonfiction and fiction texts, including short stories and selected novels by American authors.

**0112 DC COMPOSITION I (01004A000)**

Duration: 2 Terms (1 Credit)
Level: 12
Prerequisite: Composition & Literature III; Cumulative GPA of 4.0 or above
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: ENG 1111 Composition I

Dual Credit Composition I is an introductory course in composition and rhetoric emphasizing expository prose. Major focus is on organization, paragraph structure, and elimination of mechanical errors. The writing course sequence will (1) develop awareness of the writing process; (2) provide organizational and editorial strategies; (3) stress the variety of uses for writing; and (4) emphasize critical skills in reading, thinking, and writing. Grade of C or better is required for IAI transfer credit. **90% attendance is required for dual credit.**

**0117 DC COMPOSITION & ANALYSIS (01052A000)** ***Weighted***

Duration: 2 Terms (1 Credit)
Level: 12
Prerequisite: Dual Credit Composition I; Cumulative GPA of 4.0 or above
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: ENG 1121 Composition & Analysis

This course focuses on organization, logic, and correct research techniques and format, including American Psychological Association and/or Modern Language Association parenthetical noting and bibliographic citations. It also includes an introduction to one genre of literature and the writing of a critical analysis of a piece of literature. ~~critical analysis of literature as well as researched-based projects and essays.~~ The writing course sequence will (1) develop awareness of the writing process; (2) provide inventional, organizational, and editorial strategies; (3) stress the variety of uses for writing; and (4) emphasize critical skills in reading, thinking, and writing. Grade of C or better is required for IAI transfer credit. **90% attendance is required for dual credit.**

**0119 COMPOSITION & LITERATURE IV (01004A000)**

Duration: 2 Terms (1 Credit)
Level: 12
Prerequisite: Composition & Literature III

Course content includes, but is not limited to, further development of vocabulary; conventions of Standard English; composition of extended writings; MLA formatting; and presentation skills through written and oral communication. Students will enhance reading strategies and analytical skills while examining a variety of nonfiction and fiction texts, including short stories, classical works, and selected novels.

**0120 DC COMMUNICATIONS (01004A001)**

Duration: 2 Terms (1 Credit)
Level: 12
Prerequisite: Must have taken or be enrolled in one or more CTE courses during the junior or senior year and show interest in a CTE career field.
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: ENG 1201 Communications

This course is designed to develop the student's appreciation of the value of communication between individuals and between business and industries. It is to provide a practical application for today's trades, business, and industrial workers, particularly in the comprehension and expression of written English as it applies to business letters, reports, and memoranda. **90% attendance is required for dual credit**.

**0123 DC SPEECH (01151A000)**

Duration: 1 Term (.5 Credit)
Level: 11, 12
Prerequisite: Cumulative GPA of 4.0 or above
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: SPE 1101 Fundamentals of Effective Speaking

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. In addition, students will use technologies to augment the effectiveness of communication. **90% attendance is required for dual credit**.

**0125 CREATIVE WRITING (01104A000)**

Duration: 1 Term (.5 Credit)
Level: 9, 10, 11, 12
Prerequisite: None

This course is designed for students who enjoy evaluating, writing, and sharing various types of literature. The class will create and share original types of writing. Peer evaluation will be an essential part of the process. Also, entries for various writing contests and publications will be explored and encouraged. This class does not fulfill any English requirements for graduation.

**0150 SPANISH I (24052A000)**

Duration: 2 Terms (1 Credit)
Level: 9, 10, 11, 12
Prerequisite: None

Spanish I is an introduction to and a beginning study of the Spanish language. Students will be learning Spanish through CI (comprehensible input), which involves story participation and the reading and writing of stories. Students will also be introduced to vocabulary through music. Throughout the course, the students will study different cultural events of Spanish-speaking countries. Primary emphasis is placed on understanding of written and spoken language and less on output (speaking). Students will exhibit comprehension of culture and language at a novice low to novice mid proficiency level through interpersonal and interpretive modes.

**0155 SPANISH II (24053A000)**

Duration: 2 Terms (1 Credit)
Level: 9, 10, 11, 12
Prerequisite: Spanish I

Spanish II continues the study of Spanish I. Students will work towards competency in expressing themselves in the past, present, and future. Students will also acquire cultural knowledge and be able to make comparisons between their culture and others, along with advanced work in vocabulary through reading, media, and music. Students will continue to expand their language comprehension through listening and reading while primary emphasis will be placed on output of the language. They will exhibit comprehension of culture and language at a novice mid to novice high proficiency level through interpersonal, interpretive, and presentation modes.

**0160 SPANISH III (24054A000)**

Duration: 2 Terms (1 Credit)
Level: 10, 11, 12
Prerequisite: Spanish II with a "C" average or better

Students work towards competency in expressing themselves freely and spontaneously in Spanish and acquire an appreciation of the cultural aspects of Spanish-speaking countries. Students continue advanced work in vocabulary and grammar through the topics of: careers, health, and the environment, as well as art, music, literature, and current events. They will exhibit comprehension of culture, language, and Spanish literature at an intermediate low to intermediate mid proficiency level through interpersonal, interpretive, and presentation modes. Students are open to take the Illinois Seal of Biliteracy exam.

**0165 SPANISH IV (24055A000)**

Duration: 2 Terms (1 Credit)
Level: 10, 11, 12
Prerequisite: Spanish III with a grade of "C" or better

Students' main emphasis will demonstrate a high level of cultural awareness of Spanish-speaking countries, including travel, architecture, history, and geography. In addition students will acquire literary comprehension of short stories and novels. They will exhibit comprehension of culture, language, and Spanish literature at an intermediate mid to high proficiency level through interpersonal, interpretive, and presentation modes. Students will review all grammar and vocabulary from previous classes in preparation for taking the Illinois Seal of Biliteracy exam in the four content areas of speaking, writing, listening, and reading.

**0203 ALGEBRA I (02052A000)**

Duration: 2 Terms (1 Credit)
Level: 9
Prerequisite: None

The Algebra I course includes the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first-degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; solving quadratic equations; and modeling linear data.

**0204 GEOMETRY (02072A000)**

Duration: 2 Terms (1 Credit)
Level: 10
Prerequisite: Algebra I

The Geometry course includes the study of geometric reasoning, coordinate geometry, parallel and perpendicular lines, transformations, triangle congruence, relationships within triangles, properties of quadrilaterals, similarity, right triangle trigonometry, properties of circles, surface area and volume, and probability.

~~**0206 INTEGRATED MATHEMATICS II (02063A000)**~~

~~Duration: 2 Terms (1 Credit)~~
~~Level: 10~~
~~Prerequisite: Mathematics I with a grade of "C" or better~~

~~Integrated Mathematics courses emphasize the teaching of mathematics as problem solving, communication, and reasoning, and emphasize the connections among mathematical topics and between mathematics and other disciplines. The Integrated Mathematics II course emphasizes proficiency in skills involving numbers and operations, algebra (linear, exponential, and quadratic functions), geometry (right triangle trigonometry, quadrilaterals, and circles), statistics, mathematical modeling, and probability.~~

**0207 INTEGRATED MATHEMATICS III (02064A000)**

Duration: 2 Terms (1 Credit)
Level: 10, 11
Prerequisite: Mathematics II with a grade of "C" or better

Integrated Mathematics courses emphasize the teaching of mathematics as problem solving, communication, and reasoning, and emphasize the connections among mathematical topics and between mathematics and other disciplines. The Integrated Mathematics III course emphasizes proficiency in skills involving numbers and operations, algebra (polynomial, logarithmic, rational, and radical), geometry (trigonometry and unit circle), statistics, mathematical modeling, and probability.

~~**0208 MATH CONCEPTS (02063A000)**~~

~~Duration: 2 Terms (1 Credit)~~
~~Level: 10~~
~~Prerequisite: Mathematics I with Teacher Recommendation~~

~~This course is a collection of Algebraic and Geometric concepts. There will be a review and extension of concepts introduced in Mathematics I and several Geometry topics will be examined in detail. Topics include but are not limited to: solving equations, graphing functions, quadratic functions, and a variety of geometry concepts.~~

**0210 ADVANCED MATH CONCEPTS (02074A000)**

Duration: 2 Terms (1 Credit)
Level: 11
Prerequisite: Math Concepts or Mathematics II with Teacher Recommendation

This course is an extension of the Algebraic and Geometric concepts taught in previous courses. Advanced Geometry concepts including trigonometry will be covered. Quadratic Functions will be reviewed and extended into the complex number system. Probability and Statistics concepts will be covered.

**0215 PRE-CALCULUS/TRIGONOMETRY (02110A000)** ***Weighted***

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: DC Algebra~~Mathematics III~~ with a grade of "C" or better

The first term of this class will emphasize the study of rational and polynomial functions, exponential and logarithmic functions, conic sections and families of graphs. There will also be a short review of linear and quadratic functions. Technology will be used extensively.

During the second term of this course, trigonometry will be emphasized. The six basic trig functions will be presented and used to solve right triangles in a variety of practical situations. Basic identities are proved and are used to solve and prove other identities and conditional trigonometric equations. Additional topics include the derivation and use of formulas for composite angles, graphs, and inverse trig functions.

**0220 DC CALCULUS I (02123A000)** ***Weighted***

Duration: 2 Terms (1 Credit)
Level: 12
Prerequisite: Pre-Calculus/Trigonometry and DC Algebra; Cumulative GPA of 4.0 or above
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: MTH 1171 Calculus and Analytic Geometry I

A first course in calculus and analytic geometry. Topics include: basic techniques of differentiation and integration with applications including curve sketching, anti differentiation, the Reimann integral, the fundamental theorem of calculus, transcendental functions and applications of the definite integral. Technology will be used throughout the course. Students are strongly advised to complete this sequence at one institution. **90% attendance is required for dual credit.**

**0222 DC CALCULUS II (02108A000) (OCC)** ***Weighted***

Duration: 2 Terms (1 Credit)
Level: 12
Prerequisite: DC Calculus I; Cumulative GPA of 4.0 or above
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: MTH 1172 Calculus and Analytic Geometry II

A second course in calculus and analytic geometry. Topics include: applications of integration, exponential, logarithmic and other transcendental functions, techniques of integration, infinite series, polar coordinates, parametric equations, and conic sections. Technology will be used throughout the course. Students are strongly advised to complete this sequence at one institution. **90% attendance is required for dual credit.**

**0225 DC COLLEGE ALGEBRA (02057A000)** ***Weighted***

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Math III or Advanced Math Concepts; Cumulative GPA of 4.0 or above
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: MTH 1102 College Algebra

This is an advanced course in algebra. It includes a review of algebraic concepts and skills; first and second degree equations and inequalities; complex numbers; systems of equations and inequalities, including matrices and determinants; functions; graphing; the theory of equations; sequences, series; and binomial expansion. Additional topics may be selected from mathematical induction, permutations and combinations, probability. This course requires the use of appropriate technology, such as graphics calculators and/or computers. **90% attendance is required for dual credit.**

**0230 DC INTRODUCTION TO STATISTICS (02201A000)** ***Weighted***

Duration: 2 Terms (1 Credit)
Level: 12
Prerequisite: Mathematics III; Cumulative GPA of 4.0 or above
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: MTH 1131 Introduction to Statistics

This course focuses on statistical reasoning and the solving of real-life problems, rather than on computational skills. The use of technology-based computations (more advanced than a basic scientific calculator, such as graphing calculators with a statistical package, spreadsheets, or statistical computing software) is required with an emphasis on interpretation and evaluation of statistical results. Topics include data collection processes (observational studies, experimental design, sampling techniques, bias), descriptive methods using quantitative and qualitative data, bivariate data, correlation, and least squares regression, basic probability theory, probability distributions (normal distributions and normal curve, binomial distribution), confidence intervals and hypothesis tests using p-values. **90% attendance is required for dual credit.**

