



High School Career Planning & Course Guide



2016-2017



RACINE UNIFIED SCHOOL DISTRICT

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HOW TO USE THE HIGH SCHOOL COURSE DESCRIPTION GUIDE

Please take time to become familiar with this Course Description Guide. It is intended to help you plan for your high school experiences.

Beginning in 2016-17, students must graduate having completed 3 credits of mathematics and 3 credits of science. Beginning in 2017-18, students must also graduate having completed 1 credit of CTE (Career or Technical Education: Technology Education, Business Education, Family and Consumer Education, or Health Education).

It is important to point out that graduation requirements are minimum requirements for graduation. Many of our students will graduate with more credits than are required and will far exceed the "requirements" in each area. Students are encouraged to reach beyond these minimum expectations. To further assist students in course selections, the "Sample College Course Sequence," "Sample Technical College and Occupational Sequence," and Advanced Placement" or "International Baccalaureate" sections outline courses for consideration. The "Four Year Planning Guide," also provides information regarding graduation requirements.

Also, take full advantage of your high school experience by participating in clubs, activities, and other extra-curricular and co-curricular activities.

Courses with insufficient enrollment will not be held.

This Course Description Guide should be of great value to you. Feel free to contact school personnel to clear up any questions you might have (see front cover page for contact information).

Best wishes.



Christopher Thompson, Ed.D.
Executive Director, Curriculum and Instruction

As RUSD transforms high schools into Career Academies, information may be updated. Students and parents will be provided updated information as it becomes available through the Guidance Department.

Beginning with the class of 2020, all freshman will be required to take a Freshman Seminar.

Course Title	Course No.	Course Prerequisite /Description
Freshman Seminar 1 Credit 9 th Grade Only	GUI-20000	Freshman Seminar: This is a foundational course for the Academies of Racine experience. Students enrolled in this course will undergo exploration of what makes them unique and how they can channel themselves into future successes. You will be given strategies for effective time management, study skills, goal setting, organizational techniques, communication skills and technological skills that will aid you as you explore self-discovery. Activities to uncover personal values, skills, attributes and goals that will help you to select a career academy that you will enroll in for your sophomore year will be embedded. Further, you will conduct career and college research to facilitate your career plan. To that end, you will have an opportunity to fill out applications, learn how to create dynamic resumes, participate in interviews and attend a career exploration experience or two. This is a required course for all freshman.

Racine Unified . . . It's My Choice!

<p>WEIGHTED CREDIT - The approved weighted credit system states that an additional differential weight of 1 point be added to grades for classes listed below offered at the senior high schools when determining grade point averages and class rank.</p> <p><u>Added weight of 1 to listed courses</u></p> <table><tr><th>Full-time</th><th>1/2 Time</th><th>1/4 Time</th></tr><tr><td>A - 5</td><td>A - 2.5</td><td>A - 1.25</td></tr><tr><td>B - 4</td><td>B - 2</td><td>B - 1</td></tr><tr><td>C - 3</td><td>C - 1.5</td><td>C - .75</td></tr><tr><td>D - 2</td><td>D - 1</td><td>D - .5</td></tr></table> <p style="text-align: center;"><u>SUBJECTS/CLASSES</u></p> <p><u>ART</u> / (ART-) 02129 AP 2D Studio Art 02130 AP 3D Studio Art 08750 IB 2D Studio Art 08751 IB 3D Studio Art</p> <p><u>ENGLISH</u> / (ELA-) 02242 Advanced English Survey II 02243 Advanced English Survey III 02244 AP Language and Composition 02247 AP Literature & Composition 08704 IB American Literature 02224 IB Extended Essay and Creativity, Action, Service 08705 IB Junior World Literature 08728 IB Senior World Literature 02248 English Usage/Writing 02245 Modern Writers 02246 Shakespeare</p> <p><u>SCIENCE</u> / (SCI-) 02630 AP Biology 02632 AP Chemistry 02642 AP Physics B 08702 IB Biology I 08722 IB Biology II 08707 Intro to IB Chemistry 08708 IB Chemistry 08709 IB Physics 02631 Chemistry 02641 Physics PLTW-Principles of Biomedical Sciences PLTW-Human Body Systems</p> <p><u>WORLD LANGUAGE</u> / (WLS-) 02317 AP French Language 02327 AP German Language 02387 AP Spanish Language 02313 Third-Year French 02323 Third-Year German 02343 Third-Year Latin 02383 Third-Year Spanish 02314 Fourth-Year French 02324 Fourth-Year German 02344 Fourth-Year Latin 02384 Fourth-Year Spanish 08732 IB Fifth-Year German 08736 IB Fifth-Year French 08741 IB Fifth-Year Spanish</p>	Full-time	1/2 Time	1/4 Time	A - 5	A - 2.5	A - 1.25	B - 4	B - 2	B - 1	C - 3	C - 1.5	C - .75	D - 2	D - 1	D - .5	<p><u>FAMILY AND CONSUMER SCI / (FCE-)</u> 03663 Language of Medicine</p> <p><u>MATHEMATICS</u> / (MTH-) 02453 AP Statistics 02461 AP Calculus AB 02441 CP Algebra 2/Trigonometry 02443 CP Pre-Calculus 08721 IB Statistics 08701 IB Math SL1/IB Math SL2 08706 IB Math Studies 08720 IB Calculus</p> <p><u>MUSIC</u> / (MUS-) 02536 Band 3 02520 Concert Choir 02539 Jazz Ensemble 2 02532 Orchestra 02541 Theory 2 02542 Theory 3 02543 Theory 4 02518 Vocal Ensemble</p> <p><u>SOCIAL STUDIES</u> / (SOC-) 02745 AP Microeconomics 02749 AP Psychology 02734 AP US Government & Politics 02716 AP World History 02752 AP Human Geography 02733 College Prep-American Government 02743 College Prep-Economic Theory 02723 College Prep-Sociology Theory 08703 IB Contemporary History 1 08723 IB Contemporary History 2 08729 IB Theory of Knowledge 08729 IB Theory of Knowledge – 1st semester 08729 IB Theory of Knowledge- 2nd semester 02717 College Prep – World History 08730 IB Psychology</p> <p><u>TECHNOLOGY EDUCATION/ (TEC-)</u> 03748 Design for Industry 03778 PLTW-Computer Integrated Mfg. 03751 PLTW-Digital Electronic Systems 3 03749 PLTW-Intro to Engineering Design 03747 PLTW-Principles of Engineering</p> <p>MARKING SYSTEM KEY - Shown below is the Marking System Key, which will appear on the student transcript. Please note that the designated courses to receive the additional weight for class rank purposes are to be marked with an asterisk on the transcript.</p> <table><tr><td>A = 4</td><td>B = 3</td><td>C = 2</td></tr><tr><td>D = 1</td><td>F = 0</td><td></td></tr></table> <p>Weighted Academic Course Grades marked with asterisk* the transcript.</p> <table><tr><td>A = 5</td><td>B = 4</td><td>C = 3</td></tr><tr><td>D = 2</td><td>F = 0</td><td></td></tr></table> <p>P = Pass (not included in class rank)</p>	A = 4	B = 3	C = 2	D = 1	F = 0		A = 5	B = 4	C = 3	D = 2	F = 0		<p style="text-align: center;">Racine Unified School District Graduation Requirements - 22 Credits</p> <p>English - 4 Credits in Grades 9-12; minimum ½ credit senior year; Speech (2261) may count</p> <p>Mathematics - 3 Credits in Grades 9-12 (Taken in the freshman, sophomore and junior years)</p> <p>Science - 3 Credits in Grades 9-12 (Taken in the freshman, sophomore and junior years)</p> <p>Social Studies - 3½ Credits in Grades 9-12; ½ Credit in Senior Year</p> <p>Health - ½ Credit in Grade 9</p> <p>Physical Education - 1½ Credit in Grades 9-12; Health excluded</p> <p>Fine Arts - 1 Credit in Grades 9-12; includes Art, Music, Speech and Drama courses</p> <p>CTE Credit - 1 Credit (<i>Business Education, Marketing Education, Family & Consumer Science, Health Science Occupations or Technology and Engineering Education.</i>)</p> <p>Electives: 4 ½ credits</p> <p>Minimum requirements for University of Wisconsin System students entering the UW System as new freshmen will need an additional credit of both math and science, raising the requirements to three credits of math and three credits of natural science. This policy will raise the total number of required college prep credits from sixteen to seventeen. Thirteen of the seventeen credits will be distributed as follows:</p> <table><tr><td>English</td><td>4 Credits</td></tr><tr><td>Mathematics*/**</td><td>3 Credits</td></tr><tr><td>Natural Sciences**</td><td>3 Credits</td></tr><tr><td>Social Science</td><td>3 Credits</td></tr></table> <p>The remaining four credits will be from the above areas and/or the following:</p> <p style="text-align: center;">World Language**, Computer Science, Fine Arts, and Other Academic Areas</p> <p style="text-align: center;"><u>SPECIAL NOTES:</u></p> <p>*It is highly recommended that students take Algebra, Geometry and Algebra 2/Trigonometry and check with their school counselor for a 4-yr. math course.</p> <p>* Beginning with the class of 2020, all freshman will be required to take Freshman Seminar. See page 4 for course the description.</p> <p>**See your school counselor for specific University of Wisconsin requirements.</p> <p><i>[Credit requirements are subject to change. Schools will be informed in advance of any changes.]</i></p>	English	4 Credits	Mathematics*/**	3 Credits	Natural Sciences**	3 Credits	Social Science	3 Credits
Full-time	1/2 Time	1/4 Time																																			
A - 5	A - 2.5	A - 1.25																																			
B - 4	B - 2	B - 1																																			
C - 3	C - 1.5	C - .75																																			
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Social Science	3 Credits																																				

JEROME I. CASE • WILLIAM HORLICK • WASHINGTON PARK • REAL • WALDEN

I. PATTERN OF ATTENDANCE

All high school students are required to be programmed for a full instructional day which includes a lunch period. Off-campus involvement in Virtual Learning Courses, Youth Options, Course Options, or School-to-Work courses will also count as a class period.

II. GENERAL REQUIREMENTS FOR HIGH SCHOOL GRADUATION

- Science (3 credits 9-12)
- English (4 credits 9-12, min. 1/2 credit in senior year, English Literacy or Speech may count.)
- Mathematics (3 credits 9-12)
- Physical Education (1-1/2 credits 9-12, Health excluded) (*Students must be enrolled in 1/2 credit per year for 3 of 4 years unless they are opting out of credit as per administrative regulation options.*)
- Health (1/2 credit grade 9)
- Fine Arts (1 credit 9-12) (*includes art, music, speech and drama courses*)
- Social Studies (3-1/2 credits 9-12, minimum 1/2 credit in senior year)
- CTE credit

Credit requirements are subject to change. Schools will be informed in advance of any changes.

III. TOTAL CREDITS - A student who is in good academic standing must successfully complete the following minimum credits of work at each grade level: 9th grade, 4 credits; 10th grade, 9 credits; 11th grade, 15 credits; a minimum of 22 total credits must be attained for graduation.

IV. THE HIGH SCHOOL COURSE DESCRIPTION GUIDE gives detailed requirements for prerequisites in every subject area. A student may not be denied the opportunity to enroll in a course on the basis of a mark in a prerequisite course unless that mark is a failure.

V. REQUIREMENTS FOR STUDENTS ELIGIBLE FOR EARLY GRADUATION

Students in the accelerated program, who complete successfully in Grade 9 any two of the following subjects, Advanced English Survey I (2222), Biology (2622), or Geometry (2431), have the opportunity to graduate at the end of the 11th grade if the student and parents so choose and if a student meets the requirements below. (Note: Students graduating at any time after Grade 11 must meet the 22-credit requirement.)

1. Successful completion (no failures in any enrolled subjects) of 18 credits in Grades 9, 10, and 11.
2. Meeting all the senior high school requirements in mathematics, science, arts, English, physical education, social studies, and health. (Exception: Students advanced in English are required to complete 3 credits. See II above.)

VI. GRANTING CREDIT FOR OFF-CAMPUS EDUCATIONAL EXPERIENCES

Credit will be granted for off-campus educational experiences. Prior approval for such credit must be obtained from the student's counselor after consultation with the student and parent. Off-campus credit is granted by the school and is evaluated on an individual basis.

Any expense involved in off-campus educational experiences (except for Youth Options, Course Options and Virtual High School) must be paid by the student. (See Guidance course section.)

VII. SCHOOL-TO-CAREER OPTIONS

While still in high school, students are encouraged to select a career pathway, or Program of Study, from within the state-adopted 16 Career Clusters that will prepare them for career or college readiness. Based on current labor market projections, many technical college programs will be in demand. Associated Degree (2 year), Diploma and Certificate Programs are technical college level programs offered at Gateway Technical College. Many courses taken at the local technical colleges may be transferred to four-year college and university programs. High school counselors have specific program information.

Students should review possible Youth Apprenticeship opportunities and Co-op program options when preparing career pathways. Please contact a high school counselor to review specific four-year plans and/or career pathways that detail the suggested high school and technical college course work that should be completed as directly related to post-high school programs. Programs in the Technology and Engineering Education, Family and Consumer Science, and Business, Marketing and Information Technology Departments are described within this book.

