

**Riverdale School District
Academic and Career Planning
Guide
2017-2018**



Riverdale School District
235 East Elm Street
Muscodá, WI 53573

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August, 2017

RE: Academic and Career Plan

Dear Parents/Guardians:

The Riverdale School District has developed the following Academic and Career Plan (ACP) to guide students from their 6th grade year to their 12th grade year. This plan acts as a navigational tool for students, staff, and parents for each student's career development. Research states that when a student has a goal, that is carefully researched and thought out, the chances for attaining that goal greatly increases.

Riverdale's ACP mission is to empower all students to travel the road to adulthood through education and training to a chosen career. ACP is a process that helps students engage in academic and career development activities. This is accomplished by helping students understand their own interests, strengths, values, learning styles, and creating a vision for their future. The student then develops goals and prepares a personal plan for achieving their vision and goals. This plan will be evaluated and altered yearly and will follow them beyond their high school career.

This plan organizes Riverdale's current activities and curriculum and incorporates Career Cruising, an interactive internet based computer software program that will build a student's electronic portfolio. The ACP plan will focus on the 16 Career Clusters and 21st Century Learning Skills.

This student centered ACP plan will be implemented and monitored by teaching staff of the Riverdale School District. If you have questions or require more information please contact Stacey Troxel or Jon Schmidt at 608-739-3116. You can email us at stacey.troxel@riverdale.k12.wi.us and jschmidt@riverdale.k12.wi.us.

Sincerely,

Jon Schmidt/Stacey Troxel
Riverdale JH/Senior High School

Riverdale Academic and Career Plan (ACP) 2017

Law: State Statute 115:28(50) Academic and Career Planning

- a) 2017-18 school year: every school board provides academic and career planning services to ALL students in grades 6 to 12

School Goal:

The goal of the ACP is to provide annual academic and career planning for all students in grades 6th-12th grade.

Student Goals:

- Know:** Get to know your interests, skills & strengths “Who am I”
- Explore:** Explore career pathways and education opportunities “Where do I want to go”
- Plan:** Set goals, choose courses, join clubs & activities, obtain financing, fill out applications, write resumes “How do I get there? Set your route”
- Go:** Recalculate as needed.

*Through our program, students will be given the tools to begin to **know** themselves and become self-aware of their skills, preferences and aspirations. Students will **explore** career possibilities through educational pathways, create a realistic **plan**, and **go** and take into action their goals.*

Community Goal:

The goal of the Riverdale School District is to develop and foster a working relationship between our students, school and community businesses by providing opportunities for our students to connect, work and network with local businesses.

Implementation Tools:

- Career Cruising (Software Program)
 - 16 Career Clusters that are linked to programs of study
- School Club/Activities
 - FBLA, FFA, Leo, Spanish, Choices, Drama, Art, Library, R Club, Student Council, Vocal Jazz, Jazz Band, Yearbook, GSA, and boys and girls athletics
- CTE(Career and Technical Education) Courses

- ❑ Agriculture, Technology Education, Business, Foreign Language, Art and Music courses
- ❑ CEC (Career Education Cooperative)
 - ❑ CEC is an organization created to connect high school students to living wage career opportunities in Southwest Wisconsin
- ❑ College Preparatory
 - ❑ Advanced Placement Courses, Dual Credit, Laude System and core classes
- ❑ Community Outreach Programs
 - ❑ SWTC, Youth Options, Work Experience, and CEC
- ❑ BOOST (Building Opportunities and Occupations for Students Together)
 - ❑ Five Local schools combining schedules and resources to provide opportunities for students

ACP Guiding Questions

- ❑ **What does the job market look like in your area?**
Manufacturing mainly with other small business in the background.
- ❑ **What does that mean for the preparation of our students?**
In order to be successful, students must be exposed to opportunities, facts, building and honing skills in specific areas, etc.
- ❑ **How will you inform and involve families throughout students' academic and career planning processes?**
Career Cruising, ACP Plan, Outreach programs, parent meetings
- ❑ **How will you engage and partner with your community?**
Career Education Coop, Youth Options, BOOST, Get Real, College Tours, Mock Interview Prep with local businesses, School-to-Work, School Service, Volunteer Opportunities, Apprenticeships, Internships.
- ❑ **How will you support ALL students individually to complete and review academic and career plan documents each year?**
Career Cruising creates individual career plans that are specific to their skills, abilities and goals.
- ❑ **How will you prepare your staff to be ready to deliver ACP services and support students in their planning?**
Staff will be provided with inservice training and the Career Cruising program.
- ❑ **How will you work with your students with disabilities to help the ACP process and plan support the transition planning process?**
Career Cruising will be implemented into each student's Individualized Education Plan.

- ❑ **How can you show your community and your school board what you plan to implement, the progress you've made toward your goals, and how students are being impacted by ACP in your district?**

Through the ACP, students will become familiar with local business opportunities. In doing so, we will encourage them to work and live in the local area.

- ❑ **Upon completion of the student's 12th grade year, the student will have met the Career Cruising portfolio completion standards.**

Scope and Sequence

- ❑ 6th grade
 - ❑ Career Class
 - ❑ Open an student account
 - ❑ Develop a Career and Interest Inventory
 - ❑ Match your results from your assessment to your area of interest
 - ❑ Navigate through your Assessments, My Plan, My Activities
- ❑ 7th grade
 - ❑ Health Class
 - ❑ Update/created your "Matchmaker" assessment
 - ❑ Search for careers through a school subject
 - ❑ Create Journal Entries under "My Plan"
 - ❑ Introduce "The Real Game" with financial literacy and life skills program
- ❑ 8th grade
 - ❑ Career Class
 - ❑ Retake the "Matchmaker" assessment
 - ❑ Investigate their identified "Career clusters and research areas of interest"
 - ❑ Introduce parents to parent portals by emails and letters home.
- ❑ 9th grade
 - ❑ Health Class
 - ❑ Take Learning Styles Inventory
 - ❑ Introduce "Career Selector Tool"
 - ❑ Students should complete Course Planning Tool
 - ❑ School Clubs/Activities should be encouraged to reinforce students interests

- ❑ Students take core classes to build the foundation for the ACP development
 - ❑ College Visits
 - ❑ SWTC/UW-Richland
 - ❑ Class Trips
- ❑ 10th grade
 - ❑ Current Issues
 - ❑ College Visits
 - ❑ SWTC/UW-Richland, UW-Platteville, UW-La Crosse, Upper Iowa University
- ❑ 11th grade
 - ❑ College and Career Writing
 - ❑ Interview Day
 - ❑ Junior Planning Meetings
 - ❑ ACT/Workkeys Testing Days
 - ❑ PSAT
 - ❑ AP Courses
 - ❑ Get Real
 - ❑ Youth Options
- ❑ 12th grade
 - ❑ Work Experience
 - ❑ College Visits
 - ❑ School Service
 - ❑ AP Courses
 - ❑ Youth Options

Riverdale's Technology Plan (6-8)

Grade 6

21st Century Skills
<ul style="list-style-type: none"> ● Spreadsheets-Introduced ● Review and use correct posture and "home row" typing positions introduced in earlier grades. Encourage students to type classroom reports and assignments using correct finger positions ● Copy and paste information from the internet into a Microsoft Word document for note taking purposes ● Use the Thesaurus tool to broaden their scope of word use

- Cite Internet sources
- Add sites to favorites

Technology: Common Language

Formula – equation that performs a calculation on a spreadsheet
 Operating system – base software in the computer

Grade Level Program Recommendations (Each category listed in order of priority)

Technology:

- Google Suite

Reading:

- ConnectEd - assigned weekly activities
- MobyMax
 - 2-3 times a week, 15-20 min.

Math:

- Big Ideas Online as assigned by teacher
- Moby Max
 - Begin year with assessment
 - Use when
- Reflex Math -
 - 3 or more times per week; 15-20 min. for students identified in need of fact intervention
 - Goal = green light at least 3 times per week

Supplementary Teacher Program Resources

Literacy:

- ConnectED
- www.readingatoz.com - literacy resources
- <https://www.dogonews.com/> - free reading comprehension, critical thinking, and vocabulary in context activities
- <https://newsela.com> - free leveled comprehension & current events resources
- www.flocabulary.com - uses educational hip-hop music to engage students and increase achievement across the curriculum. Grammar and various skill areas/strategies available.
- <http://writingfix.com> -
- www.teachingbooks.net - thousands of resources about fiction and nonfiction books used in the K–12 environment, with every resource selected to encourage the integration of multimedia author and book materials into reading and library activities.