**0235 DC FINITE MATHEMATICS (02136A000)** ***Weighted***

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: DC College Algebra; Cumulative GPA of 4.0 or above
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: MTH 1151 Finite Mathematics

This course is designed primarily for those students majoring in business, social and behavioral sciences, and nonphysical sciences. It is not designed to be taken by mathematics majors. This course emphasizes the concepts and applications of mathematics rather than mathematical structures. The following topics are covered: vectors, determinants, matrices and matrix algebra; systems of linear equations and matrices; systems of inequalities and linear programming; simplex method, set theory, Venn Diagrams, logic and Boolean algebra; counting and probability theory; stochastic processes; game theory; Markov chain methods; mathematical modeling; and the mathematics of finance. Technology will be used throughout the course. **90% attendance is required for dual credit.**

**0240 DC TECHNICAL MATHEMATICS (02153A001) (OCC)**

Duration: 2 Terms (1 Credit)
Level: 12
Prerequisite: Advanced Math Concepts or Mathematics III; Cumulative GPA of 3.0 or above
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: MTH 1201 Technical Mathematics

This course is designed for students enrolled in technical programs. Topics include: measurement and approximation, algebraic principles and operation, identification and use of formulas. In addition, geometric and trigonometric principles may also be covered if applicable to the program area. Emphasis is placed on the application of mathematical concepts to the solution of problems in vocational and technical fields. **90% attendance is required for dual credit.**

**0300 INTEGRATED SCIENCE (03201A000)**

Duration: 2 Terms (1 Credit)
Level: 9
Prerequisite: None

Integrated science is designed to meet the physical science requirement at RCHS. This course will integrate topics related to force and motion, meteorology, forces and processes of the earth, as well as composition and structure of the universe. Students will practice good science techniques in solving problems by collecting data and analyzing data through various lab activities designed around the curriculum. The students will show scientific inquiry skills as well as accepted practices in science. Upon successful completion of the course students will be directed as to the pace at which to take other science courses.

**0302 BIOLOGY I (03051A000)**

Duration: 2 Terms (1 Credit)
Level: 9, 10
Prerequisite: Integrated Science

Biology I is designed to meet one of the two credits in lab science required for graduation. This course is designed to examine the scientific method as it has historically been used and as it can presently be applied to the solution of biological problems. Students are required to do a project during the second 9 week term to demonstrate the use of the scientific method. Levels of biological organization are examined and the diversity of living things is studied. Knowledge of energy flow through an organism and through an environment, aids the student in understanding the inter-relationships of organisms in the biosphere.

Biology I provides a basis for further study in the life sciences and attempts to develop interest in many vocations. In Biology I, the student is introduced to laboratory procedures for investigation and interpretation of data.

**0304 DC BIOLOGY (03052A000) (OCC)** ***Weighted***

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Biology I and Chemistry I; Cumulative GPA of 4.0 or above
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: LSC 1101 General Biology I

This is a general introduction to the evolutionary study of life. 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, developmental biology and reproduction will be included. Related laboratory exercises will be incorporated. This course is the first class in an introductory sequence for biological sciences majors. **90% attendance is required for dual credit.**

**0306 CHEMISTRY I (03101A000)**

Duration: 2 Terms (1 Credit)
Level: 10, 11, 12
Prerequisite: ~~Mathematics I~~Algebra I with a grade of "C" or better AND Biology I with a grade of "C" or better

This course is designed to give students a strong background in chemistry that covers the following topics: scientific measurement, atomic theory, the periodic table, electronic structure, chemical bonding and nomenclature, the mole concept stoichiometry and the gas laws. The class provides numerous lab opportunities to apply chemical concepts from class.

**0308 BIOMEDICAL SCIENCE (03212A000)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Biology I with a grade of "C" or better AND Chemistry I with a grade of "C" or better

Biomedical Science is designed to explore how medicine plays a role within the world of Biology and Chemistry. Based on the foundation of forensics, students will uncover factors that led to the death of a fictional person by learning to examine autopsy reports, medical history, and medical treatments given during the person's lifetime. The laboratory activities and class requirements will allow students to explore human physiology, basic biology, basic chemistry, medicine, and various research processes. The course will be very hands-on and student centered, therefore, an understanding of Biology and Chemistry is required.

**0310 DC GENERAL CHEMISTRY I (03102A000)** ***Weighted***

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Chemistry I with a grade of "B" or better or "C" with Instructor approval AND ~~Math II~~DC College Algebra or 3 years of Math with a grade of "B" or better or "C" with Instructor approval
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: CHM 1130 General Chemistry I and CHM 1131 General Chemistry I Lab

This course provides general principles in chemistry. The course is presented using an atoms-first approach, and focuses on developing an understanding of atomic theory, quantum mechanics, periodic trends, chemical bonding, stoichiometry, aqueous solutions, thermochemistry and gas laws.~~This course is recommended for students who plan to pursue a degree in science heavily dependent upon the field of Chemistry. This course reviews the previous concepts acquired in Chemistry I while introducing kinetics, thermodynamics, equilibrium, acids and bases, and the beginning understanding of Organic Chemistry.~~ Applications of general chemistry principles and theories in the laboratory setting including fundamentals of inorganic chemistry, atomic structure and states of matter, bonding, stoichiometry, acid-base concepts, periodicity and solution chemistry. The course provides a strong foundation in chemistry laboratory skills, performance of science investigations, use of scientific equipment, and calculations with experimental data. **90% attendance is required for dual credit.**

**0314 DC GENERAL CHEMISTRY II (03104A000) (OCC)** ***Weighted***

Duration: 2 Terms (1 Credit)
Level: 12
Prerequisite: DC General Chemistry I; Cumulative GPA of 4.0 or above
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: CHM 1132 General Chemistry II and CHM 1133 General Chemistry II Lab

Topics include the periodic table of the elements, atomic structure, basic concepts of quantum theory, bonding, stoichiometry of compounds and reactions, thermochemistry, the gaseous state, basic concepts of the liquid and solid states, solutions, acid and bases, equilibrium, acid-base equilibria, solubility equilibria, kinetics, thermodynamics, electrochemistry, coordination compounds, nuclear chemistry and descriptive topics in inorganic chemistry. Continued applications of general chemistry principles in the laboratory setting. This course provides a strong foundation in chemistry laboratory skills, performance of science investigations, use of scientific equipment, and calculations with experimental data. ~~This course introduces chemical kinetics, equilibria, acid-base concepts, thermodynamics, electrochemistry and nuclear chemistry. The descriptive chemistry of each family is covered, together with a discussion of the transition elements. The course concludes with a study of organic chemistry.~~ **90% attendance is required for dual credit.**

**0326 PHYSICS (03151A000)** ***Weighted***

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Mathematics III with a "B" average or better. Strongly encouraged to be in Pre-Calculus.

First term deals with topics in mechanics. Mechanics is the branch of physics dealing with velocity, acceleration, Newton's Laws, friction, vectors, simple harmonic motion, conservation of energy, and momentum. Second term introduces light, sound, and electricity. Problems and lab experiences in these topics are covered. Some topics about NASA are covered and class projects are used as a discovery tool.

**0330 ANATOMY & PHYSIOLOGY (03053A000)** ***Weighted***

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Biology I with a grade of "C" or better AND Chemistry I with a grade of "C" or better

Anatomy & Physiology is a lab science recommended for those students who plan to pursue a degree in the Life Sciences especially in a field related to medical science. A major component of the course is dissection and all students taking the course should be prepared to participate.

**0340 DC ANATOMY & PHYSIOLOGY (03053A000) (OCC)** ***Weighted***

Duration: 2 Terms (1 Credit)
Level: 12

Prerequisite: Anatomy & Physiology with a grade of "C" or better AND DC Biology with a grade of "C" or better
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: LSC 2111 Human Anatomy & Physiology I

This course will study the structures and functions and cells, tissues, organs, and some organ systems of the human body. These systems include: integumentary, skeletal, muscular, urinary, and reproductive. Fluids, electrolytes, acids, and bases are also discussed. Human cadavers or alternative selected mammal will be used to reinforce anatomical laboratory skills. Physiological mechanisms will also be emphasized. **90% attendance is required for dual credit.**

**0400 WORLD HISTORY/WESTERN CIVILIZATION I (04063A000)** ***Required Course***

Duration: 1 Term (.5 credit)
Level: 9, 10
Prerequisite: None

Prehistory through the Reformation Period. This course covers Ancient Greece, Ancient Rome, and the Renaissance Period. It encompasses 700 B.C. through 1200 A.D.

**0401 WORLD HISTORY/WESTERN CIVILIZATION II (04063A000)** ***Required Course***

Duration: 1 Term (.5 credit)
Level: 9, 10
Prerequisite: World History/Western Civilization I

Age of Exploration through the 1980s. This course covers the Age of Exploration, the Revolutions of the late 1700s, the Industrial Revolution, WWI, and WWII. It encompasses 1400 A.D. through 1950.

**0408 UNITED STATES HISTORY (04101A000)** ***Required Course***

Duration: 2 Terms (1 Credit)
Level: 11
Prerequisite: None

United States History is a required 2 term course for graduation. Term 1 studies the Era of Compromise Period (pre-history to 1850's). Term 2 studies the Civil War through World War I (1861—1914).

**0412 CONTEMPORARY UNITED STATES HISTORY (04106A000)** ***Required Course***

Duration: 1 Term (.5 Credit)
Level: 11
Prerequisite: United States History

United States Contemporary History is a required term course for graduation. This course studies the Twentieth Century (1914-to current day).

**0414 DC UNITED STATES HISTORY (04101A000) (OCC)**

Duration: 2 Terms (1 Credit)
Level: 11 (Meets U.S. History requirement)
Prerequisite: Cumulative GPA of 4.0 or above
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: HIS 2101 U.S. History to 1877

In this course students will study the colonial period; the independence movement; the framing and adoption of the Constitution; the growth of American nationality; Western development and Jacksonian Democracy; Manifest Destiny and the slave controversy; and the Civil War. ~~Dual Credit United States History provides the student with the analytical and synthesizing skills necessary for advanced study in United States History. The course will require extensive reading and writing in the field of history and related subject areas. Students will learn how to assess, evaluate, and interpret a wide variety of secondary and primary sources of material. Term 1~~

~~focuses on The Colonial Period through the Civil War (1492-1865). Term 2 focuses on the Reconstruction Period through the Great Depression (1860-1940s).~~ **90% attendance is required for dual credit.**

**0418 DC CONTEMPORARY UNITED STATES HISTORY (04106A000) (OCC)**

Duration: ~~1~~2 Term~~s~~ (~~.5~~1 Credit)
Level: 11 (Meets Contemporary U.S. History requirement)
Prerequisite: DC United States History; Cumulative GPA of 4.0 or above
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: HIS 2102 U.S. History Since 1877

In this course students will study Reconstruction; the new industrial society and the agrarian movement; the war with Spain; the United States as a world power; the progressive movement; the First World War; post war problems; the Depression and the New Deal; the Second World War and foreign and domestic post-war problems.~~Dual Credit Contemporary United States History provides the student with the analytical and synthesizing skills necessary for advanced study in United States History focusing on: World War II through Modern Era (1930s-present day). The course will require extensive reading and writing in the field of history and related subject areas. Students will learn how to assess, evaluate, and interpret a wide variety of secondary and primary sources of material.~~ **90% attendance is required for dual credit.**

**0420 CIVICS (04161A000)** ***Required Course***

Duration: 1 Term (.5 Credit)
Level: 11, 12
Prerequisite: None

This course is required for graduation. It gives an accurate and comprehensive account of the basic structure of U.S. governments - local, state, and national. Students will discuss the civil and constitutional rights each of us possess. Students will examine roles and responsibilities of citizens to participate in the political process, and the relationship of the individual to the law and legal system. Students will be required to take and pass the constitution tests.