Career and/or College Ready

Information You Need to Know When Planning Your High School Education Programs of Study/Career Pathways and Career Clusters. *(Career Academies and Pathways under development for 2016-2017)*

The High School Course Description Guide incorporates the Career Clusters into the course selections. These tools, Programs of Study and Career Pathways, are ways for students to group their required courses and electives into a coherent sequence in preparation for college and careers. Utilizing the 16 Career Clusters, students can identify pathways from high school to two- and four-year colleges, graduate school, and/or directly to the workplace. By connecting education to future goals, students are motivated to work harder and enroll in more rigorous courses. Throughout this publication you will see icons relating to each of the 16 Career Clusters that have been identified. The logos appear on each cluster page, as well as on department pages of the course guide so you can tell at a glance where the coursework falls. Almost all career possibilities can be found within the clusters. Students at Racine Unified High Schools are fortunate to have the opportunity to take coursework relevant to all 16 Career Clusters. Communicating career and educational goals to your guidance counselor, working with the Career Cruising website, exploring the 16 Career Clusters at www.careerclusters.org and WiCareer Pathways at www.wicareerpathways.org/ can aid students in choosing relevant and applied coursework designed to meet their individual educational and career goals.

Career Pathways...Discover the Path to Your Future

Why Career Pathways?

Career Pathways provide a framework for seamless education. They are the core of workforce and economic development in our state.

- Promote the connection between education and workforce/economic development
- Provide a seamless transition from high school to college
- Focus on high skill, high demand, and high wage careers
- Increase emphasis on attainment of a technical skill proficiency, degree/credential

Wisconsin Career Pathways

Wisconsin Career Pathways are modeled after 16 national career clusters developed by the States' Career Clusters Initiative (SCCI). We also developed a 17th option called Liberal Arts and Sciences. The addition of that option provides a complete picture of the diverse types of education provided by Wisconsin's higher education sectors.

Programs of Study in Wisconsin

Go to: <http://www.wicareerpathways.org/>

When you select this tab you will be able to find Career Pathways created for your school district and individual schools. The Pathways will show the suggested courses you should enroll in to complete this Pathway. You will also be able to select Post-Secondary Schools who provide a degree or diploma in the selected Career Pathway.

1. Select Career Cluster you are interested in.
2. Select Career Pathway you are interest in.
3. Select your school district
4. Select your school

Students & Parents

When you select this tab you will view a short video of the 16 Career Clusters and the Career Pathways in each cluster. When you select the "Getting Started" tab you will be able to create a Career Planning Account called "MiLOCKER". Once you have created an account you will be able to take a career interest survey that will match your interests to Career Pathways.

In your MiLOCKER you will be able to

- Choose and save to MiPathways
- Add to MiPlans of Study
- Create and save to MiResources- choose and upload a file from your computer to your locker. You may upload Word documents, PowerPoint files or Excel spreadsheets.
- MiLinks- Link to “KnowHowToGo” and you will be able to save other links important to you.
- MiCareers- Choose and save career interests.
- MiColleges- Choose and save colleges of interest.

The Student & Parent tab also has a “Frequently Asked Questions” tab. Please take some time to go through this section.

Career Cruising

To help parents and students on this journey Racine Unified School District has also provided all students with access to Career Cruising.

Career Cruising is an interactive career guidance and pathways planning tool designed for people of all ages. The tool can help students to explore different career options, manage course selections online--and plan various pathways to meet the requirements for their desired career path.

- **The Student Section:**
- Provides students the opportunity to do on-line assessments, search occupations, explore education opportunities, budget and prepare for getting a job.
- Provides students the opportunity to search the CAREER CRUISING database of over 100,000 Wisconsin employers by location and occupation.
- Includes job-hunting websites and links to Wisconsin JobNet, America’s Job Bank, etc.
- Includes Wisconsin labor market data, including wage and employment statistics.
- Provides Youth and Adult Apprenticeship information.
- Includes financial aid information.
- Includes placement data and earnings potential information from Wisconsin Technical College Programs.
- Provides easy access to UW and WTCS online applications.
- Provides ability to create an on-line portfolio and save information in a locker.
- Provides ability to access from any computer with Internet access.

Career Cruising is available for use by any student in the Racine Unified School District and can be accessed at school or at home.

To access CAREER CRUISING: go to the <http://instech.rusd.org/content/classroom/> web page.

16 Career Clusters

(Career Academies and Pathways are under development as part of RUSD High School Transformation)

Agriculture, Food & Natural Resources	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.
Architecture & Construction	Careers in designing, planning, managing, building and maintaining the built environment.
Arts, A/V Technology & Communications	Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.
Business Management & Administration	Careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.
Education & Training	Planning, managing and providing education and training services, and related learning support services.
Finance	Planning, services for financial and investment planning, banking, insurance, and business financial management.
Government & Public Administration	Planning and performing government functions at the local, state and federal levels, including governance, national security, foreign service, planning, revenue and taxation, and regulations.
Health Science	Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.
Hospitality & Tourism	Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other food services, lodging, attractions, recreation events and travel related services.
Human Services	Preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care, and consumer services.
Information Technology	Building linkages in IT occupations for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia and systems integration services.
Law, Public Safety, Corrections & Security	Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.
Manufacturing	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.
Marketing	Planning, managing, and performing marketing activities to reach organizational objectives.
Science, Technology, Engineering & Mathematics	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.
Transportation, Distribution & Logistics	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.

THE PASS / NO GRADE OPTION

Beginning in the freshman year, a student and parent may contract for up to two courses per school year for a total of one credit per year to be graded on a pass/no grade basis. A maximum of five credits (1 credit each in Grades 9-11 and 2 in Grade 12) will be allowed. Under this option, a student may enroll in any course, which is not required. For a course to be considered not required, ONE of the following statements MUST be answered 'TRUE.'

- 1) This course is not in a subject area required for graduation.
- 2) The graduation requirement for this subject area has previously been met.

We, the student and parent, make application and contract for the course listed below to be graded on a pass/no grade basis. We understand the following:

- 1) That to receive a grade of 'P' (passing grade) the student must fulfill the requirements for a grade of 'A.'
- 2) The student's permanent record will reflect a grade of 'P.'
- 3) He/she will receive credit for this elective course.
- 4) This 'P' grade will not count for or against the student's grade point average.

We understand and agree that, should the student earn a grade other than 'A,' the student will receive the grade earned (B, C, D, or F) with the appropriate grade computed into their grade point average.

This application must be completed and accepted by all parties involved between the first and fourth week of school for an all year course, and the first and fourth week of the semester for a semester course(s). This form will be processed by the programming office and kept for reference in the student's cumulative file.

Student Name	Student #	Sub-School	Grade
Student Signature	Date	Parent/Guardian Signature	Date
Administrative/Bldg. Scheduler Signature	Date	Counselor Signature	Date
ALL YEAR: Course Name		Course Number	Section #
Teacher Signature			
SEM. 1 ONLY: Course Name		Course Number	Section #
Teacher Signature			
SEM. 2 ONLY: Course Name		Course Number	Section #
Teacher Signature			

SAMPLE COLLEGE COURSE SEQUENCE

Students successfully completing the College Preparatory Plan as outlined below, will qualify for a Racine Unified School District High School Diploma.

Variations of the plan below can be designed. They may also qualify students for items 1 and 2 above. To individualize, however, may require counselor help. (Note: If students are undecided about college but have potential for doing well, they may follow this plan and be well-prepared for whatever later choice they might make.)

Sample Four -Year Plan

Course	Grade 9	Credit	Course	Grade 10	Credit
Freshman Eng. or PreAP 9		1	Intro to IB Eng., Soph. Eng. or PreAP 10-Amer. Lit.		1
CP U.S. History		1	CP World History or AP World History or		
Algebra 1, or CP Geometry		1	Introduction to IB History		1
9 Lab Science or Biology		1	Geometry or CP Geometry or Algebra 2		
World Language Electives	1 or 0		or CP Algebra 2/Trig		1
P.E. 1/2 and Health 1/2		1	Biology; or Chemistry; or Intro to IB Chemistry; or Physics; or Earth		
Computer Elective		1/2	Science		1
Art or Music or Drama/Speech		1/2	P.E.		1/2
Lunch		<u>0</u>	Electives		1 or 0
Grade 9 Credit Total		6 or 7	Art or Music or Drama/Speech		1/2
			Fr. or Sp. or Ger. or Latin II or III		1 or 1/2
			Lunch		<u>0</u>
			Grade 10 Credit Total		6 or 7
Course	Grade 11	Credit	Course	Grade 12	Credit
World Lit., AP Lang. & Comp or IB Jr. World Lit.	1		AP Lit. & Comp; IB Senior World Lit.; or AP/IB World Lit.; & Comp.;		
CP Sociology and CP or AP US. Govt. & Politics			or Shakespeare; Modern Writers;		
or IB History I	1-1/2 or 1		English Usage/Writing		1
CP Algebra 2-Trig or Algebra 2 or IB Statistics or			Econ. Theory or AP Econ. and Elective or IB History 2		1
CP Pre-Calculus or IB Math SL1/Pre-Calculus	1		IB Math SL1/Pre-Calculus or CP Pre-Calculus or		
Chemistry or AP Chemistry or Intro to			Math Studies or IB Math Studies or IB Statistics		
IB Chemistry or IB Biology I or	1		or IB Calculus or IB Math SL2		1
Earth Science	1		AP Biology or AP/IB Chem. or Physics B or		
P.E. 1/2 and Elective 1/2	1		AP Physics or IB Physics or IB Biology II		1
World Language	2 - 0		Fr. or Sp. or Ger. or Latin IV or AP V or IB V		1
Lunch		<u>0</u>	Elective(s)		1
Grade 11 Credit Total		6 or 7	Elective(s)		1 or 0
			Lunch		<u>0</u>
			Grade 12 Credit Total		6 or 7

Students seeking to follow the College Prep Plan above and still specialize in one interest or ability area such as Art, Music, Drama, Business and Information Technology, Family and Consumer Education or Technology Engineering Education, may wish to use electives for this purpose.

Two years of a world language are **recommended** (UW-Madison and UW-Eau Claire REQUIRE 3-4 years of a single world language for entrance). Please verify the entrance requirements for the school(s) you are interested in attending.

(<http://www.admissions.wisc.edu/apply/freshman/requirements.php>)

Individual courses not listed in the College Prep Plan, which many college students have found to be helpful in developing coping skills, are note taking, Keyboarding, Word Processing (and other computer courses), World Geography and Speech.

CP = College Preparatory AS = Advanced Standing TC = Transcribed Credit

SAMPLE TECHNICAL COLLEGE AND OCCUPATIONAL SEQUENCE

The Wisconsin Technical College System (WTCS) recommends a sequence of courses to best prepare students for a WTCS School (like Gateway or MATC) or to seek employment immediately after graduation. If you have completed the required and recommended coursework, you will have greater flexibility and choice. (Note: This plan goes well beyond the basic requirements for graduation from high school. It reflects a program of study appropriate for entrance to some colleges as well. Some colleges also examine applicants' GPA, rank in class and ACT/SAT scores prior to admission.)

FOR SPECIAL HELP:

A counselor, on request, will make an individual plan based on standardized test scores, interests, GPA, etc. An appointment is needed.

Sample Four -Year Plan

COURSE	GRADE 9	CREDIT	COURSE	GRADE 10	CREDIT
English or English Literacy		1	English or English Literacy		1
U.S. History - Reg. or CP		1	World History - Reg. or CP		1
Math - Algebra 1		1	Math - Geometry		1
Science		1	Science - Biology or Earth		1
PE 1/2 and Health 1/2		1	PE 1/2 and Computer Elective 1/2		1
Study Hall		0	Fine Arts		1
Career & Technical Ed. Elective/PLTW		<u>1</u>	*Career & Technical Ed. Elective/PLTW		<u>0 or 1</u>
Grade 9 Credit Total		6	Grade 10 Credit Total		6 or 7
COURSE	GRADE 11	CREDIT	COURSE	GRADE 12	CREDIT
Jr. English or Advanced English		1	English - Elective Program		1
Survey III			Econ/Soc 1/2 and		
Econ/Sociology 1/2 and Am. Gov't 1/2		1	Elective 1/2		1
Math – Algebra 2 or CP Algebra 2/trig		1	*Career & Technical Ed. Elective/PLTW		<u>4 or 5</u>
*Career & Technical Ed. Elective/PLTW/		3	Grade 12 Credit Total		6 or 7
Science: either stand alone or PLTW course					
PE		<u>1/2</u>			
Grade 11 Credit Total		6-1/2			

CP = College Preparatory **AS** = Advanced Standing **TC** = Transcribed Credit

Students may refer elsewhere in the *Course Description Guide* to plan electives in a particular field, which will:

- emphasize occupations
- teach employability skills and attitudes
- provide human relations training
- give information about non-traditional careers
- introduce job seeking/keeping skills
- include practical knowledge of business operations

Besides courses, students should also consider opportunities to obtain high school credit by enrolling in:

- 1) an off-campus experience
- 2) a supervised work program such as Co-op or Youth Apprenticeship, or
- 3) a student organization including FBLA, DECA, HOSA, FCCLA, or Skills USA.

The above plan is one sample for students interested in a technical college or occupational sequence of courses. Variations of the above plan and course selections are possible. Students, working with their counselors, will be able to individualize their schedules for a more personalized, meaningful high school experience.

* Technology and Engineering Education, Family and Consumer Science, Business and Information Technology, Art, etc.

Note: Some technical college programs, for example nursing, require students to have taken specialized career-related courses such as Medical Terminology or Language of Medicine. Students should see their counselor or a Career and Technical Education teacher for more information on Programs of Study or career paths. See pages 18 – 20 for Ways in Which High School Students Can Earn Technical College Credit through Articulation.