Math:

- Reflex Math
 - Individual student logins for students needing intervention only
 - Teachers assign facts to master to begin, then individual paths automatically generated
- Big Ideas Online
 - Individual student logins
 - Skill/lesson selected by teacher for purposeful practice

Multiple Domains:

- MobyMax
 - Individual student logins
 - Skills assigned by teacher or placement tests
- Education.com
 - Teacher may use for whole group or small group instruction, printable resources

Grade 7

21st Century Skills

- Use a video connection to engage in educational enrichment

Technology: Common Language

Grade Level Program Recommendations

(Each category listed in order of priority)

Technology:

- Google Suite
- Schoology

Reading:

- ConnectEd - assigned weekly activities
- MobyMax
 - 2-3 times a week, 15-20 min.

Math:

- Big Ideas Online as assigned by teacher
- Moby Max
 - Begin year with assessment
 - Use when
- Reflex Math -
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Math:

- Reflex Math
 - Individual student logins for students needing intervention only
 - Teachers assign facts to master to begin, then individual paths automatically generated
- Big Ideas Online
 - Individual student logins
 - Skill/lesson selected by teacher for purposeful practice

Multiple Domains:

- MobyMax
 - Individual student logins

Grade 8

21st Century Skills

- Use a learning management platform (Schoology) to access curricular content
- Use a learning management platform (Schoology) to complete an assessment
- Use a learning management platform (Schoology) to submit an assessment
- Use a learning management platform (Schoology) to collaborate with peer

Technology: Common Language

Grade Level Program Recommendations

(Each category listed in order of priority)

Technology:

- Google Suite
- Schoology, 3 times weekly (minimum)

Reading:

- ConnectEd - assigned weekly activities
- MobyMax
 - 2-3 times a week, 15-20 min.

Math:

- Big Ideas Online as assigned by teacher
- Moby Max
 - Begin year with assessment
 - Use when
- Reflex Math -
 - 3 or more times per week; 15-20 min. for students identified in need of fact intervention
 - Goal = green light at least 3 times per week

Supplementary Teacher Program Resources

Literacy:

- ConnectED
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Multiple Domains:

- MobyMax
 - Individual student logins
 - Skills assigned by teacher or placement tests
- Education.com
 - Teacher may use for whole group or small group instruction, printable resources

- Skill selected by teacher for purposeful practice
- BrainPOP
 - Individual student logins available
 - Skills assigned by teacher or placement tests
 - Teacher resource
- Odyssey
 - Limited use available
 - Contact a coach for details

16 Career Clusters

<i>Agriculture, Food & Natural Resources</i>	The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.
<i>Architecture & Construction</i>	Careers in designing, planning, managing, building and maintaining the built environment.
<i>Arts, A/V Technology & Communications</i>	Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.
<i>Business Management & Administration</i>	Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.
<i>Education & Training</i>	Planning, managing and providing education and training services, and related learning support services.
<i>Finance</i>	Planning, services for financial and investment planning, banking, insurance, and business financial management.
<i>Government & Public Administration</i>	Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.
<i>Health Science</i>	Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

<i>Hospitality & Tourism</i>	Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.
<i>Human Services</i>	Preparing individuals for employment in career pathways that relate to families and human needs.
<i>Information Technology</i>	Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.
<i>Law, Public Safety, Corrections & Security</i>	Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.
<i>Manufacturing</i>	Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.
<i>Marketing, Sales & Service</i>	Planning, managing, and performing marketing activities to reach organizational objectives.
<i>Science, Technology, Engineering and Mathematics</i>	Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.
<i>Transportation, Distribution & Logistics</i>	Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

BOOST Class Schedule

2017-18		1	2	3	4	5A	5B	6	7	8
Mineral Point	S	Spanish IV		Music and Culture (CAPP)	AP Calc					
	S			Music Theory						

	2			(CAPP)					
	S1							AP US History	
	S2			AP US History					
Pecatonica	S1		AP Computer Science	AP Statistics	Accounting (SWTC)			AP World History	
	S2								
Riverdale	S1			Physics				Accounting	Personal Finance
	S2		General Business						
	S1	Spanish III	Spanish IV					Spanish II	
	S2								
Kickapoo	S1					College Algebra			
	S2								
Highland	S1		Advanced Algebra	Geometry		Algebra		Algebra B	
	S2								
	S1	Applied Math	Spanish IV			Intro to Business			
	S	Statistics						Accounting I	Digital Media

	2									
SWTC	S1							Speech		
	S2									
UW-Platteville	S1									
Literature (3cr)?	S2							Literature 2 (6cr)		
UW-Stevens Point	S1									
German?	S2									



Riverdale High School

2017-2018
Course Guide

Nondiscrimination Statement

It is the policy of the Riverdale School District that no person may be denied admission to any public school in the district or be denied participation in, be denied the benefits of, or be discriminated against in any curricular, cocurricular, student services, recreational or other program or activity because of the person's sex, race color, national origin, ancestry, creed, religion, pregnancy, marital or parental status, sexual orientation, handicap or physical, mental, emotional or learning disability in the educational programs or activities operated by the Riverdale School District.

RIVERDALE HIGH SCHOOL

Please remember that selecting courses is a matter which takes a serious approach and planning. At the High School we are reluctant to change class choices, but we will do so based on student needs and school requirements. **All schedule changes will require written parent permission.**

All 2010 high school students and beyond must earn 26 credits in order to graduate from Riverdale High School.

Course graduation requirements for students are as follows:

English English 9, English 10, College & Career Writing 11, .5 Elective Junior English, 1.0 Elective Senior English	4.0 credits
Social Studies World History/Geography 9th, U.S. History 10th, Current America/ Government 11th	3.0 credits
Math Algebra I or Algebra Block, Geometry 4 year college bound students should take Math all 4 years	3.0 credits
Science Biology 9th, Chemistry or Chem. Comm. 10th .5 Science can be earned from certain Ag classes. 4 year college bound students should take at minimum: Biology, Chemistry and Physics	3.0 credits
Health (9th grade)	0.5 credits
Physical Education (1/2 credit per year, 91011 grades)	1.5 credits
Current Issues in Education (10th grade)	0.5 credits
Personal Finance (11th grade)	0.5 credits
<u>Total Required</u>	15.5 credits

All students, as directed by School Board Directive, must carry a minimum of 7 classes (3.5 credits) per semester. All students are allowed one study hall per semester. Only 9th graders are allowed a second study hall during 1st semester of their 9th grade year to help with transition to high school.

1. Students in good academic standing can register for a maximum of 8 classes (4.0 credits) per semester; with written parent permission. Students wishing to take courses from outside sources are subject to administrative approval.
2. Students may be allowed to graduate early, if all academic requirements will be completed, have written approval by parent/guardian, minimum 7.5 semesters of high school, apply at least 1 semester prior to early graduation to the principal.
3. To participate in the graduation ceremony, Seniors must meet the conditions set forth in the student handbook.
4. Students will be allowed to make changes to their schedule if the course they wish to take is still available. Schedule changes for the following semester can happen any time prior to the start of the semester by contacting the counselor's office, until school starts. Students will then have **up to 3 days** at the beginning of each semester to complete schedule changes. Students will not be allowed to add a class after the first week unless the instructor gives permission. Students have two weeks at the beginning of each semester to drop elective classes without penalty. If a student drops a class (required classes cannot be dropped) after the first two weeks or is removed from the course for discipline reasons, the student will receive an F for a grade; calculating into the student's grade point average.

Earning College Credits at RHS (Dual Credit)

RHS offers many courses that can result in college credit and/or advanced placement at many universities, colleges and technical colleges.

Advanced Placement (AP) Courses

AP courses are taught using the College Board curriculum that is nationally recognized and annually audited. At the end of the course, students can take the nationally normed test. If they score a 3 or better (out of 5), they will be granted advanced placement or credit towards their degree (placement and credits vary depending on school). Each AP exam costs about \$87. Examples: AP Biology, AP Calculus AP Literature, AP History. The following link: <http://uwhelp.wisconsin.edu/testing/ap.aspx> gives specific information for University of Wisconsin Colleges and the number of credits that are granted according to scores earned on an AP test.

***Advantage:** Students enter a program with earned credits and/or credentials, which result in financial savings.

Transcribed/Articulated

Transcribed/Articulated courses are courses where credit can be earned when students complete a technical college course curriculum which is taught by a college certified RHS teacher. Many courses require specific grades to earn credit. Students are awarded a postsecondary transcript after completion and GPA is factored into both a high school and college transcript. Examples:

Applied Math –SWTC,

Accounting I – SWTC, *Workplace Communications – SWTC (working on agreement)*

***Advantage:** Students enter a program with earned credits and credentials, which result in financial savings.

Telepresence Coursework

Riverdale High School is a part of a new and exciting consortium of schools who will be offering courses to each other via telepresence. Students will be able to take a course offered at another school while sitting in almost any room in our district. We will also be able to offer courses from Southwest WI Technical College beginning this spring with some exciting Health Care offerings. University and Technical College offerings will be dual credit options for our students.