**0426 SOCIOLOGY (04258A000)**

Duration: 1 Term (.5 Credit)
Level: 11, 12
Prerequisite: None

This course is designed to help the student understand the relationships that exist between the individual and the many social groups to which they belong. The student should also understand the family as a primary socializing institution. The student will be able to recognize and interpret major social problems. A limited professional vocabulary will be taught to the student.

**0428 PSYCHOLOGY (04254A000)**

Duration: 1 Term (.5 Credit)
Level: 11, 12
Prerequisite: None

Psychology courses introduce students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of Psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

**0430 DC PSYCHOLOGY (04254A000) (OCC)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Cumulative GPA of 4.0 or above
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: PSY 1101 General Psychology I

A survey of the study of human and animal behavior with emphasis on the scientific nature of contemporary psychological investigation. Topics may include the biology of behavior, sensation, motivation, emotion, life-span development, personality, abnormal behavior and its therapies, social behavior, and individual differences. **90% attendance is required for dual credit.**

**0432 DC SOCIOLOGY (04258A000) (OCC)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Cumulative GPA of 4.0 or above
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: SOC 2101 Principles of Sociology

A Study of society, including the rules, interactions and cultural patterns that organize everyday life. Includes the analysis of social conflict, the structure and function of institution, the dynamics of individual and group interactions, social stratification and interactions among diverse groups of people. **90% attendance is required for dual credit.**

**0434 DC HUMAN GROWTH & DEVELOPMENT (19261A000) (OCC)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: DC Psychology; Cumulative GPA of 4.0 or above
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: PSY 2109 Human Growth and Development

This course is a study of the physical, social, emotional, and cognitive development of the individual across the entire human lifespan. Emphasis is placed upon development of emotional states, typical patterns of adjustments, principles of human growth, and practical applications of research findings to everyday life. **90% attendance is required for dual credit.**

**0440 DC INTRO TO ETHICS (04307A000) (OCC)**

Duration: 2 Terms (1 Credit)

Level: 12
Prerequisite: Cumulative GPA of 4.0 or above
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: PHI 2101 Introduction to Ethics

A study of the principal ethical theories and concepts of human conduct and character, as well as a critical evaluation of these theories and concepts as they apply to particular moral problems and decisions. **90% attendance is required for dual credit.**

**0500 ART EXPLORATION (05154A000)**

Duration: 2 Terms (1 Credit)
Level: 9, 10, 11, 12 (9-10 Priority)
Prerequisite: Survey of the Arts Recommended

Art Exploration is an art fundamentals course that provides the beginning high school art student with an overview of the language of art, art history, and art criticism. Students will create artworks in a variety of processes and media. Art knowledge and skills are blended together to provide students with a solid art background and problem solving skills. This course is a requirement for all other art classes; it must be taken first and passed with a minimum grade of "C" before students can take any additional art classes.

**0502 DRAWING I (05156A000)**

Duration: 1 Term (.5 Credit)
Level: 9, 10, 11, 12
Prerequisite: Art Exploration with a grade of "C" or better

Drawing I is a fundamental drawing media class. This course focuses on skill development and media exploration. Students will explore how the use of the language of art can effectively communicate ideas in drawings. Students will improve the visual appreciation of their work and the work of others. They will use creative problem solving skills in class activities.

**0504 DRAWING II (05156A000)**

Duration: 1 Term (.5 Credit)
Level: 9, 10, 11, 12
Prerequisite: Drawing I with a grade of "C" or better

This is an advanced drawing course focusing on skill development, mastery, and development of personal style. Students will continue to explore how the use of the language of art can effectively communicate ideas in drawings. Students will improve the visual appreciation of their work and the work of others. They will use creative problem solving skills in class activities.

**0506 ~~POTTERY AND~~ CERAMICS I (05159A000)**

Duration: 1 Term (.5 Credit)
Level: 10, 11, 12
Prerequisite: Art Exploration with a grade of "C" or better or Seniors with Instructor's approval

This course will focus on clay hand-building processes. These processes are pinching, coiling, modeling, and slab building. The elements and principles of design will be interpreted with clay into functional and decorative clay pieces. Students will be required to produce work in all three hand-building techniques, including the introduction of the potter's wheel. Students will improve the visual appreciation of their work and the work of others. Craftsmanship and creativity will be stressed.

**0510 ~~POTTERY AND~~ CERAMICS II (05159A000)**

Duration: 1 Term (.5 Credit)
Level: 10, 11, 12
Prerequisite: ~~Pottery and~~ Ceramics I with a grade of "C" or better

This course will expand on the hand-building techniques learned in ~~Pottery~~ Ceramics I and will include continuing work on the potter's wheel. Students will be working at the mastery level in clay. The elements and principles of design will be interpreted with clay into complex functional and decorative pieces. Technical information about firing and kilns will be covered in class. Students will improve the visual appreciation of their work and the work of others. Craftsmanship and creativity will be stressed.

**0512 SCULPTURE I (05158A000)**

Duration: 1 Term (.5 Credit)
Level: 10, 11, 12
Prerequisite: Art Exploration with a grade of "C" or better or Seniors with Instructor's approval

This is a beginning sculpture class. The four basic processes for making sculpture will be explored-- modeling, carving, mold making and casting, and assemblage. They will be using different media to create sculptures. Students will explore how the use of the language of art can effectively communicate ideas in sculpture. Students will improve the visual appreciation of their work and the work of others. They will use creative problem solving skills in class activities.

**0514 SCULPTURE II (05158A000)**

Duration: 1 Term (.5 Credit)
Level: 10, 11, 12
Prerequisite: Sculpture I with a grade of "C" or better

Sculpture II is a course that expands and reinforces Sculpture I. Students will be creating advanced, unique, and original sculptures that reflect knowledge of sculptural processes and knowledge of the language of art. Some new materials, advanced techniques, and new tools will be used on sculptures. They will improve the visual appreciation of their work and the work of others.

**0516 MIXED MEDIA (05165A000)**

Duration: 1 Term (.5 Credit)
Level: 9, 10, 11, 12
Prerequisite: Survey of the Arts Recommended

Mixed Media will explore a different side of Art. It will focus more on the arts and crafts, as an introductory level course that anyone can take as an elective. Projects that may be included are: collages, quilling, macrame, printing, optical illusions, puzzle making or game board designs, simple jewelry making, story book or poem illustrations, ceramic pinch pots, and calligraphy.

**0520 PAINTING I (05157A000)**

Duration: 1 Term (.5 Credit)
Level: 10, 11, 12
Prerequisite: Drawing I with a grade of "C" or better

Painting I students have already taken one or more drawing classes and are ready to paint. Students will focus on color theory, different painting media (watercolor, tempera, and acrylics) and various painting techniques and tools. Students will explore how the use of the language of art can effectively communicate ideas in paintings. Students will improve the visual appreciation of their work and the work of others. They will use creative problem solving skills in class activities.

**0522 PAINTING II (05157A000)**

Duration: 1 Term (.5 Credit)
Level: 10, 11, 12
Prerequisite: Painting I with a grade of "C" or better

This course will challenge painting students to find meaningful content in their paintings. Additional skill development and personal style will be expected. Students will further explore how the use of the language of art can effectively communicate ideas in paintings. Color theory will be an integral part of this class. Students will improve the visual appreciation of their work and the work of others. They will use creative problem solving skills in class activities.

**0526 ADVANCED ART PORTFOLIO (05170A000)**

Duration: 1 Term (.5 Credit)
Level: 12
Prerequisite: Drawing I and Painting I

This is a class for advanced students who are interested in further exploration in drawing, painting, printmaking, or are putting together a college art portfolio. Students will be able to advance their visual communications and technical skills based on their interests and studio background. Creative problem solving skills will be emphasized and technology will be utilized when appropriate for problem solving.

**0530 SURVEY OF THE ARTS (05201A000)**

Duration: 1 Term (.5 Credit)
Level: 9, 10, 11, 12
Prerequisite: None

This is a general education class that introduces high school students to music, the visual arts, drama, film production, as well as to multimedia productions. The course is divided into three, three-week long sections over the course of a term, in which students will sample each of the subjects.

**0540 GRAPHIC DESIGN (11154A001)**

Duration: 1 Term (.5 Credit)
Level: 10, 11, 12
Prerequisite: Computer Skills and/or Art Exploration and/or Survey of the Arts recommended

This course will focus on the commercial aspects of design. Projects will center on illustration, package design, posters, billboards, and manipulation of visual images with computers to produce commercial images. Digital photography and Photoshop will be explored.

~~**0542 DC GRAPHIC DESIGN (11154A002) (OCC)**~~

~~Duration: 2 Terms (1 Credit)~~
~~Level: 11, 12~~
~~Prerequisite: Graphic Design~~
~~*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*~~
~~IECC: GAD 1211 Computer Graphic Applications~~

~~The course focuses on developing design and production skills for printed publications. Students will use industry-standard digital tools to efficiently and accurately create 2D graphic elements and content. Basic visual design and production techniques are covered, including typography, vector-based graphics, and approaches to corporate identity and branding. Further, students will attain advanced skills with Photoshop's tool sets, techniques, capabilities and commands. Emphasis will be placed on making accurate selections, creating digital composites, working with contrast and color control/correction and layers, and developing professional skills needed for the digital print imaging industry.~~ ~~**90% attendance is required for dual credit.**~~

**0548 DRAMA 101 (05053A000)**

Duration: 2 Terms (1 Credit)
Level: 9, 10, 11, 12
Prerequisite: Survey of the Arts Recommended

This course is intended to help develop students' experience and skill in one or more aspects of theatrical production. It provides an overview of the features of drama such as acting, set design, stage management, and so on. The course can also concentrate on improving technique, expanding students' exposure to different types of theatrical techniques and traditions, and increasing their chances of participating in public productions. This course may also provide a discussion of career opportunities in the theater. This course is repeatable.

**0550 MUSIC HISTORY (05116A000)**

Duration: 1 Term (.5 Credit)
Level: 10, 11, 12
Prerequisite: Survey of the Arts Recommended

This class is being offered to provide a general exposure to the historical elements of music. Students will be exposed to a variety of musical styles and be able to identify specific musical elements within each style. A simple overview of basic music history will be studied. Listening skills will be developed, using selections from the different time periods.

**0552 MUSIC THEORY I (05113A000)**

Duration: 1 Term (.5 Credit)
Level: 10, 11, 12
Prerequisite: Prior music experience

This course is intended for the training of students in the fundamentals of music. This course will cover interval awareness, ear training, analysis of scales, choral progressions, and eventually song analysis. Other areas of study will include rhythmic and musical notation and dictation. Students should be able to read music before enrolling in the class.

**0554 MUSIC THEORY II (05113A000)**

Duration: 1 Term (.5 Credit)
Level: 10, 11, 12
Prerequisite: Music Theory I

This course is an advanced music theory practices and basic elements of music composition.

**0556 GUITAR I (05108A000)**

Duration: 1 Term (.5 Credit)
Level: 9, 10, 11, 12
Prerequisite: Survey of the Arts Recommended

This course is dedicated to providing a musically enriching experience for students who wish to keep music in their lives. Students will learn to play guitar by ear and from music notation while studying various musical styles and introductory music theory. Students are also introduced to the styles and history of Jazz and early Rock & Roll.