FOUR-YEAR PLANNING GUIDE

As students and parents prepare to register for courses for the 2016-2017 school year, now would be a very good time to review past and consider future goals. How do the classes taken or planned for next year “fit” your plans and life goals? You may use this sheet as a planning guide to ensure your needs are met. If you need further assistance, please contact your counselor.

Subject	RUSD Requirements
	✓ 22 Total Credits ✓ Successful completion of the following subject and credit requirements:
English	4 Credits including: .5 credit in senior year: Acting, English Literacy, or Speech may count
Social Studies	3.5 Credits including: .5 credit in senior year
Science	3 Credits
Math	3 Credits
Physical Education	1.5 Credits* including: .5 credit per year for a minimum of 3 years
Health	.5 Credit
Fine Arts	1 Credit includes: <ul style="list-style-type: none"> • Art • Music • Speech • Drama
Electives	4.5 Credits**
Career & Technical Ed. (CTE)	1 Credit from**: <ul style="list-style-type: none"> • Business Education • Marketing Education • Family/Consumer Science • Health Science Occupations • Technology and Engineering
Total Credits	22 Credits

Subject	Entrance Requirements for Most University of Wisconsin Schools **
	✓ Rank in top 50 % of class ✓ Successful completion of the following subjects:
English	4 Credits
Social Studies	3 Credits
Science	3 Credits including: <ul style="list-style-type: none"> • Integrated Science • Biology • Chemistry • Physics
Math	3 Credits including: <ul style="list-style-type: none"> • Algebra I • Geometry • Algebra II
World Language	Recommended: 2 years of a single World Language (UW-Madison and UW-Eau Claire REQUIRE 2 years of a single world language for entrance). Please verify the entrance requirements for the school(s) you are interested in attending.
Electives	4 Credits
Total Credits	17 Credits (Not including World Language Credit)

For the class of 2017-2018 and thereafter, a student need only complete 1.0 credit in physical education if the student participates in one sport, during one season. If this option is used, the student is required to take an additional .5 credit in math, English, social studies, science or health education in lieu of the physical education credit. See Administrative Regulation 6142.15 for details.

Applies to the class of 2017-2018 and thereafter

→→ Please verify admission requirements with the specific school of your choice. ←←

ADVANCED PLACEMENT PROGRAM

The Advanced Placement (AP) Program at William Horlick High School, Washington Park High School, and Walden III (REAL via Virtual Learning) gives students the opportunity to pursue college-level studies while still in high school and to receive college credit through success on AP Exams.

Advanced Placement, a College Board Program, is the largest effort in the United States between high schools and colleges. Since 1955, the Advanced Placement program has grown so that in the spring of 2010, nearly 18,000 schools worldwide participated in the program. 32.4 percent of U.S. public high school students in the class of 2012 took an AP Exam at some point in high school. In 2012, more than 2 million students worldwide took more than 3.7 million AP Exams.

More than 90 percent of the nation's four-year colleges and universities have an AP policy that grants incoming students credit, placement or both for qualifying AP Exam scores. Success on these exams gives students credit at all Wisconsin public universities. For high school courses designated as AP or IB courses (nationally recognized as baccalaureate level), credit for an appropriate technical college course will be awarded to students who earn a B or better.

In 2012, more than 3,600 colleges and universities accepted qualifying AP Exam scores for credit and/or placement. Over 3.4 million exams were taken in the spring of 2010. This represents not just the chance to save on college tuition and graduate early from college but also frees up time in a student's college schedule, allowing a student to take more advanced courses, to double major, or to explore additional disciplines and opportunities.

In many cases, colleges and universities that are selective in their admission policies expect students to enroll in 9th and 10th grade Pre-AP courses since these choices demonstrate maturity and commitment to academic excellence.

Advanced Placement offers several awards to select students who take Advanced Placement (AP) exams. Each year the AP Program recognizes students who have performed exceptionally well on AP examinations. Exams are taken in May and awards are granted in September. The following designations can be earned: AP Scholar, AP Scholar with Honor, AP Scholar with Distinction, National AP Scholar, and AP State Scholar.

- See http://en.wikipedia.org/wiki/Advanced_Placement_Awards for specific information or ask your high school counselor.

Students enrolled in Advanced Placement courses take Advanced Placement exams in May of each year, which is how college credit is earned. Taking the AP exams is the culmination of the Advanced Placement Program at RUSD. The cost for each exam is the student's responsibility, but those students on free and reduced lunch take the exams free of charge. It is highly recommended that students who take the exam take it during the year they are in the AP class. Students should discuss the AP exams with their school AP Coordinator, AP instructors, and counselor.

- **All public universities in Wisconsin** give college credit to students who receive a 3, 4, or 5 on AP exams. See <http://uwhelp.wisconsin.edu/testing/ap.aspx> for detailed information about the amount of credit given at *specific* Wisconsin universities.
- **Gateway Technical College** awards college credit to students with AP exam scores of 3, 4, or 5. To earn AP credits, students must be admitted into an associate's or technical degree granting program and have their official AP grade report sent directly to the Registrar's Office from the College Board. More information about early college credit opportunities can be found at: <https://www.gtc.edu/college-connection/ways-earn-college-credit>.
- Most **private schools** also give credit for success on AP exams, and students may ask their high school counselor or college admission representative about such credit.
- Students thinking of a **public university in Minnesota** should check at <http://admissions.tc.umn.edu/academics/ap.html>. The University of Minnesota gives college credit for scores of 3, 4, and 5 on AP exams. Here is an excerpt from this site:
 - "The Advanced Placement program offers you the chance to begin college-level studies while you are in high school. Through AP, you can get a jump-start on your U of M education...."
 - Furthermore, you can use your Advanced Placement exams to fulfill liberal education requirements at the University of Minnesota. Liberal education requirements are courses or categories of courses that all college students must complete for graduation from the U of M...."

The following criteria are considered when selecting students for Advanced Placement courses:

- Teacher recommendation
- Designated Prerequisites listed under each AP Course Description
- Success in relevant core Pre-AP/ advanced level courses
- Proficient to Advanced designation on district and state standardized tests (as relevant)
- Demonstration of Advanced to Exemplary levels of writing as determined on the Wisconsin and RUSD writing 6-point rubrics (as relevant)
- Proficient to advanced reading levels (as relevant)

Note: Parents and students may access more complete information about the Advanced Placement Program at www.collegeboard.com/parents/ or <http://www.collegeboard.com/student/testing/ap/about.html>.

AP Students and AP: Explore the Rewards <https://apstudent.collegeboard.org/exploreap/the-rewards> AP can change your life. Through college-level AP courses, you enter a universe of knowledge that might otherwise remain unexplored in high school; through AP exams, you have the opportunity to earn credit or advanced standing at most of the **nation's colleges and universities**.

Why Participate?

With 30 courses and exams across 31 subject areas, AP offers something for everyone. The only requirements are a strong curiosity about the subject you plan to study and the willingness to work hard. Here are just a few reasons to sign up:

Gain the Edge in College Preparation

- Get a head start on college-level work.
- Improve your writing skills and sharpen your problem-solving techniques.
- Develop the study habits necessary for tackling rigorous course work.

Stand Out in the College Admissions Process

- Demonstrate your maturity and readiness for college.
- Show your willingness to push yourself to the limit.
- Emphasize your commitment to academic excellence.

Broaden Your Intellectual Horizons

- Explore the world from a variety of perspectives, most importantly your own.
- Study subjects in greater depth and detail.
- Assume the responsibility of reasoning, analyzing, and understanding for yourself.

How Do I Enroll?

Once you've decided to take the AP challenge it's easy to enroll.

- Talk to an AP teacher or the AP Coordinator at your school about the course you want to take. Discuss the course's workload and any preparation you might need
- William Horlick High School and Washington Park High School offer the following AP college-level courses. Walden also offers some AP Courses. REAL school offers limited AP coursework via Virtual Learning.)

Subject	Course	Credit	Grade/s
Art	AP 2D Studio Art	1	11, 12
	AP 3D Studio Art (Park only)	1	11, 12
English	AP English Language & Composition	1	11
	AP Literature and Composition	1	12
World Language	AP French Language	1	12
	AP German Language	1	12
	AP Spanish Language	1	12
Mathematics	AP Statistics	1	11 acc., 12
	AP Calculus AB	1	12 acc.
Science	AP Chemistry	1	11, 12
	AP Biology	1	11, 12
	AP Physics (Park only)	1	11, 12
Social Studies	AP US Government & Politics	1	11, 12
	AP World History	1	10
	AP Psychology	1	11, 12
	AP Microeconomics	½	12
	AP Human Geography	½	10, 11, 12

INTERNATIONAL BACCALAUREATE (IB) PROGRAM

International Baccalaureate is an elective high level academic diploma program available to all District students and is offered at J.I. Case High School.

More information about the entire IB program can be found at [Http://ibo.org](http://ibo.org). There are over 2,000 Diploma Programs worldwide and RUSD has had a strong and growing program at JI Case High School for more than 30 years. Students enrolled in IB courses have the opportunity to take exams for which they can earn college credit. Over half a million IB exams were given worldwide in 2013 and more than 1,200 universities in North and South America accept IB credits earned through these tests and IB coursework. IB students have three options to take some courses in the DP Programme, the Full Diploma Programme and the new IB Career Related Programme.

The following is a list of International Baccalaureate course descriptions and prerequisites.

1. To be eligible, students must meet four or more of the following requirements:
 - a. Middle school enrollment in the equivalent of one year of high school French, German, or Spanish (Without one credit of foreign language or a plan to self-accelerate, a student will be unable to complete the full IB sequence. Students may self-accelerate in the summer by means of foreign language camp, a tutor, virtual programming or a college course.)
 - b. Acceleration in mathematics (Without acceleration in mathematics or a plan for self-acceleration, a student will be unable to complete the full IB sequence. Students may self-accelerate by taking both Geometry and Advanced Algebra/Trig in the sophomore year of high school.
 - c. Teacher recommendation for ninth grade college preparatory (CP) social studies
 - d. Acceleration in English
 - e. Acceleration in Science
 - f. Advanced performance on standardized tests.
2. Requirements of the Full IB Program:
 - a. Three two-year courses from the following subject areas:
Mathematics – IB Math SL1 and IB Calculus or IB Math SL1 and IB Math SL2
English – IB Junior and Senior Literature
Social Studies – IB History 1 and 2
Science – IB Biology 1 and 2
 - b. Three one-year courses from the following subject area:
Mathematics – IB Studies 1 and IB Studies 2
Foreign Language – IB fifth-year French, German, or Spanish
Elective – IB Chemistry or IB Physics or IB Art
 - c. A two semester sequence over Jr. and Sr. year Theory of Knowledge course
 - d. An extended essay on a topic from one of the six subject areas
 - e. Creativity, action or service of 150 hours during the junior and senior years
 - f. In order to obtain the official IB diploma, students must show proficiency in six tested areas. Transfer students are encouraged but not required to take the official IB examinations.
3. If a student is granted a transfer from another Racine Unified high school, the district will provide transportation as long as the student is an IB Full Diploma candidate. A student will be dropped from the Full Diploma program if he/she drops or fails an IB course or prerequisite course or if they are dismissed from the program.

Transportation for high school students selecting the Full IB program may be provided by:

- a. School bus
 - b. City bus
 - c. Parent contract
4. If a transfer student withdraws from the full IB Diploma program, the district will no longer provide transportation. The student may continue to attend Case High School, however, if he/she meets the requirements listed below:
 - a. The student (parent) must provide transportation
 - b. The student must demonstrate a continued interest in the IB philosophy of “educating the whole person for life” by enrolling in the following:
 1. Four of the six courses required for the IB Diploma. (See sections 3a and 3b)
 2. The Theory of Knowledge course

Subject	Course	Credit	Grade/s
Art	IB 2D Studio Art	1	11, 12
	IB 3D Studio Art	1	11, 12
English	Intro To IB English	1	10, 11, 12
	IB Extended Essay/Creativity, Action, and Service	.5	11
	IB Junior World Literature	1	11, 12
	IB Senior World Literature	1	12
Mathematics	IB Statistics	1	11, 12
	IB Math Studies	1	11, 12
	IB Math SL	1	11, 12
	IB Calculus	1	12
Science	IB Biology 1	1	11, 12
	IB Biology 2	1	11
	Intro to IB Chemistry	1	10, 11, 12
	IB Chemistry	1	11, 12
	IB Physics	1	11, 12
Social Studies	Intro to IB History	1	10
	IB Contemporary History 1	1	11
	IB Contemporary History 2	1	12
	IB Theory of Knowledge	1	11, 12 (.5 each year)
	IB Psychology	1	11, 12
World Language	IB Fifth-Year French	1	12
	IB Fifth-Year German	1	12
	IB Fifth-Year Spanish	1	12

WAYS IN WHICH HIGH SCHOOL STUDENTS CAN EARN TECHNICAL COLLEGE CREDIT THROUGH ARTICULATION

Articulation refers to aligning high school and postsecondary curricula to create sequences of courses offering skill attainment with unnecessary duplication. Articulation focuses on providing opportunities for high school students to take college level course work in order to get a head start on earning college credits while continuing to fulfill high school graduation requirements.

There are two types of articulation – advanced standing and transcribed credit. The table below outlines the similarities and differences between the two types. Articulation agreements are formal agreements created between public school districts and postsecondary institutions. Students benefit from both types of articulation. However, it is important to note the specific differences in benefit between advanced standing and transcribed credit.