***Advantage:** Students enter a program with earned credits and/or credentials, which result in financial savings.

ENGLISH

01001 ENGLISH 9

FULL YEAR 1 CREDIT

This course provides students with an intensive survey of literature and writing. The curriculum includes short stories, mythology, poetry, Shakespeare, nonfiction, drama, and grammar. Special attention is paid to developing the student's writing skills in a variety of forms, including persuasive, narrative, expository, and descriptive essays.

REQUIRED FOR ALL 9TH GRADERS REGARDLESS OF RACE, COLOR, NATIONAL ORIGIN, SEX OR DISABILITY

01002 ENGLISH 10

FULL YEAR 1 CREDIT

In this course, students will read short stories, novels, dramas, nonfiction, and poetry. The works come from a broad range of time periods and cultures. As students read and analyze the literature, they will become more skilled interpreters of literature and the world in which we live. In addition to reading, students will be writing narrative, research, and persuasive papers. Journal writing will be an important part of this course as it shows growth in development of students as writers and thinkers.

REQUIRED FOR ALL 10TH GRADERS REGARDLESS OF RACE, COLOR, NATIONAL ORIGIN, SEX OR DISABILITY

01053 AP ENGLISH LITERATURE (Grades 1112)

FULL YEAR COURSE 1 CREDIT, 1 LAUDE PT. PER SEMESTER

An AP English course in literature engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students will deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students will consider a work's structure, style, and themes as well as smaller-scale elements as the use of figurative language, imager, symbolism, and tone. In this course, students read work from several genres and periods from the sixteenth to the twenty-first century. Students will reflect on the social and historical values the time period reflects and embodies.

01062 CONTEMPORARY LITERATURE (Grade 11 or 12)

SEMESTER COURSE .5 CREDIT

This course is designed for the student who enjoys reading, and it focuses on literature written after 1945. Selections will be from an approved list and chosen based on individual and whole group needs, so they will vary from year to year, learner to learner,

but all students will read thematic selections from the Contemporary Literature textbook. In addition, learners will be required to read selections from other genres from a list provided by the instructor. Individual students' assigned readings will be based on interest and Lexile results. Discussion, literature circles, written analysis and reflection, individual and group projects, and testing will be used to evaluate and assess student performance.

NOTE: LEARNERS MUST BE ABLE TO AND WILLING TO READ SUBSTANTIAL AMOUNTS OF LITERATURE ON A DAILY BASIS OUTSIDE THE CLASSROOM.

01099 MYTHS & LEGENDS (Grades 1012)

SEMESTER COURSE .5 CREDIT

This course introduces British, American, and Norse myths and legends through the study of themes and narratives found through fiction, nonfiction, short stories, poetry, and drama. Students will be examining the ways in which the myths and legends reflect the cultural values and religious beliefs from which they derive. Geographical, historical, political, and social conditions which contribute to myth making will also be examined. Emphasis is on written and oral communication skills.

011001 21ST CENTURY MEDIA (Grades 912)

SEMESTER COURSE .5 CREDIT

In 21st Century Media, students will examine the inner workings of the mass media and the ways they influence us. By studying newspaper, radio, television, film, and other electronic media, students will develop standards for the integrity and artistry of these media. The goal of the course is to increase students' media literacy through a broader awareness of various forms of mass media.

01156 COLLEGE & CAREER WRITING (Grade 11th grade requirement)

SEMESTER COURSE .5 CREDIT

This is a required course designed to help students prepare for college and career fields when entering the workforce. This course will help students to become familiar with test taking strategies that will assist students when taking the ACT test. This course is also designed to develop the necessary skills assist students to attain post-secondary employment. Curriculum areas include but are not limited to: defining your skills and goals, career exploration, telephone etiquette, business writing, employment forms, electronic and inter-office communications, developing job leads, giving presentations, resumes, cover letters, references, thank you letters, interviewing, creating a career portfolio and job shadows. Appearance, dependability (including attendance and punctuality) and honesty are needed skills that will be emphasized throughout the course. Your final exam will be an interview with a community business person.

01103 COMPOSITION (Grade 11 or 12)

SEMESTER COURSE .5 CREDIT, .5 LAUDE PTS.

Composition is a class for college bound students that introduces them to the basic format for college writing. The written products will be primarily expository or analytical. Students will read some works of literature for this class to provide a common background for literary analysis.

01104 CREATIVE WRITING (Grade 11 or 12)

SEMESTER COURSE .5 CREDIT

In this course, students will explore different styles and techniques for creative expression. Students will write short memoirs, short stories, plays, and poetry, and other formats developing basics of these genres. Students will focus on exploring imagery, voice, diction, characterization, conflict, point of view, line breaks, sound devices, figurative language, dialogue, and setting in a collaborative environment.

01105 RESEARCH METHODS (GRADE 11 or 12)

SEMESTER COURSE .5 CREDIT, .5 LAUDE PTS.

Research Methods is a class meant for college bound students. The activities will focus on proper research paper composition primarily using the Modern Language Association (MLA) style format. Composition and formal language skills will be an

emphasis item. The range of papers will vary from short interpretive essays to a fully annotated term paper. A high degree of self-motivation by the students is essential.

PREREQUISITE: MUST HAVE COMPLETED COMPOSITION WITH A C OR HIGHER, ENFORCED BY THE INSTRUCTOR.

01152 FORENSICS & DEBATE (Grade 11 or 12)

SEMESTER COURSE .5 CREDIT

Interpreting language and performing in front of others are important life skills. This course will focus on presenting performing arts, composing and presenting speeches, and reacting to current events in selected speaking activities. This communication arts course will follow the guidelines set forth by the Wisconsin High School Forensics Association. Students will study forensic theory, learn the rules for competitive speaking, and prepare and evaluate various speaking activities. The course will enhance existing speaking skills and encourage participation in competition in Forensics and other performing arts.

MATH

02052 ALGEBRA I (Grade 9)

FULL YEAR one math credit Same as Algebra Block Description

PREREQUISITE: COMPLETION OF 8TH GRADE MATH OR TEACHER RECOMMENDATION

02053 ALGEBRA BLOCK (Grade 9, 2 hour commitment)

FULL YEAR one math credit one elective credit

This class is the bridge from the concrete to the abstract study of mathematics. The language, concepts and techniques of Algebra prepare students to approach and solve problems following a logical success of steps. Topics include simplifying expressions, evaluating and solving equations and inequalities, and graphing linear and quadratic functions and relations. Real world applications are presented within the course content and a function's approach is emphasized. **A scientific calculator is required.**

PREREQUISITE: COMPLETION OF 8 GRADE MATH OR TEACHER RECOMMENDATION

02072 GEOMETRY

FULL YEAR 1 CREDIT

Students in this course will develop their discovery, conjecture and logical reasoning skills. Topics covered include the following essential geometric concepts: congruence, similarity, perpendicular and parallel lines, special quadrilaterals and their properties, right triangle trigonometry, circle relationships, polygons, surface area and volume of 3 dimensional solids and coordinate/transformational geometry. Fundamentals of deductive and inductive logic are presented using mathematical proofs, geometric proofs and realworld problem solving as tools. **A scientific calculator is required.**

PREREQUISITE: COMPLETION OF ALGEBRA WITH A MINIMUM GRADE OF "C" AND/OR TEACHER RECOMMENDATION.

02056 ALGEBRA II

FULL YEAR 1 CREDIT, .5 LAUDE PT. PER SEMESTER

Four-year College or vocational/technical school bound students must take this course. Algebra II continues the study of algebraic concepts and skills developed in Algebra I. The content of the course is organized around families of functions including linear, quadratic, exponential, logarithmic, and radical and rational functions. As each family is studied, multiple ways of representation will be investigated as well as how the different families can be used to model real-world situations. Additional topics include probability and data analysis, conic sections, and sequences and series.

PREREQUISITE: COMPLETION OF GEOMETRY WITH A MINIMUM GRADE OF "C" AND/OR TEACHER RECOMMENDATION ALONG WITH SUCCESSFUL COMPLETION OF ALGEBRA II SCREENER OF NECESSARY SKILLS. **Students must own or lease a TI83+/TI84+ graphic calculator for this class.**

02106 PRE-CALCULUS

TWO SEMESTERS 0.5 CREDIT per SEMESTER, .5 LAUDE PT. PER SEMESTER

It is recommended that four-year college bound students enroll in this course. During the first semester, the primary focus will be the study of trigonometry. Trigonometric functions of real numbers and angles as well as analytical trigonometry will be studied. The second semester includes the study of functions from a calculus perspective, systems of equations, and probability and statistics. This course is a preparation for students planning a STEM (science, technology, engineering, or mathematics) career.

PREREQUISITES: Completion of Algebra II with a minimum grade of "B-" and teacher recommendation.