**0557 GUITAR II (05108A000)**

Duration: 1 Term (.5 Credit)
Level: 9, 10, 11, 12
Prerequisite: Guitar I

This course is designed for students who have completed Guitar I and are interested in expanding their playing experience to include ensemble performance and the individual developments of more advanced techniques. There will be a focus on fingerstyle playing, barre chords, and alternate picking. Music literacy skills will be expanded upon through standard notation, lead sheet, tablature and transcription reading. Songwriting and arranging opportunities will also be provided.

**0560 MARCHING BAND (05103A000)**

Duration: Term 1 (.5 Credit)
Level: 9, 10, 11, 12
Prerequisite: Prior instrumental experience or Director’s permission

Marching Band is open to all students grades 9-12. Rehearsals begin prior to the beginning of the formal school year and continue through the first quarter. Members of the Marching Band are required to attend extra-

curricular rehearsals and performances at sporting events, contests, and parades. **This course counts as .5 credit of PE.**

**0562 EARLY MARCHING BAND**

Duration: Term 1 **(Meets before school 7:00 – 7:50 am five days per week)**
Level: 9, 10, 11, 12
Prerequisite: Prior instrumental experience, enrollment in Marching Band or Director's permission

Early Marching Band begins at 7:00 am and ends at 7:50 am. It is open to all students grades 9-12. Rehearsals begin prior to the beginning of the formal school year and continue through the first quarter. Members of the Marching Band are required to attend extra-curricular rehearsals and performances at sporting events, contests, and parades. **Early Marching Band does NOT count as PE credit.**

**0564 HONORS WIND ENSEMBLE (05106A000)**

Duration: Terms 2, 3, and 4 **(Meets before school 7:00 - 7:50 am five days per week)**
Level: 10, 11, 12
Prerequisite: Audition

The Wind Ensemble is the premier band in the RCHS band department. Performing advanced traditional and contemporary band literature, the Wind Ensemble performs concerts both in the community and abroad, as well as on tour and at festivals and competitions. Adhering to the Wind Ensemble concept on one musician per part, the Wind Ensemble is a setting in which individual musicianship is emphasized. Wind Ensemble meets 7:00 to 7:50 am during Terms 2, 3, and 4 after the completion of Marching Band. **Honors Wind Ensemble does NOT count as PE credit.**

**0571 SYMPHONIC BAND (05102A000) (Term 2)**
**0572 SYMPHONIC BAND (05102A000) (Term 3)**
**0573 SYMPHONIC BAND (05102A000) (Term 4)**

Duration: 1 Term (.5 Credit)
Level: 9, 10, 11, 12
Prerequisite: Prior instrumental experience, enrollment in Marching Band or Director's permission

Symphonic Band will be open to those students who adequately complete a performance audition and show a high level of individual skill. This band will participate in all parades, competitive concert band settings, IHSA Organizational Contest, Solo and Ensemble, and a variety of off campus opportunities. This will be the elite ensemble of the RCHS Band Program. **Symphonic Band does NOT count as PE credit.**

**0579 MARCHING BAND AUXILIARY/FLAG SQUAD (05103A000)**

Duration: Term 1 (.5 Credit)
Level: 9, 10, 11, 12
Prerequisite: Audition

The Marching Band Flag Squad is open to all students through auditions. No previous music experience is required. Rehearsals begin prior to the beginning of the formal school year and continue through the first quarter. Members are required to attend extra-curricular rehearsals and performances at sporting events, contests, and parades. **This course counts as .5 credit of PE.**

**0580 FILM & EDITING I (11051A001)**

Duration: 1 Term (.5 Credit)
Level: 9, 10, 11, 12
Prerequisite: Survey of the Arts Recommended

This course exposes students to the materials, processes, and artistic techniques involved in filmmaking. Students learn about the operation of a camera, lighting techniques, camera angles, depth of field, composition, storyboarding, sound capture, and editing techniques. Course topics may also include production values and various styles of filmmaking (documentary, storytelling, news magazines, animation, and so on). As students advance, the instruction becomes more refined, and students are encouraged to develop their own artistic style. Students may also study major filmmakers, cinematographers, and their films and learn about film, television, and video and their relationships to drama and theater.

**0581 FILM & EDITING II (11051A001)**

Duration: 1 Term (.5 Credit)
Level: 10, 11, 12
Prerequisite: Film & Editing I with a grade of "B" or better

This course gives students who excelled in Film & Editing I an opportunity to take a deeper dive into the Adobe Cloud software and to more closely study widely acclaimed editors, directors, films, and techniques. Students investigate film as both art and industry, watching required films independently to prepare for presentations to the Film Editing I students and for short written and/or video essays. Focus of independent study of films and filmmakers may include continuity, rhythm, pace, the role of editing in the final product, the aesthetics of editing style, and the craft of hands-on editing work using typical film editing software. Students will also independently complete a (digital) textbook based program focusing on Adobe Premiere Pro and will complete several film projects. Each student will also produce her or his own original short film as a final project for this course.

**0583 DC FILM & EDITING (11051A003)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Film & Editing II
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: GAD 1205 Introduction to Videography

This course is an exploration of the principles, mechanics, techniques, and aesthetics of video production and editing. This course is designed to help students use video as an effective form of communication. Students will learn how to obtain video and how to digitally edit using industry standard software. Students will practice pre-production planning and writing, production procedures, and post-production editing. **90% attendance is required for dual credit.**

**0585 PODCASTING (11106A002)**

Duration: 1 Term (.5 Credit)
Level: 10, 11, 12
Prerequisite: Survey of Arts Recommended

This course explores the art and technology of podcasting from idea to publication. Students will learn how to plan, record, edit, and distribute their own shows while developing skills in interviewing, research, and storytelling. They'll gain hands-on experience with different microphones, recorders, and audio-editing software. The semester concludes with each student creating their own podcast brand and producing three short, polished episodes that showcase their chosen voice and perspective.

**0591 YEARBOOK I (11101A000)**

Duration: 1 Term (.5 Credit)
Level: 9, 10, 11
Prerequisite: "C" average in English courses

This class is designed to provide students with the journalism skills and the ability to apply those skills to the actual production of the yearbook – with a very limited role in the actual production of the yearbook. It will focus on the basics of journalism and staff training in the areas of writing, design, photography, sales, and staff policies. Units of study include teamwork, responsibility, brainstorming, content, coverage, concept, reporting, writing, headlines, captions, editing, photography, typography, design, graphics, finances, yearbook campaigns, advertising and distribution. Grades will consist mainly of class projects, worksheets, quizzes, and participation. Students may be expected to set aside additional time (outside of class) to complete assignments, take pictures, and interview students.

**0592 YEARBOOK II (11153A001)**

Duration: 2 Terms (1 Credit)
Level: 10, 11, 12

Prerequisite: Yearbook I with “B” or better

This class is designed to give students the experience of decision-making on yearbook production. Students will be ~~assigned editorial spots~~accepted into the class based on their performance in Yearbook I, attendance, and behavior. Grades will be determined by tasks completed, quality of tasks, ad sales, layouts, weekly coverage, creative skills, leadership ability, and participation. Students will be expected to set aside additional time, outside of class, each week for coverage, interviews, and sales.

**0593 YEARBOOK III (11153A001)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Yearbook II with “B” or better

**0594 YEARBOOK IV (1153A001)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Yearbook III with “B” or better

**0595 YEARBOOK V (1153A001)**

Duration: 2 Terms (1 Credit)
Level: 12
Prerequisite: Yearbook IV with “B” or better

**0596 YEARBOOK VI (1153A001)**

Duration: 2 Terms (1 Credit)
Level: 12
Prerequisite: Yearbook V with “B” or better

**5547 CHORUS (05110A000) (OTE)**

Duration: Meets all 4 terms during OTE (M,T,W,F)
Level: 9, 10, 11, 12
Prerequisite: Prior vocal music in lower grades or Director’s permission.

Chorus is primarily concerned with the development of the individual members through musicianship, self-discipline, responsibility, cooperation, and leadership.

The primary objectives are to stimulate individual creativity, develop vocal abilities, and build self-confidence. Other objectives include heightened self-values from achievement, social awareness and cooperation, and personal enjoyment. Participation can lead to other vocal activities. Students are expected to be present at rehearsals, school sponsored functions, contests (solo and ensemble), and concerts since these are what classroom activities are geared to during the year.

**0600 & 0605 PHYSICAL EDUCATION (08001A000)**

Duration: 1 Term (.5 Credit)
Level: 9, 10, 11, 12
Prerequisite: None

Physical Education is a co-educational class taught five days a week. The program is designed to provide students with the opportunity to develop organic vigor, increase large muscle activity, develop special concepts, and gain knowledge of leisure time activities. Life-time activities are also emphasized. A modified program is included as an accommodation for the student with special needs. Emphasis is on both team sports/games and individual sports and fitness activities.

**0607 & 0608 WEIGHT TRAINING (08009A000)**

Duration: 1 Term (.5 Credit)
Level: 9, 10, 11, 12
Prerequisite: None

The emphasis in this course is on muscular strength, endurance, flexibility, and safety. The core lifts in this course include squats, cleans, bench press, and deadlift. Weight room safety, RPR warm-up procedures, lifting technique, safety for all lifts, major muscle identification, and individual goal setting are all important components in this course. In addition, students will monitor and improve their fitness levels by utilizing CoachMePlus throughout the semester.

JUNIOR RESERVE OFFICERS TRAINING CORPS (JROTC)

**0611, 0612, 0613 & 0614 JROTC AI (Army Instructor) - Freshmen/Sophomores (09004A000)**
**0615, 0616, 0617 & 0618 JROTC SAI (Senior Army Instructor) - Juniors/Seniors (09004A000)**

LEADERSHIP EDUCATION AND TRAINING

Duration: 1 Term (.5 credit)
Level: 9, 10, 11, 12
Prerequisite: None

**Curriculum:** The Army Junior Reserve Officer Training Program is a comprehensive education program that focuses on leadership, character, and discipline. Cadets will be introduced to subjects such as leadership, teamwork, first aid, physical fitness, rifle & archery marksmanship, map reading, citizenship, US military history, role of the US armed forces, US constitution, drill and ceremony, military customs and courtesies, and the proper wear and maintenance of the Army uniform (Cadets must wear the uniform once a week during class, usually Tuesdays and comply with publicized grooming standards).

Besides building upon the above mentioned areas, reading, oral, and written communications, service learning, as well as conflict resolution are the next areas of the curriculum covered. Students gain respect for oneself and others, motivation and an appreciation for a highly disciplined, educational environment. Students coming into the program for their third or more time assume command and leadership positions within the program. They learn problem solving, negotiation techniques, time management, financial management, the 11 principles of leadership, and the 14 leadership traits. These students also assist the instructor(s) with planning, preparing, conducting and evaluation training. Cadets are afforded the opportunity twice a year to participate in rappelling activities on the high school campus. During the spring timeframe cadets are heavily involved with robotics and drones supporting S.T.E.M.

**Extra-Curricular Activities:** Cadets are afforded the opportunity to participate in a variety of JROTC extra-curricular activities that include Archery Team, Color Guard / Honor Guard, Raider Team, Rifle Team, JROTC Leadership and Academic Bowl (JLAB), and the Battalion Staff. Students participating in one or more of these extra-curricular activities, have the opportunity to earn special uniforms, awards, and varsity letters. Additionally, students are afforded the opportunity to participate in a 5 day summer camp with other JROTC Programs. During the camp cadets conduct Rappelling, execute a Confidence Course, Leaders Reactionary Course, Zip Line, Land Navigation, Water Safety, and participate in team sports. Additionally, cadets have the opportunity to volunteer for several school and community service activities and events.