Terminology	Advanced Standing	Transcribed Credit
DEFINITIONS	Advanced Standing may also be referred to as <ul style="list-style-type: none"> • “Credit in escrow” because the application of the credit is delayed until students enroll in a technical college program. 	Transcribed Credit may also be referred to as: <ul style="list-style-type: none"> • “Dual credit courses” as high schools also give credit. • “Direct credit” because students are earning technical college credit directly from the technical college.
RELATIONSHIP BETWEEN HIGH SCHOOL AND TECHNICAL COLLEGE COURSES	High school course(s) or competencies are determined to be equivalent or comparable to a technical college course. Agreements require a minimum of a 3.0 grade point on a 4.0 scale for students to earn credit. High school grading policies and standards are followed.	Technical college curriculum is taught to high school students. A variety of delivery methods may be used. Students earn both high school credit and technical college credit simultaneously. Technical college grading policies and standards established in the agreement are followed.
TEACHER	Course is taught by a high school teacher who holds a current DPI license in the related area of instruction.	Course is taught by a WTCS college instructor or a high school instructor who holds a current DPI license in a related area and has been granted WTCS articulation certification under Wisconsin Administrative Code TCS 3.03(9)(b).
AWARDING CREDIT	The student must meet all conditions of the articulation agreement in order to be eligible for advanced standing credit. Technical college credits are awarded; however, technical college grades are not given for these courses.	Upon successful completion of course, grades are posted to an official technical college transcript and tabulated in the student’s technical college GPA. Students earn technical college credit and high school credit simultaneously.
DOCUMENTATION	The school district maintains the student’s transcript. Under DPI, PI 26 Education for Employment; The district must include specific information on pupil transcripts. This information includes the title of the course; the high school credits earned and whether those credits were earned through advanced standing, transcribed credit, or the advanced placement program; and the participating postsecondary institution, when appropriate. Technical colleges may opt to give a “certificate of eligibility” that specifies the course title, course number and credits for which advanced standing may be granted upon enrollment at a technical college.	The technical college maintains the student’s transcript for technical college course work. The school district maintains the student’s transcript including high school and technical college course work. Under DPI, PI 26 Education for Employment, the district must include specific information on pupil transcripts. This information includes the title of the course; the high school credits earned and whether those credits were earned through advanced standing, transcribed credit, or the advanced placement program; and the participating postsecondary institution, when appropriate.

DATA REPORTING	School districts receiving Perkins funds are required to report current articulation in the Career & Technical Education Enrollment Reporting System (CTEERS).	The technical college reports the course in the WTCS Client Reporting System.
AGREEMENT/COSTS	Involves a written articulation agreement. No fees are charged to the student or school district.	Involves a written contractual agreement and cost-neutral arrangement between a school district and a technical college.
TRANSFER TO ANOTHER WTCS TECHNICAL COLLEGE	According to the Credit for Prior Learning policy (Educational Services Manual 12.10.5), technical college credit awarded for high school coursework covered by an articulation agreement at the originating technical college shall be accepted as credit toward completion of a comparable course or courses by the receiving technical college.	All courses taken for technical college credit appear on a student's transcript and shall be transferrable to other technical colleges who have the same program.

Racine Unified School District courses listed below equate to Gateway Technical College course offerings through either Advanced Standing (AS) or Transcribed Credit (TC). AS equivalencies are established for a three-year period and may be renewed after review. TC equivalencies are established annually and may also be renewed after review.

BUSINESS AND INFORMATION TECHNOLOGY

Racine Unified School District	Qualifying Requirements	Gateway Equivalent
BMI-03210 Keyboarding Applications (TC)	C grade or better	106-137 Keyboarding Applications
BMI-03220 Introduction to Business (TC)	C grade or better	102-137 Introduction to Business
BMI-03223 Business and Personal Law (TC)	C grade or better	102-160 Business Law
BMI-03225 Entrepreneurship (TC)	C grade or better	145-1197 Entrepreneurship
BMI-03240 Accounting (AS)	B grade or better	101-112 Accounting for Business
BMI-03241 Advanced Accounting (AS)	B grade or better	101-114 Accounting Principles
BMI-03227 Introduction to Marketing (AS)	B grade or better	104-101 Marketing Principles
BMI-03228 Marketing Principals (TC)	C grade or better	104-101 Marketing Principles
BMI-03229 Retailing (TC)	C grade or better	104-127 Retailing
BMI-03260 Business Occupations and BMI-03261 Co-op Business Occupations (AS)	B grade or better	103-110 MS PowerPoint 103-112 MS Word 106-119 Professional Development

GENERAL EDUCATION

Racine Unified School District	Qualifying Requirements	Gateway Equivalent
MTH-02443 Pre-Calculus or	B grade or better	804-197 College Algebra & Trigonometry with Applications
MTH-08701 IB Pre-Calculus /Math SL		

FAMILY AND CONSUMER SCIENCE

Racine Unified School District	Qualifying Requirements	Gateway Equivalent
FCE-03641 Culinary Arts 1	B grade or better	316-130 Nutrition
FCE-03642/ FCE-03643 Culinary Arts 2 or 3 and	B grade or better	316-170 Sanitation and Hygiene ServSafe Certification
FCE-03643 Culinary Arts 3	B grade of better and Prepare plate for WRA Competition	316-136 Culinary Competition I
FCE-03644 Culinary Arts 4 & 5	B grade or better	316-131 Culinary Skills 1
FCE-03621 Child's World and	B grade or better	3 Elective Credits Early Childhood Program
FCE-03622 Assistant Child Care Teacher	B grade or better	
FCE-03663 Language of Medicine	B grade or better	501-101 Medical Terminology

TECHNOLOGY AND ENGINEERING EDUCATION

Racine Unified School District	Qualifying Requirements	Gateway Equivalent
TEC-03747 PLTW-Principles of Engineering	B grade or better	605-183 Future Trends in Electronics
TEC-03749 PLTW-Intro to Engineering Design	B grade or better	606-149 Intro to Mechanical Engineering Technology 606-139 Introduction to AutoCAD Inventor
TEC-03751 PLTW-Digital Electronics	B grade or better	605-130 Digital Electro
TEC-03752 Electrical/Electro Mechanical	B grade or better	605-113T-DC/AC-I System 4 Capstone
TEC-03750 Electric/Electronic System 1 & 2	B grade or better	605-113 DC /AC-I
TEC-03713 Transportation Capstone 3 & 4 (TC)		602-107 Auto Service Fundamentals and 602-125 Electrical & Electronic Systems 1
TEC-03716 Auto Technician 1 (TC)		602-104 Brake Systems
TEC-03717 Auto Technician 2 (TC)		602-146 Steering & Suspension Systems

WORLD LANGUAGES

Racine Unified School District	Qualifying Requirements	Gateway Equivalent
WLS-02381 First-Year Spanish	B grade or better	802-111 Spanish 1
WLS-02382 Second-Year Spanish	B grade or better	802-111 Spanish 1

**Articulated courses are coded (AS) or (TC) on student transcripts.

ART

Career Clusters: Arts, A/V Technology & Communication.

The Art Department offers a variety of courses to meet the needs of students with a wide range of aptitudes, interests and abilities. Beginning courses are offered for all students. These courses introduce art concepts in a studio setting. Art History, on the other hand, is primarily an academically oriented course. All art courses, beginning or advanced, may be used to fulfill the Fine Arts requirements for graduation.

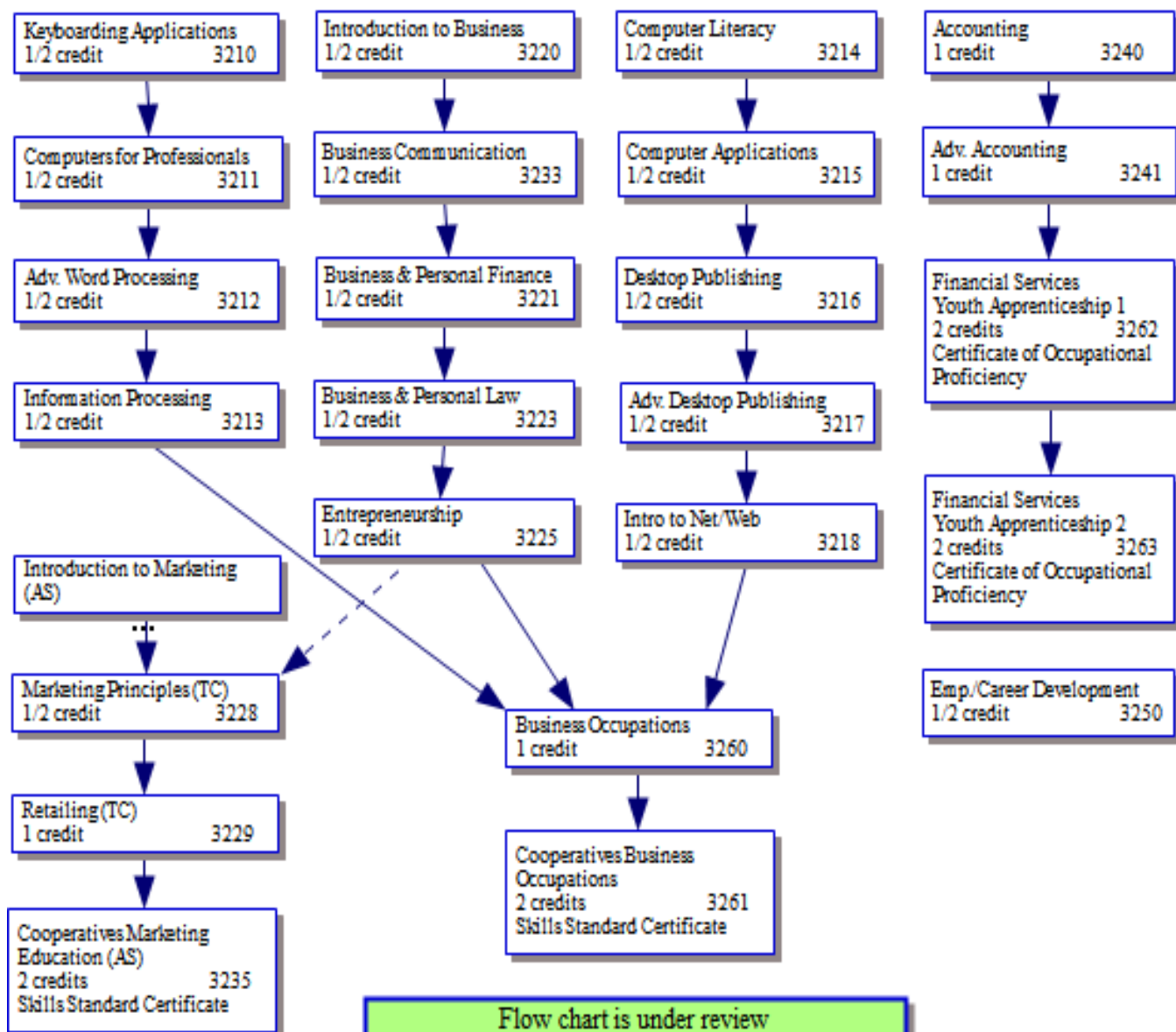
Course Title	Course No.	Course Prerequisite /Description
Independent Study Art 1/2 Credit 12	ART-02111	<i>Prerequisite: Department chairperson and instructor approval required.</i> This study is for students who would like to continue study in one distinct area and has completed both beginning and advanced classes in that area. A student lab fee will be charged.
Art History 1/2 Credit 10, 11, 12	ART-02112	<i>Prerequisite: None.</i> A study of visual art through the examination of masterpieces by famous artists. Students will understand the historical context in which the art was created. Course assignments may include hands-on activities, but the emphasis will be on fine arts appreciation. A student lab fee will be charged.
3D Beginning Art Metals (Jewelry) 1/2 Credit 9, 10, 11, 12	ART-02113	<i>Prerequisite: None.</i> Basic work in designing and making brass and copper jewelry and small art objects (pins, necklaces, chains, and small sculptural objects). Students will learn to saw, pierce, solder, and polish metal projects. A student lab fee will be charged.
3D Advanced Art Metals (Jewelry) 1/2 Credit 10, 11, 12	ART-02114	<i>Prerequisite: Course No. 2113.</i> This course is for the student who was very successful at the beginning level. Students will continue exploration to develop advanced skills in metal techniques with the opportunity to work with silver, brass, copper and other materials. Students will work independently to create quality and originality in jewelry designs and small objects consistently. Students will understand and practice safety rules. A student lab fee will be charged.
3D Beginning Ceramics 1/2 Credit 9, 10, 11, 12	ART-02115	<i>Prerequisite: None.</i> Students will experience basic clay construction techniques; pinch, coils, slabs, molds, and glazing. Students will explore different techniques of finishing a ceramic surface. Students will gain an understanding of the history of ceramics and its influence on different cultures. A student lab fee will be charged.
3D Advanced Ceramics 1/2 Credit 10, 11, 12	ART-02116	<i>Prerequisite: Course No. 2115.</i> This class is for the student who was very successful at the beginning level. Advanced problems in construction, decorative techniques, finishing, and potter's wheel experiences. A student lab fee will be charged.
3D Beginning Textiles (Fabric Construction) 1/2 Credit 9, 10, 11, 12	ART-02117	<i>Prerequisite: None.</i> Students will explore two and three-dimensional experiences of fabric design, construction, and decoration. Units of study will cover basic weaving techniques, macramé, crochet, twining, basketry, embroidery, trapunto, beading, batik, and tie-dye. Students will also study contemporary artists and textile design in various cultures and history. A student lab fee is accessed for this course.
3D Advanced Textiles (Fabric Decoration) 1/2 Credit 10, 11, 12	ART-02118	<i>Prerequisite 2117.</i> Advanced work in fabric decoration. A student lab fee will be charged.
3D Beginning Sculpture 1/2 Credit 9, 10, 11, 12	ART-02119	<i>Prerequisite: None.</i> Beginning exploration of sculpture as three-dimensional fine art. Students will use subtractive and additives methods using clay, wire, paper maché and other materials. A student lab fee will be charged.
3D Advanced Sculpture 1/2 Credit 10, 11, 12	ART-02120	<i>Prerequisite: Course No. 2119.</i> This class is for the student who was very successful at the beginning level. Advanced exploration in the methods of sculpture production and its relationship to art history. A student lab fee will be charged.
2D Beginning Drawing and Design 1/2 Credit 9, 10, 11, 12	ART-02121	<i>Prerequisite: None.</i> Students will obtain skill in using drawing techniques: contour, gesture, shading, values. This course will help students learn how to communicate meaning, emotions, and develop a personal statements using the elements and principles of design. They will work with pencils, markers, colored pencils, various papers, oil pastels, watercolors, and tempera paint as well as computer technology. A student lab fee will be charged.
2D Advanced Drawing and Design 1/2/Credit 10, 11, 12	ART-02122	<i>Prerequisite: Course No. 2121.</i> This class is for the student who was very successful at the beginning level. Advanced design work with greater variety of media and tools, with some emphasis on commercial art. A student lab fee will be charged.
2D Beginning Drawing and Painting 1/2 Credit 9, 10, 11, 12	ART-02123	<i>Prerequisite: None.</i> Students will learn the fundamentals and instruction in drawing and painting. Students will be introduced to color theory. Students will explore a wide range of media including watercolor, tempera, pastel and a variety of drawing materials. A student lab fee will be charged.