Students must own or lease a TI-83+/TI-84+ graphic calculator for this class.

02149 MATH 4 (INTRODUCTION TO ADVANCED MATHEMATICS)

TWO SEMESTERS 0.5 CREDIT per SEMESTER, .5 LAUDE PT. PER SEMESTER

Introduction to Advanced Mathematics is designed for the specific purpose of preparing students to enter a typical college algebra, finite math or statistics course at the college level. The first semester will include the basics of trigonometry as well as the review of basic topics covered in Algebra II and on college placement tests such as the ACT. The second semester will introduce higher level statistics and probability topics. Students planning to pursue a college degree in an area other than science, mathematics, engineering, or technology should enroll.

PREREQUISITES: COMPLETION OF ALGEBRA II WITH A MINIMUM GRADE OF “C” AND TEACHER RECOMMENDATION.

Extensive use of TI Navigator technology will require each student have their own TI graphing calculator. (TI 83+ or 84+)

02124 AP CALCULUS AB

FULL YEAR 1 CREDIT, 1 LAUDE PT. PER SEMESTER

In AP* Calculus AB, students learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. Instead of simply getting the right answer, students learn to evaluate the soundness of proposed solutions and to apply mathematical reasoning to realworld models. Calculus helps scientists, engineers, and financial analysts understand the complex relationships behind realworld phenomena. The equivalent of an introductory collegelevel calculus course, AP Calculus AB prepares students for the AP exam and further studies in science, engineering, and mathematics. This class is a study of single variable calculus, including limits, derivatives, curve sketching, integrals, and inverse functions.

02151 APPLIED MATH (Articulated Credit with SWTC)

FULL YEAR 1 CREDIT, .5 LAUDE PT. PER SEMESTER

This course is intended for 11th and 12 grade students who are vocationally bound. The question of “When will I ever use this?” is answered in this course. In all three modules of this class the emphasis will be on solving realworld application problems.

In the Math Review Module, the learner will use ratio and proportion and formulas to solve problems. Students will perform algebraic operations, solve linear equations, and rearrange algebraic formulas in the Business Module. Using these skills, students will use graphs and statistical tools such as spreadsheets to organize, represent and analyze data from various financial situations. Students will make and convert various measurements, compute the dimensions of geometric shapes and use basic right triangle trigonometry to answer practical problems in the Technical Module.

Students completing this course with at least a “B” average will be eligible for advanced standing credit at schools in the Wisconsin Technical System offering a similar course. Individual schools may require enrollees to pass an Advanced Placement Test before granting credit.

Prerequisite: 11TH OR 12TH GRADE STANDING AND COMPLETION OF ALGEBRA I BLOCK/GEOMETRY OR ALGEBRA I/GEOMETRY MATH SEQUENCE. **A scientific calculator is required.**

SCIENCE

03051 BIOLOGY (9th Grade Requirement)

FULL YEAR 1 CREDIT

This course will give the student a complete background about living things including cellular structure, anatomy, physiology, and interrelationships. Emphasis will be given to the process by which we discover new things about life.

REQUIRED BY ALL 9TH GRADERS REGARDLESS OF RACE, COLOR, NATIONAL ORIGIN, SEX OR DISABILITY

03101 CHEMISTRY (10th Grade Requirement)

FULL YEAR 1 CREDIT

Chemistry is an elective course open to sophomores/juniors after successful completion of Biology. Students who plan to continue their education, enter a nurse’s training hospital or take shortterm training in another science related career are good candidates for Chemistry. Chemistry is a central science, meaning it relates to all other scientific fields. Successful participation and completion requires basic skills in algebra. A scientific calculator is required for this class. PREREQUISITE: Successful completion of ALGEBRA I and BIOLOGY with a C or better.

REQUIRED OF ALL 10TH GRADERS REGARDLESS OF RACE, COLOR, NATIONAL ORIGIN, SEX OR DISABILITY

03105 CHEMISTRY IN THE COMMUNITY (CHEM COMM)

(Alternate Grade 10 Requirement) FULL YEAR 1 CREDIT

Chem Comm is a lab based course that covers similar concepts as Chemistry. The focus is on how these concepts apply to the community or world we live in. The class explores chemistry through environmental, political, and social issues and places less emphasis on the mathematics of chemistry. The course is not considered a college preparatory course and will not count as Chemistry at a 4 year college, but can be taken prior to enrolling in Chemistry.

PREREQUISITES – SUCCESSFUL COMPLETION OF BIOLOGY.

03056 AP BIOLOGY (Grade 11 or 12)

FULL YEAR COURSE 1 CREDIT, 1 LAUDE PT. PER SEMESTER

This rigorous course is designed to be the equivalent of a college introductory biology course. It is typically taken by students who have a strong interest or desire to pursue a career in the biological sciences which may include medical and nursing fields,

plant or animal studies, environmental studies, microbiology, or scientific research. AP Biology differs from regular high school biology through the use of a collegelevel text, a greater range and depth of topics covered, a faster pace of instruction, more sophisticated lab work, and more time and effort required of students in order to succeed in the course. This course has been authorized by the College Board as meeting the requirements for AP Biology. The course will culminate in the taking of the Advanced Placement Biology Examination. After showing themselves to be qualified on the AP Examination, some students, as college freshmen, are permitted to take upperlevel courses in biology or to register for courses for which biology is a prerequisite. Students that score at the highest level on the AP Biology exam may even earn college credits.

PREREQUISITE: Successful completion of Biology with a grade of 'B' or higher. Successful completion of Chemistry (not including Chem Comm) with a grade of 'B' or higher. Consent of instructor if any of the previous prerequisites are not met

03001 EARTH SCIENCE (Grade 1112) (ALTERNATING YEAR COURSE)

SEMESTER COURSE .5 CREDIT

Earth Science is a semester long course designed gives understanding into the natural science related to the Earth and beyond. Units of study include: geology, weather, astronomy, plate tectonics, and oceanography. This class is designed for juniors and seniors. Prerequisites include successful completion of biology and chemistry.

15053 FORENSIC SCIENCE (Grade 12) (ALTERNATING YEAR COURSE)

SEMESTER COURSE .5 CREDIT

Forensic Science is an upper level course for students interested in pursuing a degree in the criminology field. It is a lab based course where students will study fingerprinting, ballistics, crime scene analysis, law, DNA, organic analysis.

PREREQUISITE: SUCCESSFUL COMPLETION OF BIOLOGY, CHEMISTRY, AND PHYSICS OR SCIENCE TEACHER RECOMMENDATION

03053 HUMAN ANATOMY & PHYSIOLOGY (Grade 11 or 12)

FULL YEAR 1 CREDIT, .5 LAUDE PT. PER SEMESTER

This course will provide the student with a background in the physical condition of the human body. It is designed specifically for students who have an interest in pursuing a career in a health and/or medical field.

PREREQUISITE: BIOLOGY AND CHEMISTRY WITH A MINIMUM GRADE OF "C" IN BOTH

03151 PHYSICS (Grade 11 or 12)

FULL YEAR 1 CREDIT, .5 LAUDE PT. PER SEMESTER

Physics is designed to help increase knowledge of the physical world. A basic background in physics is required to continue an education in science/engineering or to enter technical schools in electronics, mechanics, etc. Physics is offered as an elective to juniors/seniors. A good working knowledge of algebra and geometry is essential. A scientific calculator is required for this class.

PREREQUISITE: ALGEBRA I AND GEOMETRY

03102 ADVANCED CHEMISTRY (Grade 11 or 12) (ALTERNATING YEAR COURSE)

SEMESTER COURSE .5 CREDIT, .5 LAUDE PT.

Advanced chemistry is offered to juniors/seniors interested in pursuing a science/medical career. Emphasis will be on areas stressed at the college level (acid base theory, equilibrium, atomic structure, and others) and on problem solving. A good background in math is essential. A scientific calculator is required for this class.

PREREQUISITE: ALGEBRA, CHEMISTRY, AND GEOMETRY

SOCIAL STUDIES

04053 WORLD HISTORY

SEMESTER COURSE .5 CREDIT

World History provides for a comprehensive, in depth coverage of modern history. A chronological approach is used to study the development of Western civilization. Basic coverage is also provided of the eastern world and its civilization. The course also stresses that history concerns itself with all the areas of human life and development.

REQUIRED FOR ALL 9TH GRADERS REGARDLESS OF RACE, COLOR, NATIONAL ORIGIN, SEX OR DISABILITY

04001 GEOGRAPHY

SEMESTER COURSE .5 CREDIT

Geography is a survey course of 10 cultural regions of our world. This course emphasizes the study of the earth's surface including people's response to topography, climate, soil, and vegetation.

REQUIRED FOR ALL 9TH GRADERS REGARDLESS OF RACE, COLOR, NATIONAL ORIGIN, SEX OR DISABILITY

04101 U.S. HISTORY

FULL YEAR 1 CREDIT

United States History covers the period beginning with the Civil War to the end of World War II.