**Military Service:** No JROTC cadet is under any obligation to join the military. Our interest is simply to give you an opportunity to develop and improve yourself and to motivate you to become a better citizen. We aren't promoting the military lifestyle, but we do use military skills to teach self-discipline, confidence and pride in a job well done. However, students who choose to enter any of the military services after graduation can receive one to two promotions based on the number of years in JROTC and the branch of service.

**This course counts as .5 credit of (PE or elective) per term.**

**0635, 0636, 0637 or 0638 DRIVER EDUCATION (08151A000) (Additional Fees are charged)**

Duration: 1 Term (.5 credit); Summer Dr Ed (0646 June; 0649 July)
Level: 9, 10, 11
Prerequisite: Recommended 15 years old; Required to have 8 passing grades in the previous 2 semesters

Driver Education, approved by the Superintendent of Public Instruction as meeting the basic requirement of the Driver Education Act as passed by the General Assembly and effective July 1970, consists of all those learning experiences provided by a school or school district for the purpose of helping the student to learn to use, and interact with, motor vehicles safely and efficiently. The Driver Education course provides both classroom and laboratory instructions as a unified course.

***Attendance*** is very important in this class. The State requires that each student receive a minimum 30 hours of classroom instruction.

Important Facts to Know:

- It is recommended that students be 15 years old before taking Driver's Ed. The classroom and behind the wheel requirements must be completed within a twelve month period.
- By law, you have to hold your permit for a minimum of 9 months prior to applying for your license.
- Summer sessions may be offered. Sign up is during registration.
- One class of Driver Ed will be offered each term during the school year. Students will be placed in classes by order of birth date.
- Driving times are established based on birthdates and availability.

**0652 HEALTH EDUCATION (08051A000)** ***Required Course***

Duration: 1 Term (.5 Credit)
Level: 9
Prerequisite: None

Health Education is designed to provide students with factual information concerning the mental, physical, and social aspects of health. Through Health, such information may enable young people to make informed decisions regarding the health problems they face from day to day. Emphasis is placed on the importance of developing an attitude that will result in the application of health facts to daily regimens. Awareness of the beneficial effects of good health practices on personal well-being and happiness is also stressed.

**0655 ORIENTATION TO HEALTH OCCUPATIONS (14001A001)**

Duration: 1 Term (.5 Credit)
Level: 9, 10, 11, 12
Prerequisite: None

Orientation to Health Occupations exposes students to the variety of opportunities available with the healthcare industry (e.g., such as nursing, therapy, dental care, administrative services, and lab technology). These courses provide experiences in several of these occupational clusters, along with information and knowledge related to the healthcare industry as a whole. Instruction will include touring local health care facilities.

**0658 HEALTH OCCUPATION RELATED SKILLS (14002A002)**

Duration: 1 Term (.5 Credit)
Level: 9, 10, 11, 12
Prerequisite: None

Health Occupation Related Skills provides students with an orientation to the healthcare industry and help refining their health care-related knowledge and skills. Topics covered usually include (but are not limited to) an overview of health care delivery; patient care, including assessment of vital signs, body mechanics, and diet; anatomy and physiology; identification and use of medical equipment and supplies; medical terminology; hygiene and disease prevention; first aid procedures; laboratory procedures; and ethical and legal responsibilities.

**0660 DC NURSING ASSISTANT (C.N.A.) (14051A001) (OCC)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: *To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: HEA 1203 Basic Nurse Assistant Training Program

**Occasionally, a Saturday and/or Sunday clinical may be required.** Health care skills for supporting and assisting individuals and families are introduced. This course meets the Illinois Department of Public Health's nurse aide certification requirements. ~~Nursing courses place a special emphasis on the particular knowledge and skills required of nurses and/or nursing assistants and aides while covering general health care topics (i.e., patient care, anatomy and physiology, medical terminology, hygiene and disease prevention, first aid and CPR, and laboratory procedures). Topics covered typically include normal growth and development; bathing, feeding, dressing, and transporting patients; basic pharmacology; doctor, nurse, and patient relationships and roles; medical and professional ethics; death and dying; and care of various kinds of patients. This course meets the Illinois Department of Public Health's nurse aide certification requirements. Completion of this course and passing the state certification exam will provide job opportunities as a CNA.~~ This course is required to enter the nursing program at OCC. **90% attendance is required for dual credit.**

Extra fees may apply due to the following:

- Liability insurance
- 2 step TB test (no charge at Richland County Health Office for Richland County residents)
- Uniform (navy shirt/pants) (May be reimbursed for 1 shirt/1 pants by school district if funding allows)
- Watch with second hand
- Clean tennis shoes

**0662 DC MEDICAL TERMINOLOGY (14154A001) (OCC)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: *To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: HEA 1225 Introduction to Medical Terminology

This course introduces common root words, prefixes, and suffixes used in medical terminology. Emphasis is placed on comprehension, spelling, pronunciation, ability to use a medical dictionary, vocabulary building, and common abbreviations. **90% attendance is required for dual credit.**

**0700 INTRODUCTION TO THE AGRICULTURAL INDUSTRY (18001A001)**

Duration: 2 Terms (1 Credit)
Level: 9, 10, 11, 12
Prerequisite: None

This introductory two term course is for students who have an interest in agriculture. Students need not have a background in agriculture or live on a farm. This course provides an opportunity for students to learn how the agricultural industry is organized; its major components; the economic influence of agriculture at local, state, national, and international levels; and the scope and types of job opportunities in agriculture. Agribusiness, agri-science, and production applications are presented. Basic concepts in horticulture, animal science, plant and soil science, agricultural resources, agribusiness management, mechanics, and computers are included. Participation in FFA activities and Supervised Agricultural Experience (SAE) projects is an integral component for the course grade.

**0704 AGRICULTURAL SCIENCE (18003A001)**

Duration: 2 Terms (1 Credit)
Level: 9, 10, 11, 12
Prerequisite: Introduction to the Agricultural Industry

This second course builds on the basic skills and knowledge gained from the introductory course. Major units of instruction include: Advanced Plant and Soil Science, Advanced Animal Science, and Agricultural Mechanic Skills necessary for maintaining and repairing equipment and/or facilities. Applied math and computer skills are also used in this course. Participation in FFA activities and Supervised Agricultural Experience (SAE) projects is an integral component for the course grade.

**0722 ~~DC~~ HORTICULTURE PRODUCTION AND MANAGEMENT (18051A001)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Agricultural Science
~~*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*~~
~~IECC: HRT 1208 Introduction to Horticulture~~

This advanced course offers instruction in both the greenhouse production and landscape areas of horticulture. Units of study include plant identification, greenhouse management, growing greenhouse crops, landscape design, installation, and maintenance, horticulture mechanics, nursery management, and turf production. Agribusiness units will cover operating a horticultural business, pricing work, advertising, and sales. Improving computer and workplace skills will be a focus. Participation in FFA activities and Supervised Agricultural Experience (SAE) projects is an integral component for the course grade. ~~**90% attendance is required for dual credit.**~~

**0725 NATURAL RESOURCES MANAGEMENT AND CONSERVATION (18504A002)**

Duration: 2 Terms (1 Credit)
Level: 10, 11, 12
Prerequisite: Introduction to Agricultural Industry

This course develops management and conservation skills in understanding the connection between agriculture and natural resources. Student knowledge and skills are developed in: understanding natural resources and its importance; fish, wildlife, and forestry management and conservation and outdoor recreational activities and enterprises. Hunting and fishing as a sport. Growing and managing tree forests, outdoor safety and survival education topics will be covered. Career exploration relating to natural resources will be discussed including park ranger, game warden, campground management, forester, conservation officer, wildlife manager, and other related occupations. Classroom instruction will be expanded and reinforced through practical hands-on activities. Boater Safety and Hunter Safety Certification are obtained through this course. Participation in FFA activities and Supervised Agricultural Experience (SAE) projects is an integral component for the course grade.

**0726 DC AGRICULTURAL BUSINESS MANAGEMENT (2027-28) (18201A001)**

Duration: 2 Terms (1 Credit)
Level: 11, 12 (Preference given to Seniors)
Prerequisite: Introduction to the Agricultural Industry
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: AGR 2235 Agribusiness Management

This two term advanced course is intended to be of value to the student planning to enter the business phase of agriculture or continue higher education. Major areas covered are: business structures, business computer programs, sales, marketing, agricultural law, insurance, taxes, governmental organizations, and employment strategies. This course fulfills the Resource Management graduation requirement. Participation in FFA activities and Supervised Agricultural Experience (SAE) projects is an integral component for the course grade. **90% attendance is required for dual credit.**

**0728 DC AGRICULTURAL SALES AND MARKETING (2026~~8~~-27~~9~~) (18202A001)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Introduction to Agricultural Industry
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria*
IECC: AGR 2241 Agricultural Salesmanship and AGR 2242 Agricultural Marketing

This course is designed to develop student knowledge and skills in Agricultural Sales, Agribusiness Marketing, and Commodity Marketing. Instructional units include: agricultural economic principles, marketing and advertising, product development, sales techniques and strategies, communicating with employees and customers, managing risk, international agribusiness, and studying various agricultural companies and career opportunities. Computer software applications and the Internet will be integrated through data management, inventories, and accounting. Student skills will be enhanced in math, reading comprehension, communications, and writing through agribusiness applications. Improving computer and workplace skills will be a focus. Participation in FFA activities and Supervised Agricultural Experience (SAE) projects is an integral component for the course grade. **90% attendance is required for dual credit.**

**0730 VETERINARY SCIENCE (18105A001)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Agricultural Science

This course will develop students' understanding of the companion animal industry, animal anatomy and physiology, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician. Participation in FFA activities and Supervised Agricultural Experience (SAE) projects is an integral component for the course grade.

**0732 BASIC AGRICULTURAL MECHANICS (18401A001)**

Duration: 2 Terms (1 Credit)
Level: 10, 11, 12
Prerequisite: Introduction to the Agricultural Industry

In this course, theory and hands-on experiences provide opportunities for students to develop basic knowledge and skills in the agriculture shop. Units of study may include identification and proper usage of agriculture shop tools, careers in electrical mechanics, carpentry, surveying, metal fabrication, concrete, plumbing, and mass production. Emphasis will be placed on the identification of proper materials for building projects, techniques for building projects, designing and creating a bill of materials for shop projects, necessary work habits for students to be successful. Participation in FFA activities and Supervised Agricultural Experience (SAE) projects is an integral component for the course grade.

**0734 ADVANCED AGRICULTURAL MECHANICS (2027-28) (18402A001)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Basic Agricultural Mechanics

This course will concentrate on expanding student's knowledge and experiences with agricultural mechanics technologies utilized in the agricultural industry. Units of instruction included are design, construction, fabrication, maintenance, welding, electricity, internal combustion engines, hydraulics, and employability skills. Careers of agricultural construction engineer, electrician, plumber, welder, equipment designer, parts manager, safety inspector, welder, and other related occupations will be examined. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

**0735 AGRICULTURAL ENGINEERING (2026~~68~~-2~~79~~) (18405A004)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Basic Agricultural Mechanics with a grade of "C" or better

Throughout the course, students apply technical and engineering skills while becoming competent in the processes used to operate, repair, engineer, and design agricultural structures, engines, and equipment. Students practice technical skills including reading prints, troubleshooting machines, documenting an engine teardown and assembly, reading schematics, building simple machines, using hydraulics, researching machine replacement parts, and calculating production efficiencies. The engineering portion of the course includes prototype development, computer-aided design (CAD), 3D printing, documentation of machine processes, machine automation, and programming, testing designs for structural integrity, and calculating machine speed and power. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

**0736 WELDING I (18401A002)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Basic Agricultural Mechanics with a grade of "C" or better

This course will concentrate on expanding the student's knowledge and practical skills in metal welding, brazing and flame, and plasma arc cutting. Instruction includes safety principles and procedures, properties of metals, electrical principles, welding symbols, destructive and nondestructive testing, and layout techniques. Students will also learn various welding, cutting, and brazing positions and applications. Participation in FFA activities and Supervised Agricultural Experience (SAE) projects is an integral component for the course grade.