Course Title	Course No.	Course Prerequisite /Description
2D Advanced Drawing and Painting 1/2 Credit 10, 11, 12	ART-02124	<i>Prerequisite: Course No. 2123.</i> This class is for the student who was very successful at the beginning level. Advanced work in drawing and painting with expanded exploration of materials. Students will use acrylic paint and complex watercolor techniques and a variety of drawing medium. A student lab fee will be charged.
2D Beginning Drawing and Printmaking 1/2 Credit 9, 10, 11, 12	ART-02125	<i>Prerequisite: None.</i> A beginning course to introduce drawing and processes of printmaking, which produces multiple copies. A variety of processes such as woodcuts, linoleum prints, etching, stamping and silkscreen may be used. Fees will be charged.
2D Advanced Drawing and Printmaking 1/2 Credit 10, 11, 12	ART-02126	<i>Prerequisite: 2125.</i> Students will explore advanced problems in drawing and printmaking and graphics processes. Students will attain a knowledge of printmaking and its relationship to history, culture and methods. A student lab fee will be charged.
2D Studio Art 1/2 or 1 Credit 11, 12	ART-02127	<i>Prerequisite: Instructor's consent and three courses in 2D art one of which must be at the Advanced level.</i> Advanced assignments in drawing, design, painting, or printmaking with an emphasis on developing personal directions. A student lab fee will be charged.
3D Studio Art 1/2 or 1 Credit 11, 12	ART-02128	<i>Prerequisite: Instructor's consent and three courses in 3D art one of which must be at the Advanced level.</i> Advanced assignments in three-dimensional areas. Emphasis on personal direction. A student lab fee will be charged.
AP 2D Studio Art – Design/Drawing (Park and Horlick) 1 Credit 12	ART-02129*	<i>Prerequisite: <u>Consent by two different instructors</u> and three courses in 2-D art, one of which must be at the Advanced level and one 3D art experience.</i> A demanding advanced art course designed for the serious art student who has proven competency and interest in art. Providing maximum individualized instruction toward a personal direction of visual problem solving and research information. Students will produce drawings, designs, painting, and prints that culminate in the assembly of a personal portfolio. College credit may be earned. The AP exam is optional. A student lab fee will be charged.
AP 3D Studio Art (Park and Horlick) 1 Credit 12	ART-02130*	<i>Prerequisite: <u>Consent by two different instructors</u> and three courses in 3-D art, one of which must be at the Advanced level and one 2D art experience.</i> A demanding advanced art course designed for the serious art student who has proven competency and interest in art. Providing maximum individualized instruction toward a personal direction of visual problem solving and research information. Students will produce ceramics, sculpture, jewelry, textiles and mixed media that culminate in the assembly of a personal portfolio. College credit may be earned. The AP exam is optional. A student lab fee will be charged.
IB 2D Studio Art - (Case only) 1 Credit 11, 12	ART-08750*	<i>Prerequisite: One introductory and one advanced course in either Draw/Design, Draw/Paint, or Draw/Printmaking and Art Dept. Approval.</i> IB Studio Art is designed to prepare the serious art student for advanced studies in art. Students will research artist, careers and develop a portfolio of personal artworks using a range of media and subject matter of the students' choice. Students will acquire the ability to curate art and its relationships to culture, history and media. Student and instructor will determine area of concentration of study. The lifetime hobby artist will also benefit from this course. The IB exam is optional. IB/Studio Art exhibition is required. A student lab fee will be charged.
IB 3D Studio Art - (Case only) 1 Credit 11, 12	ART-08751*	<i>Prerequisite: One introductory and one advanced course either in Art Metals, Ceramics, Textiles, or Sculpture, and Dept. Approval.</i> This course is designed to prepare the serious art student for advanced studies in art. Art career exploration and portfolios preparation is offered. In addition to regular 3D Studio Art course work, students must expect to do outside research to meet requirements for IB credit. The lifetime hobby artist will also benefit from this course. The IB exam is optional. IB Art exhibition is required. A student lab fee will be charged.
(AS) Advanced Standing	*Weighted Credit	



Racine Unified School District

Recommended Sequence of Business, Marketing, Information Technology Courses



BUSINESS, MARKETING, AND INFORMATION TECHNOLOGY

Career Clusters: Business Management & Administration, Finance, Information Technology, and Marketing.

Business and Information Technology courses, based on today's ever-changing world of business, marketing, finance, and information technology is to offer students the chance to discover and master the fundamental knowledge and skills needed to succeed in business – and more importantly an equal occasion to succeed in life. The result of completing a department sequence of courses will offer students an increased opportunity for post-secondary education and training options which lead to careers in business and industry.

These course offerings include on-the-job Co-op programs for seniors in both Business and Marketing. By taking a sequence of career development courses in either Business Occupations or Marketing, in conjunction with either Cooperative Business Occupations or Cooperative Marketing Occupations, students can attain a skills certificate from the state of Wisconsin Department of Public Instruction.



All students are encouraged to join one of two related student leadership organizations: **FBLA** (Business) or **DECA** (Marketing). Career and Technical Student Organizations (CTSO) are a basic component of vocational education programs, found in middle and high schools throughout Wisconsin that support and enhance school-based and work-based learning. They provide students with skills and knowledge that will help them succeed in the 21st Century global economy. The benefits to students who join a CTSO include: enabling students to

achieve high academic and occupational standards, developing meaningful business partnerships, linking school-based learning to the real world of work and family, motivating youth to become better students and productive citizens developing school and community leaders, and enhancing student self-esteem and self-confidence. Students are able to participate in leadership labs, volunteering and giving back to the community, as well as local, regional, state, and national competitions.



Course Title	Course No.	Course Prerequisite/Description
Adaptive Keyboarding ½ Credit 9, 10, 11, 12	BMI-03201	<i>Prerequisite: None.</i> This course is designed for exceptional and special needs students to provide practical and personal instruction in basic keyboarding.
Adaptive Recordkeeping ½ Credit 9, 10, 11, 12	BMI-03202	<i>Prerequisite: None.</i> This course is designed for exceptional and special needs students to provide practical and personal instruction in simple recordkeeping.
Adaptive Computer Literacy ½ Credit 9, 10, 11, 12	BMI-03203	<i>Prerequisite: None.</i> This course is designed for exceptional and special needs students to provide practical and personal instruction in basic computer and software usage.
Business Education Survey ½ Credit 9, 10, 11, 12	BMI-03204	<i>Prerequisite: None.</i> This course is designed for exceptional and special needs students to provide practical and personal instruction in business occupations and the related computer application/skills for business employment.
Keyboarding Applications (TC) ½ Credit 9, 10, 11, 12	BMI-03210	<i>Prerequisite: None.</i> This is the basic keyboarding course, a prerequisite to most computer classes, but may be taken for exploratory or personal use. Emphasis is given to keying by touch. Eighth grade Keyboarding and Computer Applications is NOT a substitute for this course. However, this course may be waived by passing an advanced placement test given by the middle school teacher. A student lab fee will be charged. Students may earn Gateway Technical College credits in this course.
Computers for Professionals (TC) ½ Credit 9, 10, 11, 12	BMI-03211	<i>Prerequisite: Keyboarding Applications.</i> This course introduces students to the use of the PC. Through hands-on practice, students will manage files, communicate using e-mail, and use the Internet, word processing, spreadsheet, and presentation software in Microsoft Office. 3 Gateway Technical College Credits with a C grade or better in course.
Advanced Word Processing ½ Credit 10, 11, 12	BMI-03212	<i>Prerequisite: Word Processing.</i> This course will develop and refine basic skills in word processing leading to competency for employment. A student lab fee will be charged.
Information Processing (AS) ½ Credit 9, 10, 11, 12	BMI-03213	<i>Prerequisite: Keyboarding.</i> This course introduces the student to word processing, spreadsheets and database applications. There is a lab fee. Students may earn Gateway Technical College credits with a B grade or better in this course.

Course Title	Course No.	Course Prerequisite/Description
Computer Literacy ½ Credit 9, 10, 11, 12	BMI-03214	<i>Prerequisite: Keyboarding Recommended.</i> This course will offer students a hands-on computer experience. Students will learn about computer hardware, software, software application skills, the internet, networking and the newest emerging computer technologies including tablet and mobile computing. Upon completion of the course, students will be able to apply what they learn to the world of work or for personal use.
Computer Applications ½ Credit 10, 11, 12	BMI-03215	<i>Prerequisite: None.</i> This course is designed to expand your experience with different computer-based applications. Students will learn to work with graphics/pictures by using Adobe Photoshop, units in Power Point (presentations), and iMovie. Students will be able to develop their own multimedia projects, as well as, VHS/DVD personal movies. Students will learn to use other technology as well, including printers, the Internet, digital cameras, and scanners. Students interested in enrolling in Cooperative Business Occupations or Marketing Occupations should enroll in this course. A student lab fee will be charged.
Desktop Publishing ½ Credit 10, 11, 12	BMI-03216	<i>Prerequisite: Keyboarding recommended.</i> Basic layout and design will be taught by combining text and graphic elements to create a variety of documents. Fliers, forms, brochures, and pamphlets will be produced by the students. Students will be given the opportunity for creative design. The computer application used for this course is Adobe InDesign. A student lab fee will be charged.
Advanced Desktop Publishing ½ Credit 11, 12	BMI-03217	<i>Prerequisite: Desktop Publishing.</i> Students will further develop their knowledge of InDesign and Photoshop. Numerous projects utilizing these skills will be produced. Scanned images and digital photography will be integral parts of this course. A student lab fee will be charged.
Intro to Networking/ Web Concepts (TC) ½ Credit 9, 10, 11, 12	BMI-03218*	This is the introductory course in the IT web developer pathway at Gateway Technical College. This class begins instruction in the development and maintenances of business and e-Commerce web sites, using a variety of software, programming and scripting languages. You will learn the concepts behind basic web site structure and design in this course and establish the foundation for future courses in the IT-Web Developer associate degree pathway at Gateway Technical College.
Introduction to Computer Science (TC) ½ credit 9, 10, 11, 12	BMI-03219*	Students will explore aspects of computer science through programs such as MIT App Inventor and Python. One product of such exploration will be the creation of computer apps for android devices and games. In addition, students will learn about cyber-security, artificial intelligence, simulation and modeling. This course uses project-based learning; students will learn via self-created and -driven projects. This course is for students who have never written code before and is a prerequisite to other Project Lead the Way computer science courses.
Introduction to Business (TC) ½ Credit 9, 10, 11, 12	BMI-03220	<i>Prerequisite: None.</i> This course is designed to help students develop a basic understanding of the business world of the 21 st Century. Students will explore business ownership, planning, operations, marketing, economics, business basics, consumerism, finance, credit and employment as it relates to business management concepts and leadership styles. Students may earn Gateway Technical College credits in this course.
Personal Finance (AS) ½ Credit 9, 10, 11, 12	BMI-03221	<i>Prerequisite: None.</i> Successful completion of this course will help prepare students for economic independence. Earning a living, budgeting, credit, saving and investing, purchasing goods and services, and understanding various services are covered. Students may earn Gateway Technical College credits with a B grade or better in this course.
Business and Personal Law (TC) ½ Credit 10, 11, 12	BMI-03223	<i>Prerequisite: None.</i> Students will study criminal, juvenile, civil, and business law. Learn how our court system functions and learn about the individual's legal rights and responsibilities. Units include moral ethics of law, contracts, torts, leases and more. Valuable for all students. Students may earn Gateway Technical College credits in this course.
Web Programming Concepts (TC) ½ Credit 11, 12	BMI-03224* (Pending BOE Approval)	This is a first year course in the IT web developer pathway at Gateway Technical College. This class continues instruction in the development and maintenances of business and e-Commerce web sites, using a variety of software, programming and scripting languages. You will be introduced to web site project management, design, development, and deployment. This is a course in the It-Web Developer associate degree pathway at GTC.
Entrepreneurship (TC) ½ Credit 10, 11, 12	BMI-03225	<i>Prerequisite: Introduction to Business encouraged.</i> This course is designed to help students develop a basic understanding of entrepreneurship. We will explore what it takes to start up, own and operate a small business. Units will include entrepreneurship concepts, researching and planning a small business, business ownership, marketing strategies, economics, communications, and financial management. Students will create their own business plan as a final project for this course. A student lab fee will be charged. Students may earn Gateway Technical College credits in this course.