REQUIRED FOR ALL 10TH GRADERS REGARDLESS OF RACE, COLOR, NATIONAL ORIGIN, SEX OR DISABILITY

04103 CURRENT AMERICAN HISTORY

SEMESTER COURSE .5 CREDIT

Current America covers the period of history from World War II to the present. This course takes a detailed look at the political, cultural, and economical aspects of life in the United States.

REQUIRED FOR ALL 11TH GRADERS REGARDLESS OF RACE, COLOR, NATIONAL ORIGIN, SEX OR DISABILITY

04151 US GOVERNMENT HISTORY

SEMESTER COURSE .5 CREDIT

This course examines the US government at the local, state, and the federal levels.

REQUIRED FOR ALL 11TH GRADERS REGARDLESS OF RACE, COLOR, NATIONAL ORIGIN, SEX OR DISABILITY

04109 WISCONSIN HISTORY (Grade 11 or 12)

SEMESTER COURSE .5 CREDIT

Wisconsin History will cover the emergence and development of the state of Wisconsin through a historical and local perspective.

04064 GLOBAL ISSUES (Grade 11 or 12)

SEMESTER COURSE .5 CREDIT

.5 LAUDE PT

This elective class is designed for Junior or Senior students to examine and discuss current topics of the world.

04254 PSYCHOLOGY (Grade 11 or 12)

FULL YEAR 1 CREDIT

.5 LAUDE PT. PER SEMESTER

This class introduces core theories, terms and applications of psychology and modes of statistical measurement. Discussion and projects focus on

understanding dynamics of human behavior. Recommended for college bound students and those who have an interest in the health fields.

PREREQUISITE: ALGEBRA I, BIOLOGY, AND RECOMMENDED 3.0 CUMULATIVE GPA IN SOCIAL STUDIES.

04104 AP HISTORY

FULL YEAR 1 CREDIT

1 LAUDE PT. PER SEMESTER

AP U.S. History analyzes and explores the economic, political, and social changes in America since Columbus. Students master historical knowledge and critical analysis, build reading, writing, and communication skills, and discover how historical events have contributed to American culture. In the process, they'll learn how decisions and events of the past continue to have profound effects on the world today and how knowledge of the causes behind past events can influence future decisions. By the end of the course, students will be ready to put their factual knowledge to work by weighing evidence and interpreting problems presented by historians. The equivalent of an introductory college level course, AP U.S. History prepares students for the AP Exam and for further study in history, political science, economics, sociology, and law. This course has been authorized by the College Board to use the AP designation.

ECONOMICS AND THE BUSINESS WORLD

SEMESTER COURSE .5 CREDIT

This class will introduce you to the world of business and help prepare you for the economic roles of consumer, worker, and citizen. This course will serve as a background for other business courses you may take in high school and in college, assist you with consumer decision making, prepare you for future employment, and help you effectively perform your responsibilities as a citizen.

PHYSICAL EDUCATION

08051 HEALTH

SEMESTER COURSE .5 CREDIT

The purpose of Health Education is to help each individual grow and understand himself/herself better physically, socially and mentally. Instruction will deal with a variety of current issues including A Healthy Foundation, Physical Activity and Nutrition,

Safe and Healthy Relationships, Personal Care and Body Systems, Growth and Development, Tobacco, Alcohol and Other Drugs, and First Aid.

REQUIRED OF ALL 9TH GRADERS REGARDLESS OF RACE, COLOR, NATIONAL ORIGIN, SEX OR DISABILITY

08001 PHYSICAL EDUCATION 9 (Sports Skills)

SEMESTER COURSE .5 CREDIT

Team activities: volleyball, basketball, flag football, ultimate Frisbee, soccer/speedball, touch rugby, cooperative games, softball, gator ball, softball; Individual/dual activities: archery, tennis, badminton, pickle ball, bowling, crosscountry skiing (introduction only), jump ropes, pentathlon; Fitness activities: physical fitness, fitness walking, circuit training and weightlifting; Dance: beginning dance.

REQUIRED OF ALL 9TH GRADERS REGARDLESS OF RACE, COLOR, NATIONAL ORIGIN, SEX OR DISABILITY

08002 PHYSICAL EDUCATION 10 (Sport Education) SEMESTER COURSE .5 CREDIT

Sport Education teaching related aspects of sports and physical education beyond skills and drills. The focus is on administrative duties as well as setup and takedown, care of equipment, coaching, and officiating. Team activities: volleyball, basketball, flag football, soccer/speedball, team handball, ultimate Frisbee, softball; Individual/dual activities: archery, tennis, badminton, pickle ball, bowling, tennis, crosscountry skiing (introduction only), jump ropes, track and field; Fitness activities: physical fitness, jump ropes, fitness walking, circuit training, pentathlon, and weightlifting; Dance: rhythms (line dance, polka, fox trot, waltz, schottische, chacha).

REQUIRED OF ALL 10TH GRADERS REGARDLESS OF RACE, COLOR, NATIONAL ORIGIN, SEX OR DISABILITY

08057 CURRENT ISSUES IN EDUCATION

SEMESTER COURSE .5 CREDIT

Topics will include issues related to careers such as selecting a career, resume building, writing letters of application and setting up and preparing for interview. Character development issues range from peer counseling to building trust and developing responsibility. Other topics include WKCE prep, first aid and CPR, technology use, and bullying prevention.

REQUIRED OF ALL 10TH GRADERS REGARDLESS OF RACE, COLOR, NATIONAL ORIGIN, SEX OR DISABILITY

08004 PHYSICAL EDUCATION 11 (Life Time Activities)

SEMESTER COURSE .5 CREDIT

Course offerings: Archery, tennis, badminton, golf, ultimate and touch, orienteering, rhythms, cycling, jump ropes, crosscountry skiing, angling,

canoeing, softball, pentathlon, circuit training and weightlifting, and physical fitness, other lifetime sports include volleyball, softball, and basketball.

REQUIRED OF 11TH GRADERS REGARDLESS OF RACE, COLOR, NATIONAL ORIGIN, SEX OR DISABILITY

08005 PHYSICAL EDUCATION 12Wellness & Fitness

SEMESTER COURSE .5 CREDIT

.5 LAUDE PT.

This is a senior level elective course, which is designed to cover **general** areas related to a lifetime of wellness and fitness including strength and conditioning. The course will cover areas such as nutrition and dieting, body composition and weight control, stress management, goal setting, substance abuse, CPR training, aerobic fitness, and weight training. This course also emphasizes power, agility, speed, and strength development. Be prepared to sweat! (Specific activities in Fall and Spring semesters may vary.) Guest speakers will be invited to share their information on areas related to wellness such as chiropractic, physical therapy, and occupational therapy to include any relative career information.

ELECTIVE FOR 12TH GRADERS (Must have passed PE 9, PE 10, & PE 11)

08005 PHYSICAL EDUCATION 12Strength & Conditioning

SEMESTER COURSE .5 CREDIT

This is a senior level elective course, which is designed to focus on wellness, fitness, and strength and conditioning. The course will focus on areas such as aerobic capacity, muscular strength and endurance, power output, plyometrics, speed development, coordination and core strength. Other topics include nutrition for the athletic performance and care and prevention of athletic injuries. Guest speakers will be invited to share their information on areas relative athletic performance, physical fitness and career development information.

ELECTIVE FOR 12TH GRADERS (Must have passed PE9, PE10, and PE11)

ADVENTURE EDUCATION AND OUTDOOR PURSUITS

SEMESTER COURSE .5 CREDIT

This course designed to engage students in challenging, unfamiliar, nontraditional, uncomfortable and noncompetitive events or situations. The course will cover everything from safety to teambuilding, leadership and character development to low ropes,

high ropes, and rock climbing, to knot tying and belay systems, and, of course, safety. The course will also include methods of outdoor travel such as hiking, cycling, backpacking and, of course, climbing and rappelling.
ELECTIVE FOR 12TH GRADERS Juniors with permission from instructor/guidance. (Must have passed PE9, and PE10)

AGRICULTURE

18001 INTRODUCTION TO AGRICULTURE INDUSTRY

SEMESTER COURSE .5 CREDIT

This entrylevel course is designed to acquaint students with the many aspects and opportunities in these exciting fields as well as provide instruction/laboratory experiences in the various units of agriculture production/industry techniques. This course builds the foundation for future training and is designed to be a full year course but gives the student the option of entering or leaving at semester time.

18305 FOOD SCIENCE (Grade 10, 11 or 12)

SEMESTER COURSE .5 CREDIT

Food Science is an exciting and growing area of Agriculture. Discover how our food today is processed, graded and preserved. Emphasis will be placed on food safety standards and the scientific principles of chemistry. This class has numerous hands on labs in fruit and vegetable processing, fermentation, meat processing and dairy foods.