**0740 DC WELDING II (18404A001)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Welding I with a grade of "C" or better
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: WEL 1260 Combination Welding I

This course provides learning experiences designed to allow students to gain additional proficiency, knowledge, and skill in welding, brazing, and flame cutting. Planned learning activities are designed to allow students to gain additional knowledge of welding principles and methods and to develop more advanced skills in welding, brazing, and soldering. Instruction emphasizes safety practices in welding processes, weld testing, weld joints, and methods of fabrication. Activities are planned to provide experiences in fabrication. Activities are planned to provide experiences in oxyacetylene and stick welding during the first half and MIG welding during the second half. Appropriate activities will be planned to meet individual student's needs, abilities, and skill levels as well as be directly related to entry-level job skills. Problem solving and group learning activities will be used to reinforce the skills being developed. Participation in FFA activities and Supervised Agricultural Experience (SAE) projects is an integral component for the course grade. **90% attendance is required for dual credit.**

**0744 DC GAS METAL ARC WELDING (13207A003) (OCC)**

Duration: 1 Term (.5 Credit) ~~**Meets from 7:30 - 8:30 am**~~
Level: 12
Prerequisite: DC Welding II with a grade of "C" or better
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: WEL 1210 Gas Metal Arc Welding

A study of the basic applications of gas metal arc welding with standard solid filler wire. This course meets one of the course requirements for the OCC Welding Certification. **90% attendance is required for dual credit.**

**0745 DC SHIELDED METAL ARC WELDING (13207A001) (OCC)**

Duration: 1 Term (.5 Credit) ~~**Meets from 7:30 - 8:30 am**~~
Level: 12
Prerequisite: DC Welding II with a grade of "C" or better ~~DC Gas Metal Arc Welding~~
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: WEL 1215 Shielded Metal Arc Welding I

Basic theory and laboratory activities for shielded metal arc welding, including electrode selection, types of welding joints, and application of shield metal arc welding (SMAW). This course meets one of the course requirements for the OCC Welding Certification. **90% attendance is required for dual credit.**

**0750 SUPERVISED AGRICULTURAL EXPERIENCE PROGRAM I (18999A001)**

Duration: 4 Terms (.25 Credit)
Level: 9, 10
Prerequisite: Student must be enrolled in an agricultural course.

This experience program is for students in the 9th and 10th grades. Students will have a minimum of one approved project or acceptable plans for a project. Supervised study, project record book, training plans, training agreements, and instructor project visitation and supervision are essentials of the SAEP. Course work and evaluation will be implemented in each agriculture course.

**0751 SUPERVISED AGRICULTURAL EXPERIENCE PROGRAM II (18999A001)**

Duration: 4 Terms (.25 Credit)
Level: 11, 12
Prerequisite: SAEP I or consent of the instructor. Student must be enrolled in an agricultural course.

This experience program is for students in the 11th and 12th grades. The opportunities and responsibilities are similar to those discussed under SAEP I with the exception that the experiences are conducted at a more advanced level of skill training. The project should be expanded as the student progresses through the agriculture program. Course work and evaluation will be implemented in each agriculture course.

**0812 COMPUTER CONCEPTS AND SOFTWARE APPLICATIONS (10004A001)** ***Required Course***

Duration: 1 Term (.5 credit)
Level: 9, 10
Prerequisite: None

This course focuses on the development and understanding of the application of electronic data processing concepts, software, and equipment to accomplish tasks typically performed by high school and college students and by employees in the business arena. This course focuses specifically on the use of email, Microsoft Office (Word, Excel, PowerPoint~~, Publisher~~), and ~~Adobe Photoshop~~file maintenance. Tasks include creating professional emails and creating, editing, formatting, and customizing documents, spreadsheets and presentations.

**0816 INFORMATION PROCESSING (10005A001)** ***Required Course***

Duration: 1 Term (.5 credit)
Level: 9, 10
Prerequisite: None

Info Processing is designed to educate and guide young people to harness the power of the Internet and digital tools so they can become safe, responsible, and respectful digital citizens. Topics covered include: internet safety, cyberbullying, and digital drama, digital footprint and reputation, relationships and communication, information literacy, creative credit and copyright, self image and identity, and privacy and security. This course will also cover Google basics to help students be more efficient in using various Google products.

**0821 ACCOUNTING I (12104A001)**

Duration: 2 terms (1 credit)
Level: 10, 11, 12
Prerequisite: None~~Introduction to Business~~

Accounting I is a skill level course that includes planned learning activities to develop basic entry-level skills used in approved accounting procedures. Instruction includes processing business transactions through journalizing, posting, preparing financial statements and performing period-end adjusting and closing activities. Processing of employee payroll and payroll taxes is included. Students learn terminology related to accounting activities. Accounting computer applications are integrated throughout the course to reinforce skills students have mastered manually. An automated practice set with business papers is used to emphasize actual business records management.

**0822 DC ACCOUNTING FINANCIAL (121110~~4~~A0021) (OCC)**

Duration: 2 terms (1 credit)
Level: 11, 12
Prerequisite: Accounting I; Cumulative GPA of 4.0 or above
To *enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: ACC 2101 Financial Accounting

This course presents accounting as an information system that produces summary financial statements, primarily for users external to a business or other enterprise. Students study the forms of business organization and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a business. How to analyze and interpret historical financial statements and the limitations of using these in making forward-looking business decisions is included. The primary concept emphasis will be accounting for current assets and liabilities, long-term assets and liabilities, stockholder equity, corporations' cash flow statements, and financial statement analyses. **90% attendance is required for dual credit.**

**0824 DC ACCOUNTING MANAGERIAL (12105A001) (OCC)**

Duration: 2 terms (1 credit)
Level: 11, 12
Prerequisite: DC Accounting Financial; Cumulative GPA of 4.0 or above
To *enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: ACC 2102 Managerial Accounting

This course presents accounting as a system of producing information for use in internally managing a business. The course emphasizes the identification, accumulation, and interpretation of information for planning, controlling, and evaluating the performance of the separate components of a business. Included is the identification and measurement of the costs of producing goods or services and how to analyze and control these costs. Decision models commonly used in making specific short- and long-term business decisions also are included. **90% attendance is required for dual credit.**

**0826 INTRODUCTION TO BUSINESS (120~~0~~51A001)**

Duration: 1 Term (.5 Credit)
Level: 9, 10, 11, 12
Prerequisite: None

This course serves as an introduction to various business classes and helps students realize their interests. Students will study units in marketing, ~~accounting,~~ economics, business law, international law, and business ethics. This course is a great course for all students including both those who plan on attending college or those who are going straight into the workforce after high school.

**0830 BUSINESS LAW (12054A001)**

Duration: 1 Term (.5 Credit)
Level: 11, 12
Prerequisite: Introduction to Business

This is an elective course for students not only interested in business but also those students considering studying law, political science, criminal justice and paralegal programs after high school. The Internet will be used to gain relevant information for topics discussed in class. This upper-level class will introduce our legal system, the study of ethics and the various types of laws in our system. Business Law also includes guest speakers, a mock trial, and a field trip to Richland County Courthouse.

**0832 APP DEVELOPMENT (10011A001)**

Duration: 2 Terms (1 Credit)
Level: 10, 11, 12
Prerequisite: None

This course 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 curriculum that explores many of the foundational ideas of computing so all students understand how these concepts are transforming the world we live in.

**0833 DC BUSINESS COMPUTER SYSTEMS (12009A001) (OCC)**

Duration: 2 terms (1 credit)
Level: 11, 12
Prerequisite: Cumulative GPA of 4.0 or above
To *enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: DAP 1201 Business Computer Systems

A study of computer concepts, including the information processing cycle, file organization, data communications and operating systems and systems software. Applications software, including spreadsheets, database, word processing, presentation software, computer communications, operating systems, and Internet access and use with business-oriented computer hardware and software concepts emphasis. **90% attendance is required for dual credit.**

~~**0834 DC ADVANCED WORD PROCESSING (10005A002)**~~

~~Duration: 1 Term (.5 Credit)~~
~~Level: 11, 12~~
~~Prerequisite: Computer Concepts and Software Applications~~
~~*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*~~
~~IECC: DAP 2202 Word Processing I~~

~~This is an introductory course in which students will learn techniques of input, editing, and output specific to electronic word processors (Microsoft Word). Topics include: text entry, editing and formatting, windows tools and file management, tables, columns, forms, merging, envelopes, labels, selecting, sorting and managing lists, shared documents, quick parts, themes, styles, protecting documents, indexes, references, endnotes, footnotes, outlines and macros.~~ ~~**90% attendance is required for dual credit.**~~

~~**0836 DC ADVANCED SPREADSHEET (10005A002)**~~

~~Duration: 1 Term (.5 Credit)~~
~~Level: 11, 12~~
~~Prerequisite: Computer Concepts and Software Applications~~
~~*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*~~
~~IECC: CIS 1278 Spreadsheet~~

~~This course is designed to broaden a user's knowledge of Microsoft Excel. The course will focus on various calculation functions, customizing tables, plotting charts, and filtering database records.~~ ~~**90% attendance is required for dual credit.**~~

**0840 DC CEO I (12053A0001)**

Duration: 2 Terms (1 Credit)
Level: 12
Prerequisite: Must have a valid driver's license, insurance, and reliable transportation.
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: ENT 1210 Intro to Entrepreneurship and ENT 2210 Business Portfolio

Creating Entrepreneurial Opportunities is a year-long course designed to utilize partnerships that provide an overview of business development and processes. Our local business community partners with area schools to create project-based experiences for students by providing funding, expertise, meeting space, business tours, and one-on-one mentoring. Students visit area businesses, learn from guest speakers, participate in a class business, write business plans, and start and operate their own businesses. Business concepts learned through the experiential CEO class are critical; the 21st century skills of problem-solving, teamwork, self-motivation, responsibility, higher-order thinking, communication, and inquiry are at the heart of a student's development throughout the course. **90% attendance is required for dual credit.**

**0841 DC CEO II (12053A001)**

Duration: 2 Terms (1 Credit)
Level: 12
Prerequisite: DC CEO I; Must have a valid driver's license, insurance, and reliable transportation.
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: ENT 1212 Small Business Development

This course is a continuation of CEO I. **90% attendance is required for dual credit.**

**0844 DC PRINCIPLES OF BUSINESS MANAGEMENT (12060A000)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Business Law
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: BUS 2201 Principles of Management

This course introduces students to principles of business management and develops skills needed to manage people and resources. Objectives, strategies, leadership, organization structure, motivation, quality, teaming, change and operational procedures are covered. **90% attendance is required for dual credit.**

**0845 DC ~~BUSINESS ETHICS~~INTRODUCTION TO BUSINESS (12060A001) (OCC)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: DC Principles of Business Management
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: BUS 1101 Introduction to Business

A survey of the basic business principles is covered. Some of the units studied are business in the economy, making firms successful, marketing strategy, sources of financing, using information systems, personnel management, labor problems, government and business relations. **90% attendance is required for dual credit.**

**0858 DC EMPLOYMENT SKILLS (22151A001)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Must have a valid driver's license, insurance, and reliable transportation.
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: GEN 2297 Employment Skills

This course prepares the student for job interviews, job placement, and employment. Verbal and written communication skills are implemented through assigned reports. Topics of discussion and debate range from securing and keeping a job to individual attitudes, work habits, work ethics, and interviewing skills. The student will be required to prepare a written resume and to apply communication skills in practical situations. ~~This course prepares the student for job interviews, job placement, and employment. Verbal and written communication skills are implemented through assigned reports. Topics of discussion and debate range from~~

~~securing and keeping a job to individual attitudes, work habits, work ethics, and interviewing skills. The students will be required to prepare a written resume and to apply communication skills in practical situations.~~
**90% attendance is required for dual credit.**

**0860 WORK-BASED LEARNING (12098A002)** ***Consumer Science Requirement***

Duration: Classroom = 2 Terms; Work = 4 Terms (3-5 Total Credits Earned)
Level: 12
Prerequisite: Determined by Work-Based Learning (WBL) instructor through application and interview; students must be enrolled in vocational classes for 2 Terms when class is not meeting.