Course Title	Course No.	Course Prerequisite/Description
Introduction to Marketing (AS) ½ Credit 10, 11, 12	BMI-03227	<i>Prerequisite: Introduction to Business and/or Entrepreneurship encouraged.</i> One of the most dynamic and fastest growing areas of business is marketing. Every business uses marketing in some way. Students will explore what is involved in creating new products, pricing products, promoting products, and getting the products where they need to be. Marketing is a hands-on business class that teaches students how to be successful in today's business industry. Energetic and creative people are in demand by many of today's corporations and smallest businesses. Students enrolled in both Introduction to Marketing, #03227, and Marketing Principles, #03228, may earn college credits through Gateway Technical College by earning a C grade or better in both classes. Students enrolled in both Introduction to Marketing, #03227, and Marketing Principles, #03228, may earn college credits through Gateway Technical College by earning a C grade or better in both classes.
Marketing Principles (TC) ½ Credit 10, 11, 12	BMI-03228	<i>Prerequisite: Introduction to Marketing.</i> Marketing Principles is an advanced-level course for the student who is seriously considering a career in, or closely related to, the field of marketing. You will study the functions of marketing on a more in-depth level. Topics include career development, communications, economics, financing, marketing information management, operations and distribution, product and service planning, management, customer relations, promotion (making commercials and advertisements), selling, and risk management. Students will learn how to make outstanding presentation through practical experience, and learn to utilize technology at school, home and in the workplace. You will build lasting relationships, and learn the "real" meaning of competition! Students will also participate in operating a school-based enterprise or school store. Students enrolled in both Introduction to Marketing, #3227, and Marketing Principles, #3228, may earn college credits through Gateway Technical College by earning a C grade or better in both classes.
Retailing (TC) 1 credit 12	BMI-03229	<i>Prerequisite: Marketing Principles and permission of the Instructor.</i> This technical college course provides students an overview of retailing, trends, consumer and location analysis. Students will study the organizational structure through human resources, merchandising, advertising and promotion. This unique class has been developed for students with an interest in gaining an understanding of the multi-billion dollar industry, retail and marketing. Students will spend class time learning about general retailing principles, management, merchandising, advertising and promotional principles, customer service, and store operations. Class discussions and case studies will be presented on variety of topics. Students will manage and oversee the daily operations of the school based enterprise or school store. Students must interview for a variety of positions from cashier to inventory control; from vendor selection to product placement; and from advertising to visual merchandising the semester prior to taking Retail marketing. A portion of the learning opportunities occurs outside of the classroom and traditional school day. Students may earn technical college credits through Gateway Technical College by earning a C grade or better. Students taking Retail Marketing have the opportunity to take Marketing Co-op.
Business Communication ½ Credit 10, 11, 12	BMI-03233	<i>Prerequisite: None.</i> Instruction will focus on writing activities that have a workplace and technology emphasis. This introductory course will teach students to communicate in a clear, courteous, concise, complete and correct manner on both personal and professional levels. Competency will be developed in oral, written, interpersonal, technological, and employment communication. Listening skills will be incorporated throughout the semester. Students will be provided a solid communication base, so they are able to communicate effectively. A student lab fee will be charged.
Cooperative Marketing Education (TC) 2 Credits 12	BMI-03235	<i>Prerequisite: Introduction to Marketing, Marketing Principles or Small Business Ownership, concurrent enrollment in Retailing #3229, and permission of Instructor.</i> This course offers the student entry-level experience in the marketing and business field. Participants in this program are selected by the Marketing Co-op Coordinator and are placed on the job in a marketing position with a program partner employer. The main goal of the marketing cooperative education course is for students to gain some work experience in their chosen field, receive an excellent work recommendation at the end of the year, and enable them to obtain a better job upon graduation. Students taking this course must also take Retailing, Course #3229 at the same time.
Accounting (AS) 1 Credit 10, 11, 12	BMI-03240	<i>Prerequisite: None.</i> Accounting is the language of business. Learn the accounting cycle for a proprietorship, service business, and partnership. An on-line/computerized accounting system is utilized in this course. Become proficient at planning, recording, analyzing and interpreting financial information. There is a fee for the automated simulation in this course. Students may earn Gateway Technical College credits with a B grade or better in this course.
Advanced Accounting (AS) 1 Credit 11, 12	BMI-03241	<i>Prerequisite: Accounting.</i> Strongly recommended for anyone planning for post-secondary education or a career in any field of accounting or business administration. Instruction will increase competence and provide a broader understanding of accounting principles. Students may earn Gateway Technical College credits with a B grade or better in this course.

Course Title	Course No.	Course Prerequisite/Description
Employment/Career Development ½ Credit 9, 10, 11, 12	BMI-03250	<i>Prerequisite: None.</i> This course provides instruction in how to get a job and how to keep it, occupational characteristics, and preparation requirements. Employment readiness and career development are emphasized. Students will develop a job portfolio to help them secure employment.
Business Occupations (AS) 1 Credit 12	BMI-03260	<i>Prerequisite: Permission of instructor.</i> This course is for high school seniors interested in pursuing a career in the business management and a myriad of other areas of business. Classroom instruction based on high academic and business Information & Technology Work –based Learning Skill Standards. This skill certification provides students with a statewide recognized certificate upon completion of the Business Co-op class (03260.) This program includes student interested in a four-year, two-year degree, or those wishing to enter the work force training phase of the program. This course must be taken with Cooperative Business Occupations, (03261.) There is a fee for this course. Students may earn Gateway Technical College Credits, earning a B grade or higher by successfully completing both Business Occupational and Cooperative Business Occupations courses.
Cooperative Business Occupations (AS) 2 Credits 12	BMI-03261	<i>Prerequisite: Concurrent enrollment in Business Occupations, #3260, AND Permission of instructor.</i> Students for this program are selected for Cooperative Business Occupations. This course is the on-the-job phase of the program. As a senior, the student will spend approximately 15-20 hours a week. There is no weekend or evening hours and salaries are above minimum wage.
Financial Services Youth Apprenticeship 1 (AS) 2 Credits 11-12	BMI-03262	<i>Prerequisite: Concurrent enrollment in Accounting, Advanced Accounting, Business and Personal Finance, or Student Treasury.</i> Students will explore their interests, abilities, and aptitudes as they apply to the financial services industry. This program provides school-based academic and work-based occupational skills necessary for employment and/or for advanced standing in a post-secondary technical program. Students who register go through an application process in order to be accepted into the program. Students work an average of 10- 15 hours per week at a local financial institution. Students in this program must also be enrolled in a direct-related instruction course each semester enrolled in the program for the school-based learning component. For more details, see Youth Apprenticeship Programs in this Course Description Guide.
Financial Services Youth Apprenticeship 2 (AS) 2 Credits 12	BMI-03263	<i>Prerequisite: Financial Services Youth Apprenticeship 1 AND concurrent enrollment in Accounting, Advanced Accounting, Business and Personal Finance, or Student Treasury.</i> Students will continue their exploration of the financial services industry. School-based academic and work-based occupational skills necessary for employment and/or for advanced standing in a post-secondary technical program remain the focus of this advanced level occupational learning experience. Students work an average of 10- 15 hours per week at a local financial institution. Students in this program must also be enrolled in a direct-related instruction course each semester enrolled in the program for the school-based learning component. For more details, see Youth Apprenticeship Programs in this Course Description Guide.
IT Essentials (TC) 1 Credit 10, 11, 12	BMI-03301*	IT Essentials focuses on the relationship between hardware and system software. The course topics include PCs, peripherals, networking, security, troubleshooting, and communication skills. IT Essentials is an introductory course that presents a foundation toward the pursuit of CompTIA A+ certification.
Career Development ¼ Credit 10, 11, 12	BMI-09051	<i>Prerequisite: None.</i> Students will explore their interests, abilities, and aptitudes as they apply to career decision-making. Numerous career and college searches are conducted using the computer. Guest speakers and career videos are also used.
(AS) Advanced Standing	*Weighted Credit	

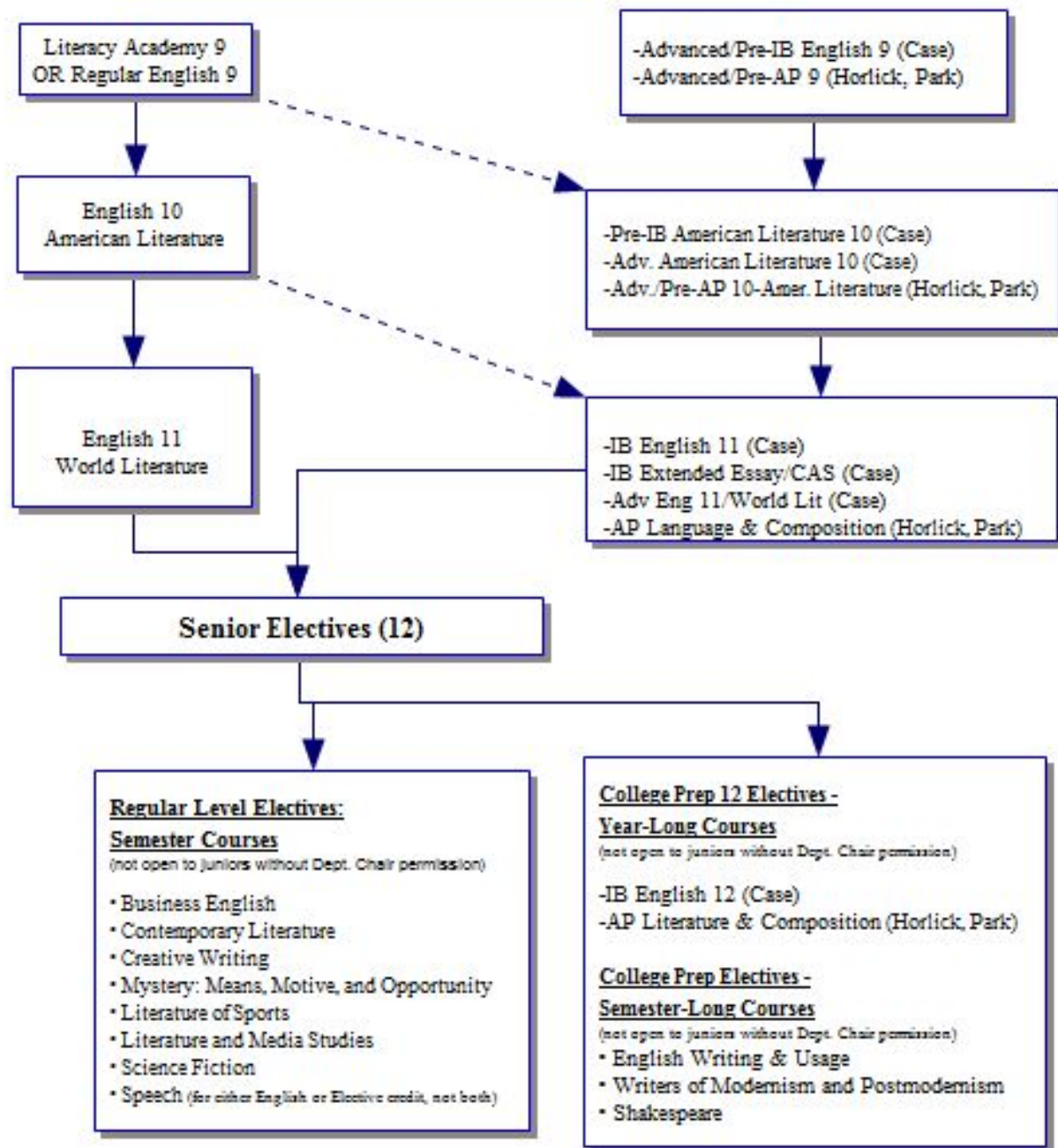
Counseling

It is important that students wishing to receive course credit as described below, apply first with the guidance counselor to whom they have been assigned.