* This course counts toward Riverdale High School Graduation Science credit.

18052 HORTICULTURE I (Grade 10, 11 or 12) (Articulated Credit with SWTC)

FALL SEMESTER COURSE .5 CREDIT, .5 LAUDE PT.

One of the most rapid and exciting growth areas in the field of agriculture is the study of horticulture. With the variety of ornamental plants available and the demand of the general public for more and better beautification, it seems logical that the landscape industry should continue to grow even more and provide greater employment opportunities for trained people. Currently we have a small greenhouse facility available for hands on experiences at the high school. This course emphasizes the "learning by doing" motto.

* This course counts toward Riverdale High School Graduation Science credit.

18248 AGRICULTURE CAPSTONE (Grade 12)

SEMESTER COURSE .5 CREDIT, .5 LAUDE PT.

This program is designed to provide instruction and work experience for senior level students interested in a career in Agriculture. Cooperative education is a method of instruction that blends school and work place learning, most often tied to a career in technical education. Students will have the option to work at an approved worksite or participate in job shadowing. Instruction will include employability skills, time management, personal finance, occupational awareness, problem solving and relevant instruction in their chosen career in agriculture. Career areas may include Plant Science, Animal Science, Mechanics, Natural Resources, Ag Business, Food Service, and Ag Technology.

PREREQUISITE: SENIOR STATUS AND 2 PREVIOUS AG CLASSES

18501 NATURAL RESOURCE MANAGEMENT

SEMESTER COURSE .5 CREDIT

This course is designed to inter relate forestry with all areas of natural resources and the many opportunities each has to offer. Areas of instruction will include career opportunities in ecology, fish and wildlife management, water resources, air pollution, tree identification, measurement of forest products, nursery management, site selection and preparation, harvesting procedures, disease and insect control, marketing, basic forest laws and policies and preparation for the FFA forestry contest. Most of the instruction will be hands on experiences with the FFA school farm being used as a land laboratory.

18054 LANDSCAPING

SPRING SEMESTER COURSE .5 CREDIT

With the growth of the horticulture industry comes the demand for trained people to provide the services of designing/planting and maintenance of landscapes. This course is designed to take students through those areas and provide a background of experience for work or furthering their education.

18053 HORTICULTURE 2 Greenhouse Management

SEMESTER COURSE .5 CREDIT

Greenhouse Management is designed to introduce the student to the fundamental horticulture principles such as careers in the field, production of specific crops, safe use of pesticides and the cultivation of houseplants. This course provides the student with an in depth understanding of plant propagation, vegetable gardening and the responsibilities involved in running a successful greenhouse. Students are able to use the information being taught in the classroom and apply/demonstrate what they have learned in the Riverdale High School greenhouse. This hands on experience and practical application of skills allows for a diverse level of learners. Today's rapid growth and high interest in the horticulture and landscaping industry has generated a need by the students to be more aware of horticultural practices and the industry itself.

PREREQUISITE: COMPLETION OF HORTICULTURE I

18101 ANIMAL SCIENCE

SEMESTER COURSE .5 CREDIT, .5 LAUDE PT.

This class will teach you the care and management of small and large animals. Topics deal with livestock and other animals mankind depends on for food or enjoyment. A better understanding of feeding, reproducing, and marketing is offered.

* This course counts toward Riverdale High School Graduation Science credit.

18105 VETERINARY SCIENCE

SEMESTER COURSE .5 CREDITS, .5 LAUDE PT.

A heavy emphasis will be placed on small animal care, such as dogs, cats, horses, etc. Students will gain a greater understanding of feeding, healthcare and genetics in the small animal healthcare field. Topics include: zoonosis, administering medication, 'the healthy animal', diseases and afflictions and the veterinary field. * This course counts toward Riverdale High School Graduation Science credit.

18401 AG MECHANICS (Grade 10, 11, or 12)

1 YEAR COURSE 1 CREDIT

This class will cover topics related to the technical and mechanical systems used in agriculture work environments. Students will learn by hands on application to develop problem solving skills to pursue a career in the mechanical industry. Instruction will include safety, hand and power tools, materials and fasteners, metal fabrication, engine maintenance and diagnosis, mechanical and electrical systems, and sustainable energy systems.

ART

LEVEL 1

05156 BASIC DRAWING

SEMESTER COURSE .5 CREDIT

This course will provide students with the knowledge of how to draw what they see. Students will use a variety of materials (pencil, colored pencil, ink, charcoal, chalk pastels, oil pastels, and scratchboard) to express their thoughts and ideas. This course provides the basic building blocks for many of the other art courses offered at Riverdale. Units will cover perspective, shading, figure drawing, cartooning, and scratchboard. Students will be able to apply knowledge learned in class to real life experiences of the future.

05157 BASIC PAINTING

SEMESTER COURSE .5 CREDIT

Students will gain knowledge of color theory and painting techniques. At the completion of this course, students will have gained experience in working with a variety of paint media; tempera, acrylic, watercolor, and printing. Students will be able to apply knowledge learned in class to real life experiences of the future.

PREREQUISITE: BASIC DRAWING (WITH A "C" OR BETTER AVERAGE)

05158 SCULPTURE I

SEMESTER COURSE .5 CREDIT

This course will provide students with the knowledge and skill of expressing their ideas as 3 dimensional sculptures. At the completion of this course, students will have gained experiences working with a variety of tools, equipment, and media to construct their work. Units covered may include paper, paper mache, clay, soap stone, metal, wood, and found object. Students will be able to apply knowledge learned in class to real life experiences of the future.

05151 ART CONNECTIONS

SEMESTER COURSE .5 CREDIT

This class has 3 main focal points; it is a look at how art is integrated into all areas of study, an investigation into career choices in creative fields and a historical look at art through the ages and how it has impacted society. The class will be broken into 8 units each lasting about 2 weeks long.

LEVEL 2

05156E ADVANCED DRAWING

SEMESTER COURSE .5 CREDIT

This course will provide students with a chance to master their knowledge and skills of expressing their ideas. Students will use a variety of media (ink, pencil, colored pencils, chalk, oil pastels, scratchboard, and printing) and techniques that will encourage the development of their own creativity.

PREREQUISITE: BASIC DRAWING (WITH A "C" OR BETTER AVERAGE)

05158E SCULPTURE 2

SEMESTER COURSE .5 CREDIT

This course will provide students with the opportunity to master their knowledge and skills of expressing their ideas as 3 dimensional sculptures. Students will gain experience working with tools, equipment, and media to express their ideas. Units may cover mixed media, plaster, clay, metal casting, and wood.

PREREQUISITE: SCULPTURE 1 (WITH A "C" OR BETTER AVERAGE)

05157E ADVANCED PAINTING

SEMESTER COURSE .5 CREDIT

This course will provide students with a chance to master their knowledge and skills to express their ideas with a variety of paint mediums. Students will have the chance to work with acrylics, watercolors, and printing. Students will be expected to be able to express their ideas and opinions in a visual manner.

PREREQUISITES: BASIC DRAWING AND BASIC PAINTING (WITH A "C" OR BETTER AVERAGE IN EACH)

05159 CERAMICS

SEMESTER COURSE .5 CREDIT

This course will provide students with a chance to concentrate their knowledge and skills in the medium of clay. Students will be able to explore a variety of building techniques (coil, slab, subtractive carving, wheel throwing and mold pulled). At the completion of the course students will be able to express their ideas using appropriate building techniques in clay.

PREREQUISITE: SCULPTURE 1 (WITH A "C" OR BETTER AVERAGE)

LEVEL 3

05183 AP STUDIO ART 2D DESIGN

YEAR LONG COURSE 1 CREDIT, (first semester will be an Independent Study course) 1 LAUDE PT PER SEMESTER

AP Art is recommended for students who are interested in developing a mastery of art skills in the 2D Design area. The students will develop an art portfolio of original work demonstrating 3 areas of competence. Students will work with an instructor to complete work, critique their work throughout the process and reflect on the process. The portfolio will be submitted in May to the AP Board and scored on a 5 point scale for college credit. One third will be based on 5 actual pieces of art in the area of quality that demonstrate understanding of design in concept, composition and execution. One third will be 12 digital images in an area of concentration exploring a particular 2D design concern. The final third will be 12 digital images scored on the breadth of a variety of works demonstrating understanding of 2D design issues. Students will have summer assignments that will be given before the end of the previous school year. They will be required to sign a contract of understanding, meet with instructor once during the summer to discuss progress and develop area of concentration. The students will turn in completed summer work the first day of class. 1st semester Independent Study students will begin their portfolio work for the AP course. **SUMMER ASSIGNMENT:** AP Art students must see instructor prior to the end of the year before planning to take the AP course to collect their summer assignments and supplies. Completed work is due the first day of the AP class. Summer work will serve as 50% of the student's grade for the first 3 week grading period. Any student who has not completed the work by the first day will not pass the 3 week grading period.