Work-Based Learning is a senior level course designed to assist students in the development of effective business skills and attitudes through practical, ~~advanced~~ real-world instruction in school and on the job. Students attend the WBL class for the first semester of their year. This class will help prepare students for college and the world of work. This class meets the consumer education requirement for graduation. Once the job site has been established, the teacher-coordinator, training sponsor, and student will develop a training plan~~.~~ ~~This~~ that will cover what skills the student will learn while working. The job~~s~~ that the student~~s~~ select~~s~~ should be focused on their areas of interest and is up to the student to secure. If students work one block during the day, then they are required to work a minimum of 7 hours during the course that week. If students work two blocks per day, students are required to work a minimum of 15 hours per week. Jobs can be paid or an unpaid internship. See Work-Based Learning instructor for individual questions.

**0870 & 0871 OFFICE AIDE (22051A000)**

Duration: 1 Term (.5 Credit) **Maximum of 2 terms**
Level: 11, 12
Prerequisite: Cumulative GPA of 4.0 or above

Juniors and Seniors may elect to be an office aide for a maximum of 2 terms during their last two years in high school. Students may work in one of the following offices: Main Office, Guidance Office, or IMC.

**0900 INTRODUCTION TO FAMILY & CONSUMER SCIENCES (19251A001)**

Duration: 1 Term (.5 Credit)
Level: 9, 10, 11, 12
Prerequisite: None

This course introduces students to the field of family and consumer sciences and the many career opportunities available in this broad field. The course includes theory and laboratory experiences in the following content areas: Nutrition and culinary arts; textiles and design; family, career, and community leadership development; resource management; human development and life-long learning; facility design, care, and management; and interpersonal relationships and life management skills.

**0902 CHILD DEVELOPMENT I (19052A001)**

Duration: 1 Term (.5 Credit)
Level: 10, 11, 12
Prerequisite: Intro to Family & Consumer Sciences

This course is a study of physical, mental, emotional and social development from birth through adolescence. Course content centers on applying goal setting and decision making skills, applying developmental principles and utilizing health and safety practices for children to provide the best environment for children to learn and grow. It includes maximizing resources, encouraging human relations skills, and evaluating family and career changes in relation to their impact on children. Information related to careers in child care is incorporated throughout the course. Students will also gain hands-on experience through off-campus sites.

**0904 DC CHILD DEVELOPMENT II ~~DEVELOPMENT II~~ (19098A002)**

Duration: 2~~1~~ Terms (~~.5~~1 Credit)
Level: 11, 12
Prerequisite: Child Development I with a grade of "C" or better. Strong Attendance. Must have a valid driver's license, insurance, and reliable transportation.
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: ECE 1204 Childhood Teaching Techniques

This course explores teaching techniques which foster optimum physical, intellectual, social and emotional development of young children. Methods of teaching preschool children are stressed although activities for infants and toddlers are discussed. All curricula will be covered, including literature, mathematics, all sciences, social studies, the arts, physical education, and computer activities. **90% attendance is required for dual credit.**~~Builds on foundational knowledge from Child Development I to provide a more in-depth study of children's growth and development, often from early childhood through adolescence. Coursework includes examining how physical, cognitive, and social-emotional domains are impacted by biological and environmental factors, planning developmentally appropriate activities, and sometimes involves hands-on experience through field placements or job shadowing. The focus is on applying these principles to promote healthy development and learning, and to build skills for careers in early childhood education. Students will work in a daycare 1-3 days per week to obtain lab hours. Upon completion of this course, students will obtain the EVE Level 1 credential that is required to work in a daycare in the State of Illinois.~~

**0906 NUTRITION & CULINARY ARTS I (16054A001)**

Duration: 1 Term (.5 Credit)
Level: 9, 10, 11, 12
Prerequisite: Intro to Family & Consumer Sciences

This course includes basic classroom and laboratory experiences needed to develop knowledge and understanding of basic food principles and applied nutrition for people of all ages. The course content centers around the following duty areas: Promoting food service and preparation management using the decision-making process; meeting basic needs by applying nutrition concepts; meeting health and safety needs in planning, preparing and serving food; promoting hospitality in food practices; and analyzing individual and family nutritional needs. Information related to careers in foods and nutrition is incorporated throughout the course.

**0908 NUTRITION & CULINARY ARTS II (16054A002)**

Duration: 1 Term (.5 Credit)
Level: 10, 11, 12
Prerequisite: Nutrition & Culinary Arts I with a grade of "C" or better

In this second level foods course, more attention is paid to food selection and preparation for special circumstances and dietary needs. Laboratory sessions are devoted to preparation of foods with specific characteristics. Course content should include the following broad areas of emphasis: careers in foods and nutrition, influences on food customs, diet and health, current nutritional issues, planning for special food needs, safety of foods, food purchasing, prevention of food-borne illnesses, conservation in providing food, food preservation. The application of the above-mentioned areas of emphasis to food service occupations is stressed. This course provides an introduction to commercial food service, preparation, and management.

**0912 CULINARY OCCUPATIONS I (16056A001)**

Duration: 1 Term (.5 Credit)
Level: 11, 12
Prerequisite: Nutrition & Culinary Arts II with a grade of "C" or better

Students learn techniques for creating pastries, breads, cakes, confections and other desserts along with food safety, nutrition, and kitchen management.

**0917 TEXTILE & DESIGN I (19204A001)**

Duration: 1 Term (.5 Credit)
Level: 10, 11, 12
Prerequisite: Intro to Family & Consumer Sciences

This course prepares students for employment and higher education programs of study related to the broad spectrum of careers encompassed in fashion, apparel, and textile industries. This course provides students with

opportunities to: analyze the influences of social, cultural, and environmental diversity in the fashion, apparel, and textile industry; investigate applicable regulatory and policy issues; assess product quality; develop a design portfolio; refine and develop industry skills necessary to employment in fashion, apparel, and/or textiles; model proper safety procedures; communicate with potential customers/clients using industry terminology; perform operational functions; and research current industry employment opportunities, including the investigation of entrepreneurship.

**0918 TEXTILE & DESIGN II (19204A002)**

Duration: 1 Term (.5 Credit)
Level: 10, 11, 12
Prerequisite: Textile & Design I with a grade of "C" or better

The purpose of this course is to advance students' knowledge of fashion design through the elements and principles of design as they pertain to fashion. Students in the second level course will pass on the knowledge they obtained in the first level to new students, to assist in their learning. Students will be required to demonstrate creative use of inspiration and design experimentation through various projects and a student-run design shop that works to provide products to clubs and organizations within the school to insource school gear.

**0919 FASHION MERCHANDISING (12153A001)**

Duration: 1 Term (.5 Credit)
Level: 10, 11, 12
Prerequisite: Textile & Design II with a grade of "C" or better

Fashion Merchandising focuses on the application of research techniques to understand the cultural, environmental, and psychological aspects of textile products as related to the customer needs. This course develops skills to research and apply knowledge of a product for the textile and design industry through hands-on, problem based learning experiences and projects. Topics include product knowledge and promotion; industry trends and style; industry specific terminology; marketing campaigns; current technology; and visual merchandising displays. Emphasis is placed on the development of a variety of communication techniques necessary in the promotion of products and the formation of client relationships.

**0920 INTERIOR DESIGN (05193A001)**

Duration: 1 Term (.5 Credit)
Level: 10, 11, 12
Prerequisite: Intro to Family & Consumer Sciences

This course provides basic knowledge and skills needed to select, acquire, furnish, maintain, and manage residential and commercial environments to meet the needs of the users/occupants. The course includes the application of the interior design elements and principles; selection and care of furnishings, equipment and accessories in relation to socio-economic factors, trends, personal tastes and characteristics, as well as physical and psychological needs; safety, sanitation, and efficiency factors in interior design; and evaluating use and care of textiles. This project based course investigates a variety of related career opportunities, including entrepreneurship. Emphasis is placed on the application of project management skills.

**0922 HUMAN DEVELOPMENT & FAMILY WELLNESS (19261A001)**

Duration: 1 Term (.5 Credit)
Level: 11, 12
Prerequisite: Intro to Family & Consumer Sciences

This course focuses on being your best self. Students will explore emotional, physical, and mental wellness. Concepts that will be covered: stress management, time management, self-talk, positive attitude and relationships, strong sense of self, eating for maximum health benefits, as well as exploring different aspects of fitness.

**0925 & 0926 ELEMENTARY SCHOOL TUTORING (19152A001)**

Duration: 1 Term (.5 Credit) **Maximum of 2 terms**
Level: 11, 12
Prerequisite: Cumulative GPA of 4.0 or above; Child Development Required; Introduction to Teaching Recommended

Student is assigned to assist a teacher at Richland County Elementary School. High School students may be assigned one-on-one or to a group of students to read, do math or any other activity designated by their classroom teacher. (Students must have a valid driver's license, insurance, and reliable transportation.)

**0927 & 0928 MIDDLE SCHOOL TUTORING (19152A001)**

Duration: 1 Term (.5 Credit) **Maximum of 2 terms**
Level: 11, 12
Prerequisite: Cumulative GPA of 4.0 or above; Child Development Required; Introduction to Teaching Recommended

Student is assigned to assist a teacher at Richland County Middle School. High School students may be assigned one-on-one or to a group of students to read, do math or any other activity designated by their classroom teacher. (Students must have a valid driver's license, insurance, and reliable transportation.)

**0930 PARENTING (19052A001)**

Duration: 1 Term (.5 Credit)
Level: 11, 12
Prerequisite: Child Development I

This course is designed to help the student think through the responsibilities, satisfactions, and stresses of parenthood. Students learn healthy child-rearing skills, motivations for having children, stresses of parenthood, and applications to current family life. It emphasizes how parents and their roles change along with the growth of their children. It also stresses the need for families to positively model the conviction that children are entitled to be treated with dignity, respect, and understanding. Computerized infants are available to "experience" the responsibilities of parenthood.