Course Title	Course No.	Course Prerequisite/Description
Work Experience 2 Credits 12	GUI-07190	<i>Prerequisite: Staff Recommendation.</i> The Work Experience program allows students to earn additional credits in their senior year through employment in the community. The student's performance is evaluated and graded as in a regular class.
Off-Campus Credit: College Course ¼ Credit for 1 College semester credit 9, 10, 11, 12	GUI-07192	<i>Prerequisite: Staff Approval.</i> A course offered at a university, college or technical school, paid for by the student. This is a Pass/Fail course. Pre-college program credits will be accepted.
Correspondence Course ½ Credit 9, 10, 11, 12	GUI-07193	<i>Prerequisite: Staff Approval.</i> A course offered by a correspondence school (paid by the student). This is a Pass/Fail course. Pre-college program credits will be accepted.
Employment ½-1 Credit 9, 10, 11, 12	GUI-07194	<i>Prerequisite: Staff Approval.</i> An employment experience of a minimum of 160 hours during the school year. This experience may be repeated for a total of 1 credit (320 hours). This is a Pass/Fail course. A maximum of one (1) credit may be earned toward graduation.
Foreign-Domestic Travel ½ Credit 9, 10, 11, 12	GUI-07195	<i>Prerequisite: Staff Approval.</i> A supervised experience of at least six (6) weeks under the auspices of an organized study group (paid by the student). This is a Pass/Fail course. Pre-college program credits will be accepted.
Junior Achievement ¼ Credit/Semester 1 Credit/2 Years 9, 10, 11, 12	GUI-07196	<i>Prerequisite: None.</i> Successful participation in the Junior Achievement Program. This is a Pass/Fail course. Pre-college program credits will be accepted.
Self-Improvement Course ½ Credit 9, 10, 11, 12	GUI-07197	<i>Prerequisite: Staff Approval.</i> An instructional experience of at least 60 hours duration (paid by the student). This is a Pass/Fail course. Pre-college program credits will be accepted.
Voluntary Community Service ½-1 Credit 9, 10, 11, 12	GUI-07198	<i>Prerequisite: Staff Approval.</i> An experience of voluntary community service of 80 hours. A maximum of one (1) credit (160 hours) may be earned toward graduation. This is a Pass/Fail course.
School Service ½ Credit 10, 11, 12	GUI-08000	<i>Prerequisite: Staff Approval.</i> School Service is an experience as a teacher or office aide. A maximum total of one credit may be applied toward graduation. This is a Pass/Fail course.
Youth Options ¼ Credit for 1 college semester credit 11, 12	Determined by the approved post- secondary school (college or technical school) course	<i>Prerequisite: Staff, District Board of Education and Post Secondary School Approval.</i> Any 11 th or 12 th grade student may enroll in a Wisconsin public or private college/university or technical college. Students must have earned appropriate grade-level credits. 10 th grade students may apply but must have an 11 th grade credit standing to be eligible for enrollment. Students must be enrolled full-time in Racine Unified School District in order to participate. This is a Pass/Fail course. For additional information, please see the information sheet at the back of this guide or see your counselor.
Course Options ½ credit for 1 college semester	Determined by the approved post- secondary school (college or technical school) course	Course Options law allows a pupil enrolled in a public school district to take up to two courses at any time from an institute of higher or other educational institution. Rules and applications can be found at: http://dpi.wi.gov/courseoptions . Applications are initiated by the student and parent and must receive final approval from the Chief Academic Officer.
(AS) Advanced Standing	*Weighted Credit	



Recommended Sequence of English Courses



Students may change levels based on student performance, grades, test scores, teacher recommendation.

The following courses do not fulfill English credit: Acting, Newspaper Publication, Publications Photography, Yearbook Publication.

ENGLISH

Career Clusters: Arts, A/V Technology & Communications, Business Management & Administration, Education & Training, Health Science, Hospitality & Tourism, Human Services, Information Technology: Marketing and Science, Technology Engineering & Mathematics.

The Racine Unified School District offers a variety of English courses to meet the various skill levels of all students. Successful completion of four years of English is required. Students must complete successfully a minimum of one-half credit of English during the last two semesters of high school.

- ◆ All students are recommended for one of two levels of courses. Students' grades, standardized assessment scores, and capacity to complete work will also become part of the decision to place students at their appropriate academic level in English.
- ◆ Those students who wish to move from Regular Level to Pre-AP or Pre-IB levels must be approved by the English Department Chair.

Advanced Pre-IB English 9 and 10 at Case and Pre-AP courses 9 and 10 at Horlick and Park continue the advanced/college prep sequence from the 6th – 8th advanced middle school courses, which prepare students for both AP and IB courses and exams. The goal of the Racine Unified Advanced English/Reading program is to have students receive college credit through successful completion of AP and IB exams during the students' junior and senior years. Starting in 6th grade, the focus of the Advanced Language Arts /Reading program is the development of the necessary skills in critical thinking, writing, reading, language usage (rhetoric), and appropriate test taking to be successful on AP and IB tests and, subsequently, to receive college credit. By acquiring college credit during high school, students have the opportunity to graduate early from college and/or to take more courses in their chosen fields.

By Wisconsin Board of Regents' policy, students who are successful on AP (3 or higher) and IB exams (4 or higher) will receive credit for one or more courses at all Wisconsin public universities – and, through a reciprocity agreement, in Minnesota, as well. See the following website, which will give the general acceptance criteria for AP exams: <http://uwhelp.wisconsin.edu/admission/ap/uwc.asp>. This subsequent site lists each Wisconsin university by specific school and the AP credit that university offers: <http://uwhelp.wisconsin.edu/admission/ap.asp>.

For example, at UW-Parkside, the following AP credit is given. The far right hand column gives the number of college hours given as credit:

English Language and Composition	3,4,5	English 101	3
English Literature and Composition	3,4,5	English 101 and English 167	6

The International Baccalaureate Program is also supported by Wisconsin universities. See the following website: <http://uwhelp.wisconsin.edu/gearingup/more/ib.asp>.

For example, the following credit is given at Parkside:

English - HL	4,5,6, 7	English 101 & English Literature 167	6
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At Gateway, success on AP and IB exams gives automatic college credit in English. Refer to p. 9-11 of this document for more details about the Advanced Placement and International Baccalaureate programs in general.

Course Descriptions

Sophomores, juniors, or seniors may elect one semester of Speech (#2261) instead of one semester of an **elective** English course. If the course is used as an English credit, the student cannot use the course to fulfill the Fine Arts requirement.

All English courses have a minimum of 50% writing as part of their curriculum and grades. Research is embedded in all course work.

All English courses, including senior electives, stress the development of writing, reading, speaking and listening. English courses are grouped into the following categories:

Freshman Literacy Academy

These courses are designed to improve students' skills in writing and reading to proficiency level. Needing extra work in basic language skills, Freshman Literacy students are recommended by their previous year's Language Arts teachers, their standardized test scores, and grades in Language Arts and reading courses. Each Access course is designed to *remediate and accelerate* students' Language Arts, writing and reading skills so that they quickly move to regular level courses. RUSD wants all students to have *access* to post-secondary education and to be successful in their post-secondary educational choices; therefore, the work in Access courses is concentrated on improving language and reading skills.

- Literacy Academy

1. General/Regular Level English Courses

These courses stress writing and reading skills and are designed for the average student.

<ul style="list-style-type: none"> • English 9 • American Literature 10 • World Literature 11 • British Literature 12 	<u>Senior Semester Electives (12)</u> <ul style="list-style-type: none"> • Business English • Literature of Sports • Science Fiction • Literature and Media Studies • Creative Writing • Mystery: Means, Motive, and Opportunity • Contemporary Literature
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2. Advanced English Courses: College Prep Weighted Courses

These courses prepare students with the necessary in-depth skills needed in analysis, writing and literature for successful college work.

<u>Freshman Year</u> Advanced/ Pre-IB English 9 (Case) Advanced/Pre-AP English 9 (Horlick and Park) <u>Sophomore Year</u> Advanced/Pre-AP 10: American Literature (Horlick and Park) / Pre-IB 10: American Literature (Case) Advanced English 10 th (Case) <u>Junior Year</u> Advanced Placement Language and Composition 11 (Horlick and Park) (<i>This is a college level writing course. A "B" in this course receives automatic credit at Gateway.</i>) IB Junior World Literature (Case) Advanced English 11 th (Case)	<u>Senior Year</u> Advanced Placement Literature and Composition 12 (Horlick and Park) IB Senior World Literature (Case) <u>College Prep Senior Electives</u> The following courses have College Prep weight: Writers of Modernism and Postmodernism Shakespeare English Writing and Usage AP Literature & Composition (Offered at Horlick and Park only) (This is a college level writing course. A "B" in this course receives automatic credit at Gateway.)
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3. Enrichment Courses

Acting, Publications Photography, Yearbook Publication, and Newspaper Publication do not fulfill the English requirements. These courses are elective courses.

Course Title	Course No.	Course Prerequisite/Description
9th Grade - All 9th grade courses have a minimum of 50 % writing.		
Literacy Academy 1 English Credit	ELA-02217	<i>Prerequisite: Placement by teacher and counselor.</i> The reading and writing instruction emphasizes skill building. Students work to read and write at a proficient level on standardized tests.
English 9 1 Credit	ELA-02211	<i>Prerequisite: Successful completion of 8th grade English and/or teacher recommendation.</i> This is the English course for students reading and writing at proficient or above on district and state tests.
Adv/PreAP/PreIB English 9: (Horlick, Park, & Case) 1 Credit	ELA-02222	<i>Prerequisite: Successful completion of 8th grade Advanced English, advanced performance on all district and state assessments, and/or teacher recommendation.</i> This is the first course in the PreAP/AP Program at Horlick and Park High Schools and the first course in the PreIB/IB program at Case. Students may subsequently choose to continue in the AP program, the IB program or choose to move to regular level courses.
10th Grade - All 10th grade courses have a minimum of 50% writing.		
English 10: American Literature 1 Credit	ELA-02221	<i>Prerequisite: Successful completion of Literacy and/or a 9th grade English course.</i> Students' writing should be at proficient level on the RUSD writing rubrics. The content of this course is American Literature and analyzes the American Dream. This one-year course develops students' writing and reading skills so that they will be successful in post secondary education of their choice.
Adv. English: Pre-IB American Literature (Case) 1 Credit	ELA-08704*	<i>Prerequisite: Successful completion of Adv. English 9, and reading and writing skills at the Advanced Level, and / or teacher recommendation.</i> This course is a study of American Literature with special emphasis on the skills, background, and authors recommended for successful completion of the IB English program.
Advanced/Pre-AP English 10: American Lit. (Horlick/Park) 1 Credit	ELA-02242*	<i>Prerequisite: Successful completion of Adv. English 9, and reading and writing skills at the Advanced Level.</i> And/or teacher recommendation. This course is a study of American Literature with special emphasis on the skills, background, and authors recommended for successful completion of the Advanced Placement English program.
11th Grade - All 11th grade courses have a minimum of 50% writing.		
English 11 1 Credit	ELA-02231	<i>Prerequisite: Successful completion of a Grade 10 English course.</i> Students need to demonstrate proficiency level in reading and writing. This one-year course examines World Literature. Practice on college placement tests will occur. ACT prep is a part of the curriculum.
Adv. English 11 th : AP Language and Composition (Horlick and Park) 1 Credit	ELA-02244*	<p><i>Prerequisites: <u>Success in previous advanced level or Pre-AP 9th/10th grade English courses</u>, teacher recommendation, and demonstration of advanced level reading and writing skills, based on the RUSD, and AP writing rubrics and standardized district reading tests.</i> This course emphasizes the use of rhetoric in all writing and the analysis of how authors use language to create meaning. The literary content is World Literature.</p> <p>This course is the traditional AP Junior level course. Students will study rhetoric in both fiction and, especially, nonfiction. AP Language and Usage most accurately mirrors first semester freshman college English. AP Language also is the course most useful for students who will become business, engineering, science, and pre-med/law students as the class emphasizes the use of rhetoric in public writing and speaking. Students take the AP Language and Composition exam in May of their junior year.</p> <p>See http://uwhelp.wisconsin.edu/admission/ap.asp for the exact credit given at Wisconsin schools. Gateway gives automatic freshman English credit for success on this exam.</p>
IB Junior World Literature (Case) 1 Credit	ELA-08705*	<i>Prerequisites: Success in previous advanced level/Pre IB English courses, teacher recommendation, and demonstration of advanced level reading and writing skills, based on IB writing rubrics and standardized district reading tests.</i>
IB Extended Essay and Creativity, Action, and Service (CAS) ½ Credit	ELA-02224*	<i>Prerequisite: Successful completion of Sophomore Pre IB or teacher recommendation.</i> The course format and its goal are to promote high-level research and writing skills, intellectual discovery and creativity. It will provide students with an understanding of the extended essay and give them an opportunity to engage in research. The final product will be submitted their penultimate year of the Diploma Programme for external examination. In addition this course will allow time for students to begin the required Full Diploma CAS (Creativity, Action, and Service) including writing reflections and providing evidence, individually as well as in group undertakings, as required by the IB CAS guidelines.
(AS) Advanced Standing	*Weighted Credit	