PREREQUISITES: BASIC DRAWING, ADVANCED DRAWING, BASIC PAINTING, ADVANCED PAINTING & INSTRUCTOR APPROVAL

RECOMMENDED: 1ST SEMESTER INDEPENDENT STUDY IN ART TO BEGIN WORK ON BREADTH SECTION OF PORTFOLIO.

SUPPLY LIST: SKETCHBOOK, 3 RING BINDER, AT LEAST A 4G THUMB DRIVE. SUPPLY FEE: \$20

BUSINESS

12103 PERSONAL FINANCE

SEMESTER COURSE .5 CREDIT

The intent of this personal finance course is to inform students how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as savings and investing. Students will design personal and household budgets, utilize checking and savings accounts, gain knowledge in finance, debt, and credit management and evaluate and understand insurance. This course will provide a foundational understanding for making informed personal financial decisions.

REQUIRED OF ALL 11TH GRADERS REGARDLESS OF RACE, COLOR, NATIONAL ORIGIN, SEX OR DISABILITY

12104 ACCOUNTING ARTICULATED/TRANSCRIPTED COURSE

FULL YEAR 1 CREDIT, .5 LAUDE PT. PER SEMESTER

Accounting I is a oneyear course designed to provide students with a basic understanding of doubleentry accounting. The entire accounting cycle for both a service and a merchandising business will be covered in this course. The proprietorship form of business organization and steps in the accounting cycle through the trial balance is emphasized.

Students taking this course prior to their senior year are encouraged to continue their study in Advanced Accounting. This course also provides the students with a basic background to continue their study of accounting or business administration at the postsecondary level.

PREREQUISITE: GENERAL BUSINESS

12104E ACCOUNTING II

SEMESTER COURSE .5 CREDIT, .5 LAUDE PT.

Students will review the complete accounting cycle learned in Accounting I. They will then be introduced to the unique characteristics of departmentalized business organizations. A variety of specialized topics associated with the work of an accountant will be covered. They include: uncollectible accounts, the handling of plant assets, and the handling of inventory. In addition, students will learn how to use the Peachtree accounting software. Several accounting problems will be completed on the computer using this software.

PREREQUISITE: ACCOUNTING I

12054 BUSINESS LAW

SEMESTER COURSE .5 CREDIT, .5 LAUDE PT.

This course is designed to help the student understand the nature and kinds of today's laws. Emphasis is placed on business and consumer law: torts, crimes, law for the minor, law for the business firm, offer and acceptance, legal agreement, consideration, void and voidable agreements, contractual forms, and breach of contracts. Hypothetical cases and actual court cases are used to help develop the student's ability to analyze and discuss the issues presented. PREREQUISITE: GENERAL BUSINESS

12051 GENERAL BUSINESS

SEMESTER COURSE .5 CREDIT

General Business is an elective course designed to enhance students' understanding of the role businesses play in our presentday economic system. It deals with our free enterprise system from three perspectives paralleling the roles in which students might find themselves: as workers, as consumers, and as citizens living in our economic system. The course will provide a solid basis for those students considering further study in business as well as offering useful and practical aspects of living to students not intending further business classes. It will help all students to become wise consumers, good citizens, efficient employees, and thoughtful voters while contributing to the development of their total economic understanding.

12105 ECONOMICS

SEMESTER COURSE .5 CREDIT, .5 LAUDE PT.

This course provides a general overview of the United States economy including the principles of free enterprise, operation of the free market system, fiscal and monetary policy, and current economic policies. Students will develop an awareness of how members of all societies choose to employ resources and why social and political wants of individuals and societies affect the total economic picture for each society. The course also includes studies in comparative economics and an understanding of the impact of international trade on individual countries and/or economic systems. PREREQUISITE: GENERAL BUSINESS

12005 INFORMATION PROCESSING I SEMESTER COURSE .5 CREDIT

This course will further develop keyboarding skills. Learning should be continued in the areas of proofreading, composition, and skill building in speed and accuracy. This course will provide additional training in information processing concepts, formatting and application. Emphasis is placed on malleable copy for the following business forms: block and modified block style letters, reports and tabulation, and email.

12006 INFORMATION PROCESSING II SEMESTER COURSE .5 CREDIT

Explore one of the most powerful software programs on the market today, Microsoft Office. Learn and improve skills in using Microsoft Word (word processing), Access (database), Excel (spreadsheet), PowerPoint (creating presentations), using the Internet, and creating a home page. You will do projects, which incorporate a combination of the above functions to create detailed and powerful projects. PREREQUISITE: INFO PROCESSING I OR INSTRUCTOR CONSENT

10004 COMPUTER APPLICATIONS (1012 Grade)

SEMESTER COURSE .5 CREDIT

Students enrolling in this course will learn how to use a wide array of computer software and hardware. The course will cover the core elements of word processing (Word), and telecommunication areas through the use of email and the Internet. Computer assisted drawing and painting (Photoshop) and desktop publishing (InDesign) will also be studied. Digital cameras and scanners will be incorporated into the use of the previously mentioned topics.

FOREIGN LANGUAGE

It is highly recommended that students who wish to attend a 4-year college take 2 years of Foreign Language prior to admission to college. Right now, UW-Madison and UW-Eau Claire REQUIRE student complete 2 years of Foreign Language in High School in order to be admitted. Other colleges STRONGLY RECOMMEND it, and may require you to complete foreign language courses at the college level. Most colleges with a Foreign Language requirement expect four high school semesters with a "C" or better grade. Check with the School Counselor if you have questions.

06101 SPANISH I

FULL YEAR 1 CREDIT

The course develops the basic language skills – listening, speaking, reading and writing – within a language context to meet the needs/interests of the students. Topics studied include numbers, days of the week, months of the year, weather, classroom instructions, after school activities, snack foods and beverages, personality and physical descriptions, classes, telling time, foods and beverages, question words, shopping, clothing, and the culture of Spanish speaking countries.

06102 SPANISH II

FULL YEAR 1 CREDIT

This course provides continued development of audiolingual proficiency with emphasis on reading, comprehension, conversational, and writing skills.

Topics studied include house descriptions, furniture, planning a party, chores, gifts, sports, health, parts of the body, outdoor activities, technology, daily routines, vacation activities, buying souvenirs, and the culture of Spanish speaking countries.

PREREQUISITE: SPANISH I/CONSENT OF

INSTRUCTOR

PREREQUISITE: SPANISH I (with a "C" or better grade.)

06103 SPANISH III

FULL YEAR 1 CREDIT

.5 LAUDE PT. PER SEMESTER

This course provides continued development of audiolingual skills towards an intermediate proficiency with emphasis on reading, comprehension, conversational, and writing skills. Topics covered include travelling, places around town, vacation activities, shopping, sporting events, ways to stay healthy, daily routines, parts of the body, personal care items, childhood activities, and the culture of Spanish speaking countries. Second semester will be spent reading, with understanding, a Spanish novel.

PREREQUISITE: SPANISH II/CONSENT OF INSTRUCTOR

06104 SPANISH 4

FULL YEAR 1 CREDIT

.5 LAUDE PT. PER SEMESTER

This course provides continued development of audiolingual skills towards an intermediate to advanced proficiency with emphasis on reading, comprehension, conversational, and writing skills. Topics covered include characters in a story, events, parts of a legend, ancient and modern civilizations, food, food preparations, ingredients and having meals, restaurant vocabulary, and the culture of Spanish speaking countries. Second semester will be spent reading, with understanding, a Spanish novel.

PREREQUISITE: SPANISH III/CONSENT OF INSTRUCTOR

MUSIC

05110 CHOIR (FULL YEAR COMMITMENT)

FULL YEAR 1 CREDIT

.5 LAUDE PT. PER SEMESTER (see note below)

This is open to all interested persons in Grades 912 **who have some singing experience**. A short audition may be required to determine basic **pitch matching and singing** skills. There are several required performances each year plus opportunities for solo and small group performance, including performing the **national anthem** at sporting events. Our Vocal Jazz group is selected from the choir, and perform 23 times per year.

To earn Laude points, the student will be required to put forth additional efforts to be determined on a semester basis. These would include, but are not limited to, performing in a select honors choir, perform at the district soloensemble festival, hand bell choir, compose or arrange an original piece of vocal music, and or spend considerable amounts of time outside of school rehearsing and or performing vocal music. See instructor regarding additional information.

05109 HAND DRUMMING

SEMESTER COURSE .5 CREDIT

This course explores the music of different cultures from around the world by teaching and performing hand drum music. A variety of instruments will be used and there will also be opportunities for improvisation, composition and instrument construction. The class is open to anyone willing to perform music. No previous training or music reading is necessary. Class size is limited to 16.