**0936 DC INTRODUCTION TO TEACHING~~/CHILD CARE~~ (19152A001)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Child Development; Cumulative GPA of 4.0 or above; Must provide at least one (1) Teacher Recommendation; Strong attendance
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: EDU 1101 Education in a Diverse Society~~2150 The Whole Child~~ and EDU 1116 Introduction to Teaching

This is an introductory course exploring the nature of professional teaching, its opportunities, and its responsibilities. The course also offers an overview of American education as both a professional and a public enterprise. Other topics include: history and philosophy of education, school organization and governance, ethical and legal issues, the nature of teaching curriculum, and the examination of current issues, policies, and trends in the field of education, including cultural diversity. At least thirty hours of observation in a K-12 classroom are required. Education in a Diverse Society ~~This course~~ will explore the dynamics of human diversity in a pluralistic society and prepares students to work in schools and other diverse environments. Content focuses on student learning and effective practices in culturally diverse classroom. Topics include race, ethnicity, gender, sexual orientation, social class, disability, language, religion, and other issues. Students are provided the opportunity to explore personal values, 165 attitudes, and understand their impact on others. ~~introduces students to the principles underlying teaching and learning, responsibilities and duties of teachers, and strategies and techniques to deliver knowledge and information. A combination of classroom and field experiences will enable the student to gain skilled knowledge and understanding of the education profession. Course content includes projects to develop an understanding of the learner and the learning process, instructional planning, the learning environment, assessment and instructional strategies, career opportunities in the field of education, and Illinois regulations and licensing requirements.~~ **90% attendance is required for dual credit.**

**0940 RESOURCE FAMILY MANAGEMENT & PLANNING (19251A002)**
***Consumer Science Requirement***

Duration: 1 Term (.5 Credit)
Level: 10, 11, 12
Prerequisite: None

Study in this course focuses on increasing understanding and developing skills needed to use time, energy, money and abilities effectively. Learning experiences are designed to help individuals set goals, evaluate the use of resources, apply safety information, understand consumer rights and responsibilities, and analyze individual management skills necessary for present and future decisions. Course content focuses on skill and understanding needed to make decisions about the use of resources and prevention strategies for improved quality of life. This course meets the requirement for consumer education instruction as required by the School Code of IL (Section 27-12.1).

~~**0942 & 0943 DC COSMETOLOGY (19101A001/19101A002)**~~

~~Duration: 2 Semesters (2 Credits)~~
~~Level: 12~~
~~Prerequisite: Art Exploration Recommended; A grade of "C" or better is required in 0942 to enroll in 0943.~~
~~*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*~~
~~IECC: COS 1200 Cosmetology I~~

~~This dual credit course focuses on the personal hygiene and professional ethics, bacteriology, sanitation, and sterilization as pertains to salon setting operation. Basic fundamentals of perm waving, hair shaping, types of shampoos, manicuring, and procedures and theory of facial massage and scalp manipulations are taught. **90% attendance is required for dual credit.**~~

**0960 DC CRIMINAL JUSTICE (15051A007)** **(OCC)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Intro to Family & Consumer Sciences
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: JUS 1200 Introduction to Criminal Justice

A survey and analysis of the criminal justice system, including a historical and philosophical overview of the development, with special emphasis on the system's primary components and the relationship of these components in the administration of criminal justice in the United States. **90% attendance is required for dual credit.**

**1000 INDUSTRIAL SAFETY (13004A001)**

Duration: 1 Term (.5 Credit)
Level: 9, 10, 11, 12
Prerequisite: None

Industrial Safety courses provide students with instruction in safe operating procedures related to various trades. Course topics may include the importance of standard operation procedures, agencies and regulations related to occupational safety and hazard prevention, and the dangers of particular materials.

**1001 INTRODUCTION TO ENGINEERING (21006A001)**

Duration: 1 Term (.5 Credit)
Level: 10, 11, 12
Prerequisite: Industrial Safety

This course offers students experience in career exploration as well as experience in solving problems by applying a design development process. Students develop, analyze, and test product solutions as well as communicate the features of those models.

**1002 PRINCIPLES OF ENGINEERING (21004A001)**

Duration: 1 Term (.5 Credit)
Level: 11, 12
Prerequisite: Introduction to Engineering

This course provides students with an understanding of the engineering/technology field. Students typically explore how engineers use various technology systems and manufacturing processes to solve problems. They may also gain an appreciation of the social and political consequences of technological change.

**1003 BASIC WOODWORKING (17017A002)**

Duration: 1 Term (.5 Credit)
Level: 9, 10, 11, 12
Prerequisite: None

Basic Woodworking is a course providing students with an integrated way to learn through application. The construction concepts within the course are organized to complement the skills and the knowledge that align to High School Geometry standards. Students will apply these skills and knowledge to the completion of basic woodworking projects.

**1010 CONSTRUCTION TRADES I (TINY HOUSES) (17002A001)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Industrial Safety; Driver License

This course provides learning experiences related to the erection, installation, and maintenance of residential buildings and related fixtures. Planned learning activities will allow students to understand these fundamental principles and methods and develop technical skills related to masonry, carpentry, and finish work. Instruction includes safety principles and practices, recognition of standard lumber sizes, foundation layout methods, building concepts and procedures, local, state, and national codes, cost estimating and blueprint reading.

**1012 CONSTRUCTION TRADES II (TINY HOUSES) (17002A002)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Construction I with a grade of "C" or better; Driver License

This course provides learning experiences related to the erection, installation, maintenance, and repair of building structures and related utilities. Student technical skill experiences include instruction and activities in safety principles and practices, performing maintenance control functions, joining pipes, building water distribution lines and drains, installing and maintaining plumbing fixtures and systems, installing switch and outlet boxes, light fixtures, service entrances, and roughing in and trimming out electrical devices and appliances, preparing foundations and footings, constructing residential chimneys and fireplaces, laying jointing and pointing brick, and advanced building and construction methods and codes. All learning experiences are designed to allow the student to acquire job-entry skills and knowledge.

**1015 BEGINNING MACHINING (13203A007)**

Duration: 1 Terms (.5 Credit)
Level: 10, 11, 12
Prerequisite: Industrial Safety

Beginning Machining course enable students to create metal parts using various machine tools and equipment. Course content may include interpreting specifications for machines using blueprints, sketches, or descriptions of parts; preparing and using lathes, milling machines, shapers, and grinders with skill, safety, and precision.

**1017 MACHINE TOOL TECHNOLOGY (13203A001)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Beginning Machining

This course introduces students to the basic skills and machines needed in precision metal work. Students gain machining skills while working with lathes, milling machines, surface grinders, drill presses, and other equipment. In addition, students learn the basics of blueprint reading, precision measuring, layout, and machining process planning.

**1018 BEGINNING AUTOMOTIVE SERVICE (20106A001)**

Duration: 1 Terms (.5 Credit)
Level: 10, 11, 12
Prerequisite: Industrial Safety; Driver License

This course introduces students to the basic skills needed to inspect, maintain, and repair automobiles and light trucks that run on gasoline, electricity, or alternative fuels. Instructional units include engine performance, automotive electrical system, integrated computer systems, lubrication, exhaust and emission control, steering and suspension, fuel systems, cooling system, braking, and power train.

~~**1019 DC AUTO MECHANICS I (20104A002) (2027-28) (OCC)**~~

~~Duration: 2 Terms (1 Credit)~~
~~Level: 11, 12~~
~~Prerequisite: Beginning Automotive Service~~
~~*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*~~
~~IECC: AUM 1204 Automotive Electronics~~

~~This course offers a complete coverage of the basic duties and skills needed to be an entry-level electronics maintenance and light repair technician. The lab will offer a practical approach to the NATEF tasks for the Maintenance and Light Repair (G1) content area.~~ ~~**90% attendance is required for dual credit.**~~

~~**1020 DC AUTO MECHANICS II (20104A002) (2027-28) (OCC)**~~

~~Duration: 2 Terms (1 Credit)~~
~~Level: 11, 12~~
~~Prerequisite: DC Auto Mechanics I with a grade of "C" or better~~
~~*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*~~
~~IECC: AUM 1205 Automotive Chassis~~

~~This course offers a complete coverage of the basic duties and skills needed to be an entry-level chassis maintenance and light repair technician. The lab will offer a practical approach to the NATEF tasks for the Maintenance and Light Repair (G1) content area.~~ ~~**90% attendance is required for dual credit.**~~

~~**1021 DC AUTO SERVICE I (20104A001) (2026-27) (OCC)**~~

~~Duration: 2 Terms (1 Credit)~~
~~Level: 11, 12~~
~~Prerequisite: Beginning Automotive Service~~
~~*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*~~
~~IECC: AUM 1220 Selected Study in Auto Repair~~

~~This 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.~~
~~**90% attendance is required for dual credit.**~~

~~**1022 DC AUTO SERVICE II (20104A001) (2026-27) (OCC)**~~

~~Duration: 2 Terms (1 Credit)~~
~~Level: 11, 12~~
~~Prerequisite: DC Auto Service I with a grade of "C" or better~~
~~*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*~~
~~IECC: AUM 1203 Automotive Powertrain~~

~~This course offers a complete coverage of the basic duties and skills needed to be an entry-level powertrain maintenance and light repair technician. The lab will offer a practical approach to the NATEF tasks for the Maintenance and Light Repair (G1) content area.~~ ~~**90% attendance is required for dual credit.**~~

**1019 DC AUTO LIGHT REPAIR TECH I A (20104A001) (OCC)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: Beginning Automotive Service
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: AUM 1246 Engine Basics

See IECC Description
**90% attendance is required for dual credit.**

**1020 DC AUTO LIGHT REPAIR TECH I B (20104A002) (OCC)**

Duration: 2 Terms (1 Credit)
Level: 11, 12
Prerequisite: DC Light Auto Repair Tech I A with a grade of "C" or better
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: AUM 1240 Electrical Basics

An introduction to the electrical theory of automotive service including the operation and testing of batteries, charging and starting systems of a vehicle. This includes inspection and basic service procedures necessary for an entry-level technician. **90% attendance is required for dual credit.**

**1021 DC AUTO LIGHT REPAIR TECH II A (20104A001) (OCC)**

Duration: 2 Terms (1 Credit)
Level: 12
Prerequisite: DC Auto Light Repair Tech I B with a grade of "C" or better
*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: AUM 1244 Steering & Suspension Basics

An introduction to steering and suspension systems. Course topics include theory and basic service of tire and rim assemblies, steering systems, suspension systems and an introduction to vehicle alignment. **90% attendance is required for dual credit.**

**1022 DC AUTO LIGHT REPAIR TECH II B (20104A002) (OCC)**

Duration: 2 Terms (1 Credit)
Level: 12
Prerequisite: DC Auto Light Repair Tech II A with a grade of "C" or better

*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*
IECC: AUM 1248 Brake System Basics

An introduction to brake systems. Course topics include theory and basic service of disc brakes, drum brakes, power brake systems, parking brake systems and an introduction to anti-lock brake systems. **90% attendance is required for dual credit.**

~~**1033 DC INDUSTRIAL MAINTENANCE I (13203A005) (OCC)**~~

~~Duration: 2 Terms (1 Credit)~~
~~Level: 11, 12~~
~~Prerequisite: Machine Tool Technology~~
~~*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*~~
~~IECC: INM 1206 Intro to Industrial Maint Tech and INM 2200 Electro-Mechanics I~~

~~Career exploration that provides an orientation to the field of Industrial Maintenance Technology. Employee qualifications and work-related characteristics, types of equipment, job duties, employment potential, career trends and safety operations will be explored. This course also includes basic electricity, batteries, AC and DC circuits, transformers, and electrical measuring instruments. **90% attendance is required for dual credit.**~~

~~**1034 DC INDUSTRIAL MAINTENANCE II (13203A006) (OCC)**~~

~~Duration: 2 Terms (1 Credit)~~
~~Level: 11, 12~~
~~Prerequisite: DC Industrial Maintenance I with a grade of "C" or better~~
~~*To enroll in **Dual Credit**, students must meet Dual Credit Placement criteria.*~~
~~IECC: INM 1200 Mechanics~~

~~This course includes basic mechanics, lubrication, drive components, and bearings, as related to industrial applications. **90% attendance is required for dual credit.**~~