05101 BAND (FULL YEAR COMMITMENT)

FULL YEAR 1 CREDIT

.5 LAUDE PT. PER SEMESTER (see note below)

Band is open to all interested persons in Grades 912 with previous band experience. Senior band performs as a concert band, marching band, and pep band. There are Pops, Christmas, and Spring Concerts. All members are provided one period lesson per week. Due to increased credit, band students will be required to support pep band very actively and perform in all home football marching shows.

To earn Laude points, the student will be required to put forth additional efforts to be determined on a semester basis. These would include, but are not limited to, preparation of an additional performance at the district solo/ensemble festival (a solo or

ensemble), audition for the Wisconsin State Honors band, extra lessons preparing and practicing specific literature, hand bell choir, forming an ensemble outside of the band and performing at local venues, i.e. nursing home, church, meal site, or composition of an original musical work. Ideas from students are also welcome and negotiable with the instructor.

05116 POPULAR MUSIC IN AMERICA

SEMESTER COURSE

.5 CREDIT, .5 LAUDE PT. PER SEMESTER

This course will follow the evolution of communication through the dissemination of popular music in American society. The class begins with folk songs performed in the streets and played at home and travels through vaudeville, radio, HiFi, CD and ultimately MP3 recordings while tracing how popular music, while changing its sound, still maintains a voice that conveys societal and political messages at its heart.

AP MUSIC THEORY

FULL YEAR 1 CREDIT

1 LAUDE PT. PER SEMESTER

Music Theory is a year-long, Advanced Placement class which studies the fundamentals of music through harmonic analysis, form, sight-singing, ear training, rhythmic and melodic dictation, and composition. Prerequisites for this class are serious study in band or choir in high school or by consent of instructor.

TECHNOLOGY EDUCATION

13003 INTRODUCTION TO TECHNOLOGY SYSTEMS

SEMESTER COURSE .5 CREDIT

This course is the *prerequisite for all other Tech Ed classes* offered at Riverdale High School. During this course, students will complete hands on projects that focus on other technology education classes available to students once Intro to Tech is successfully completed. The topics of the Intro to Tech class include safety, woodworking, welding, industrial enterprise practicum, and a Rube Goldberg competition. Students who take this class will be required to either purchase their lumber on their own or from the school for the wood working unit. Students must also wear safety glasses in all shop settings.

13207 WELDING FABRICATION (Grades 1012) (Articulated Credit with SWTC)

SEMESTER COURSE .5 CREDIT, .5 LAUDE PT.

This course is designed to allow students to gain knowledge of the welding and metals industry. Areas that will be covered include oxyacetylene welding, oxyacetylene cutting, arc welding, mig welding, brazing, and TIG welding. Once a basic understanding of these procedures is achieved, students, complete basic lab, "T", and butt joints in addition to three required projects.

PREREQUISITE: INTRO TO TECHNOLOGY

13208 ADVANCED WELDING (Grades 1012)

SEMESTER COURSE .5 CREDIT, .5 LAUDE PT.

The Advanced Welding course will be a continuation of the Welding and Fabrication class. Students who enroll in Advanced Welding will have the opportunity to continue to perfect their welding skills using both MIG and SMAW machines. In addition to these two skills, students will also experience more advanced welding techniques using the TIG welder. Students will work to complete overhead and vertical welds in addition to bringing projects from home to work on in class.

PREREQUISITE: Must have passed Intro to Tech with a "C" or better, Must have passed Welding and Fabrication with a "C" or better.

17002 BUILDING CONSTRUCTION (Grades 1012)

SEMESTER COURSE .5 CREDIT

This course will introduce students to basic construction skills. Students will complete one project that benefits/improves a building or room at Riverdale. Students will layout and frame a modular wall section using the building code as a guide. Students will learn how to frame doors and windows into walls, hang drywall, mud and tape joints, wire household circuits, install "J:" channel and also hang vinyl siding. Students enrolled in building construction will also lay brick and block and work with temporary mortar.

PREREQUISITE: INTRO TO TECHNOLOGY

17006 WOOD/MANUFACTURING (Grades 1012)

SEMESTER COURSE .5 CREDIT

This semester class is offered to students who have successfully completed and passed Intro to Technology. Students who enroll in Woods must either supply their own lumber or purchase it from the school. Each student will build an instructor required project and then be allowed to build a woodworking project of their choice. Safety will be reviewed at the start of this class, and students will be required to wear safety glasses while working in the shop.

PREREQUISITE: INTRO TO TECHNOLOGY

17006E ADVANCED WOODWORKING (Grades 1012)

SEMESTER COURSE .5 CREDIT

.5 LAUDE PT.

The Advanced Woodworking class is for the serious woodworking student who wants to gain knowledge in cabinet making, furniture construction and other advanced woodworking projects. Students enrolling in this one semester class will advance their woodworking skills by completing projects that entail more thought and detail; while still demonstrating proper safety measures. Students will use problem solving activities and will need a creative aptitude to design and build selfselected advanced woodworking projects. The student will be exposed to advanced machine operation, special joint construction and finishing techniques. The successful completion of this course will give the student basic career entrylevel skills in woodworking and cabinet making. All project lumber for this course must be purchased by the student from either Riverdale High School or another source.

PREREQUISITE: INTRO TO TECHNOLOGY AND WOOD/MANUFACTURING

17102 INTRO TO COMPUTER AIDED DESIGN (CAD)

(Grades 1012) SEMESTER COURSE .5 CREDIT

AutoCAD, one of the world's leading 2D and 3D CAD programs, provides powerful and flexible tools which allow you to maximize your productivity while designing and shaping the world around you. This course is for users new to AutoCAD – a comprehensive overview of the interface and an introduction to basic tools and concepts needed to create, annotate and output a basic 2D drawing. The course will cover understanding the AutoCAD workspace, learning to use the basic drawing, editing and viewing tools and organizing drawing objects on layers while completing basic and complex drawings.

PREREQUISITE: INTRO TO TECH, COMPUTER APPLICATION

OTHER OFFERINGS

08152 DRIVERS EDUCATION

OFFERED IN SUMMER TIME ONLY—No Credit Awarded

Riverdale Senior High School offers a two phase driver education program. The classroom phase consists of a minimum of thirty hours of instruction. Emphasis is placed on the development of desirable behavior patterns to be executed while driving an automobile. The behindthewheel phase is an elective offered to qualified students. Students must complete a minimum of six hours driving and six hours observation. The overall goal of the program is to provide a sound foundation for students to become better, safer, more courteous drivers in today's traffic society. **Any student receiving an F in a preceding year cannot take Driver's Ed at Riverdale.**

22995 SCHOOL SERVICE

SEMESTER COURSE .5 CREDIT

Seniors may volunteer at the Riverdale Elementary/Middle School or the High School 1 hour per school day and earn ½ credit per semester. (One credit maximum per student) A daily log of activities is kept by the student, due at the end of each grading period to earn a Pass/Fail grade. Students are expected to pass all of their classes at all times to continue to participate in the program. Students will be allowed to choose a placement, but must ask permission from the teacher to work for the teacher. Students will not be allowed to participate in school service if they are removed for disciplinary reasons or if they receive a failing grade 1st semester.

22998 WORK EXPERIENCE

SEMESTER COURSE.5 CREDIT

Open to seniors in good standing who wish to explore employment outside of the school environment. Students are required to find a work site and discuss with the school districts schoolto work coordinator before registering for the course. All forms required of this class are due prior to the student being allowed to leave for work the first day. The employer will evaluate the student based on employability skills the student has learned on the job.

Students will not be allowed to continue to participate in work experience if they are excessive discipline or attendance issues at school.

YOUTH OPTIONS

The Youth Options program allows all public high school juniors and seniors who meet certain requirements to take postsecondary courses at a UW institution, a Wisconsin technical college or one of the state's participating private, nonprofit institutions of higher education. Under current state statutes, the student does not have to pay for a postsecondary course if the school board determines the course may receive high school credit and the course is not comparable to a course offered in the school district. Latest state statutes limit the number of classes a Board of Education is required to offer and allows districts to charge students for courses dropped and/or failed. Juniors and Seniors who qualify must notify the school board (complete form PI8700A) of the student's intention of enrolling in a college no later than **March 1 for a course to be taken in the fall semester; October 1 for a course to be taken in the spring semester.** According to school board policy, students must be in good academic standing (minimum 2.5 grade point average) and limited discipline referrals to be considered for the program. **SEE MRS. TROXEL IN THE SCHOOL COUNSELOR'S OFFICE FOR INFORMATION AND PAPERWORK—FORMAL AND STRICT DEADLINES ARE ENFORCED FOR YOUTH OPTIONS.**