Course Title	Course No.	Course Prerequisite/Description
IBCP Personal and Professional Skills I ½ Credit Second semester only Case HS	ELA-08729*	Prerequisite: Junior standing. Note: This course is an English elective and does not count toward the 4 credits of English required for graduation. This course is aimed at juniors entering into the IBCP pathway. Students in the Personal and Professional Skills course will focus on five central themes/units: personal development, intercultural understanding, effective communication, thinking processes, and applied ethics. The goal is to offer students the ability to grow as learners in key ways to be able to enter work and/or college careers with the traits and skills needed for success.
Advanced English 11 (Case) 1 Credit	ELA-02243*	Analysis of classical and modern World Literature provides the core of this course. 50% of the course is composition to prepare for college level writing.
12th Grade Access Level - All 12th grade courses have a minimum of 50% writing.		
English 12 1 Credit	ELA-02236	<i>Prerequisite: Successful completion of an English 11 course.</i> Students need to demonstrate proficiency in reading and writing. This one-year course examines British Literature.
12th Grade English Electives Regular Level - ½ credit - All 12th grade courses have a minimum of 50% writing.		
Business English ½ Credit	ELA-02259	<i>Prerequisites: Successful completion of a junior level English course, reading skill at grade level, and proof of consistent writing at the level of Proficiency, Advanced, or Superior on the RUSD/Wisconsin Writing Rubric.</i> This senior elective focuses on oral and written communication skills in the professional and academic world. Students interested in any professional or employment opportunities in business, science, engineering, medicine, and/or technology will practice business communication skills needed in the 21 st century. Application of Microsoft Office programs and Inspirations to create written and oral presentations and products will be embedded in the course.
Contemporary Literature ½ Credit	ELA-02233	<i>Prerequisites: Successful completion of a junior level English course.</i> Students will examine late 20 th century and 21 st century authors through fiction, nonfiction, poetry, and drama. The course themes will explore our shared humanity, the value of listening to all voices, and the need to seek common ground. New concepts, ideas, and techniques unique to this period will be taught.
Creative Writing ½ Credit	ELA-02251	<i>Prerequisites: Successful completion of a junior level English course and/or teacher recommendation.</i> Poetry, nonfiction, short stories, plays, and novels will be studied as genres, and students will write in all genres. The creation of a writing portfolio and performances/exhibition of student writing will be part of the quarter and semester assessment. Students will discover how writing offers an understanding of one's self and how that self relates to the world.
Mystery: Means, Motive and Opportunity ½ Credit	ELA-02237	<i>Prerequisites: Successful completion of a junior level English course and/or teacher recommendation.</i> The course examines the evolution of the mystery. Research is embedded throughout the course. Students will write their own short mystery as part of the course assessments.
Literature of Sports ½ Credit	ELA-02232	<i>Prerequisites: Successful completion of a junior level English course and/or teacher recommendation.</i> The course examines how sports and athletes are a mirror of their societies. Ancient and contemporary sports will be discussed. Research is embedded in the course.
Literature and Media Studies ½ Credit	ELA-02235	<i>Prerequisites: Successful completion of a junior level English course and/or teacher recommendation.</i> This course examines how newspapers, television, radio, film, magazines, books, and electronic communication shape society. Students will produce multi-media projects as part of their course assessments. Research is embedded throughout the course.
Science Fiction ½ Credit	ELA-02234	<i>Prerequisites: Successful completion of a junior level English course and/or teacher recommendation.</i> This one semester course is an analytical and historical exploration of media through the study of literature and the examination of other diversified technologies.
Speech ½ Credit 12	STA-02261	<i>Prerequisite: None.</i> This is a beginning course in principles of oral communication designed to develop confidence and precision through classroom speaking. (May be taken for English credit when not used as an elective credit for another requirement.)
Advanced Placement Literature and Composition 1 Credit	ELA-02247*	<i>Prerequisites: <u>Successful completion of the AP Language and Composition course in 11th grade</u>, demonstration of reading and writing skills commensurate with the work requested of a senior AP student, and/or teacher recommendation.</i> In AP Literature, students analyze and explain how writers of fiction and poetry use rhetorical strategies and elements of fiction to create meaning. They will read, compare, and analyze classical and modern fictional works and poetry. This AP course sharpens critical thinking by asking students to analyze. Students will take the AP Literature and Composition exam in May of their senior year. See http://uwhelp.wisconsin.edu/admission/ap.asp to find the exact number of credits given for success on this exam at Wisconsin public universities. Gateway gives automatic freshman English credit for success on this exam.

Course Title	Course No.	Course Prerequisite/Description
Advanced Placement and International Baccalaureate Classes for 12th Grade		
IB Senior World Literature 1 Credit	ELA-08728*	<i>Prerequisite: IB English Program Language A (Higher Level English) or Advanced English III.</i> This course prepares students for college level work.
College Prep English Electives - All 12th grade courses have a minimum of 50% writing.		
English Writing and Usage ½ Credit	ELA-02248*	<i>Prerequisites: Completion of Adv. English curriculum, demonstration of proficient writing and reading skills, and/or teacher recommendation.</i> Students will use a standard freshman college writing text to complete 6 – 8 essays. Grammar and usage work will come from the students' writings. Gateway gives credit for a "B" or higher. The course replaces first semester English at Gateway.
Writers of Modernism and Postmodernism ½ Credit	ELA-02245*	<i>Prerequisites: Completion of Adv. English curriculum, demonstration of proficient writing and reading skills, and/or teacher recommendations.</i> Students will study late 20 th century and 21 st century fiction, nonfiction, and poetic writers who examine the dilemma of contemporary humankind. Some art appreciation and history will be incorporated into the curriculum. Research during the semester will culminate in an independent project.
Shakespeare ½ Credit	ELA-02246*	<i>Prerequisite: Successful completion of an English III course, demonstration of proficient writing and reading skills, and/or teacher recommendations.</i> Students will examine Shakespeare's idea that "All the world's a stage...." Research during the semester will culminate in an independent project.
Newspaper Publication	ELA-02253	<i>Prerequisite: Advisor and Dept. Chair approval.</i> Students compose and produce the school newspaper. Production includes writing stories, layout, and copyediting. <u><i>This course does not fulfill any English requirement.</i></u>
Yearbook Publication	ELA-02254	<i>Prerequisite: Advisor and Dept. Chair approval.</i> The school yearbook is produced in this course. Students will sharpen their writing skills, artistic sense, and organization skills. <u><i>This course does not fulfill any English requirement.</i></u>
Speech ½ Credit (Grade 12 Only)	STA-02261	Speech may be taken senior year in place of ½ credit of English. It will NOT count as both an English credit and fine arts credit if taken senior year for English credit. This is a beginning course in principles of oral discourse designed to develop confidence and precision in classroom and public speaking. (If this course is taken in 9, 10, or 11 grade, as a fine arts elective credit, it may not be used for an English credit.)
(AS) Advanced Standing	*Weighted Credit	

BILINGUAL/ENGLISH LANGUAGE LEARNER

Sub-chapter VII of Chapter 115 of the Wisconsin Statutes requires a program of Bilingual Education to be offered to students with limited English proficiency whose heritage language is Spanish in Racine Unified.

Students who qualify are to be assigned to the following courses taught by a bilingual teacher. Eligibility Criteria include: (1) English Language Proficiency (ELP) Composite Score of 1.0 through 5.9, (2) no parental refusal on file (see LEP Tab on IC). In addition, and to the greatest extent possible, students should be scheduled into bilingual supported classes in social studies, mathematics and/or science, team taught by a content teacher and a bilingual teacher. Please talk to your counselor, bilingual or ESL teachers for more information.

Course Title	Course No.	Course Prerequisite/Description
English Language Arts (Bilingual) 1 Credit 9, 10, 11, 12	ELA-02200	<i>Grade level 9-12. Prerequisite: Hispanic students, language proficiency levels 1-4. No parental refusal on file.</i> Fulfills one ELA requirement for graduation. This full-year course incorporates all language domains of listening, speaking, reading, and writing. The texts, activities, and assessments have been designed to ensure student growth toward meeting the Common Core State Standards in the areas of reading literature, reading informational text, writing, speaking, listening, and language development. Students will read a variety of both Latin and American literature with an emphasis on textual analysis, including drawing inferences, analyzing main ideas, and distinguishing fact and opinion. Writing, research, vocabulary, and grammar instruction are integrated throughout. Instruction is in the target language of English with Spanish support.
Study Skills (Bilingual) 1 Elective Credit 9, 10, 11, 12	ELA-02198	<i>Grade level 9-12. Prerequisite: Hispanic students, language proficiency levels 1-4. No parental refusal on file.</i> Note taking, outlining, test taking, and time management are some of the study skills included in this course. In addition to basic study skills instruction, students have the opportunity to receive individualized bilingual support in those skills and subjects that present academic problems. Instruction is in the target language of English with Spanish support.

ENGLISH LANGUAGE LEARNER – ENGLISH AS A SECOND LANGUAGE

The English as a Second Language (ESL) Program provides instruction to enable English Language Learners in developing the proficiency and competence needed to successfully participate in the required academic classes in high school and beyond. ESL classes may be taken for elective credit when deemed appropriate or in place of a regular English course. Eligibility Criteria: (1) English Language Proficiency (ELP) Composite Score of 1.0 through 5.9; (2) no parental refusal on file (see IC LEP tab). Please talk to your counselor, bilingual or ESL teachers for more information.

Course Title	Course No.	Course Prerequisite/Description
ESL BEGINNER I 1 Credit 9, 10, 11, 12	ELA-02212	<i>Grade level 9-12. Prerequisite: Meets eligibility criteria of ELP Composite score of 1.0 through 2.9. (No parental refusal on file).</i> Introductory level English course for new entrants based on WAPT or ACCESS for ELLs scores. This entry level course is designed to develop the student's ability to process English in listening, speaking, reading comprehension, writing skills and vocabulary necessary for success in the mainstream classes. It will also develop the student's ability to construct meaningful and grammatically correct sentences and paragraphs referring as much as possible to the familiar experiences of the learner. Instruction is exclusively in the target language of English.
ESL BEGINNER II 1 Credit 9, 10, 11, 12	ELA-02213	<i>Grade level 9-12. Prerequisite: Meets eligibility criteria of ELP Composite score of 2.9 through 3.9. (No parental refusal on file).</i> Upper introductory level English course for ELLs based on based on WAPT or ACCESS for ELLs scores. This level addresses the language needs of beginning students as they adjust to an English-language academic environment in listening, speaking, reading and writing referring as much as possible to the familiar experiences of the learner. A greater emphasis is placed on the pupil to engage their command of vocabulary, sentence patterns and grammar. Instruction is in the target language of English. ELA and content area vocabulary and concepts will be addressed at an appropriate linguistic level. Instruction is exclusively in the target language of English.
ESL INTERMEDIATE 1 Credit 9, 10, 11, 12	ELA-02214	<i>Grade level 9-12. Prerequisite: Meets eligibility criteria of ELP Composite score of 3.5 through 4.5. (No parental refusal on file).</i> Intermediate level English course for ELLs based on based on WAPT or ACCESS for ELLs scores. This course is a bridge between the ELA skills of the beginner courses and advanced level and mainstream courses. This course continues to emphasize skills needed to understand, speak, read and write English. Both vocabulary and grammar are more complex. Sentence context continues to prompt the learner to include more complex structure and add new vocabulary, referring as much as possible to the academic language of the content areas. Instruction is exclusively in the target language of English.

Course Title	Course No.	Course Prerequisite/Description
ESL ADVANCED 1 Credit 9, 10, 11, 12	ELA-02215	<i>Grade level 9-12. Prerequisite: Meets eligibility criteria of ELP Composite score of 4.0 through 5.9. (No parental refusal on file).</i> This course continues to refine English skills needed to understand, speak, read and write academic language. Both vocabulary and grammar are complex. Sentence context continues to prompt the student to include complex structure adding advanced vocabulary, and preparing the learner for the demands of required academic classes in high school and beyond. Instruction is exclusively in the target language of English.
ESL Study Skills 1 Credit 9, 10, 11, 12	ELA-02197	<i>Grade level 9-12. Prerequisite: Non-Hispanic students, language proficiency levels 1-4. (No parental refusal on file).</i> This course teaches the basic study skills no Spanish speaking ELL students need to succeed in their regular courses. In addition, students are helped to apply the skills to assignments from regular classes.

FAMILY AND CONSUMER SCIENCE

Career Clusters: Education & Training, Health Science, Human Services, and Hospitality & Tourism.

Family and Consumer Sciences is the area of study which encompasses career and family elements. Students develop critical thinking, leadership and applied skills in each career pathway.

These course offerings include a two-year Health Youth Apprenticeship program for juniors and seniors and an on-the-job Co-Op program for seniors. By taking a sequence of courses in either food and nutrition or child development, in conjunction with Family and Consumer Science Co-Op, students can attain a skills certificate in Leadership Skills, Food Service, or Child Care Teacher.

All students are encouraged to join one of the two national student leadership organizations – **HOSA** (Future Health Professionals), or **FCCLA** (Family, Career and Community Leaders of America). These Career and Technical Student



Organizations (CTSO) are components of career educational programs, found in middle and high schools throughout Wisconsin that support and enhance school-based and work-based learning. They provide students with skills and knowledge that will help them succeed in the 21st Century global economy. The benefits to students who join a CTSO include: enabling students to achieve high academic and occupational standards, developing meaningful career and skill-developing

partnerships, linking school-based learning to the real world of work and family, motivating youth to become better students and productive citizens, developing school and community leaders, and enhancing student self-esteem and self-confidence. Students are able to participate in leadership labs, volunteering and giving back to the community, as well as local, regional, state, and national competitions.

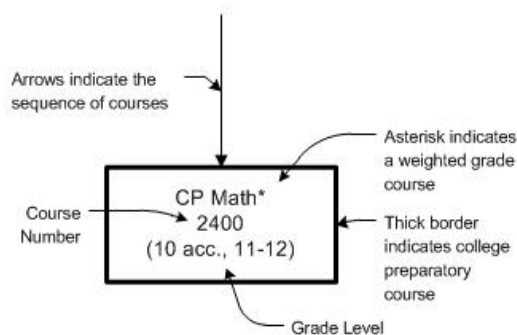
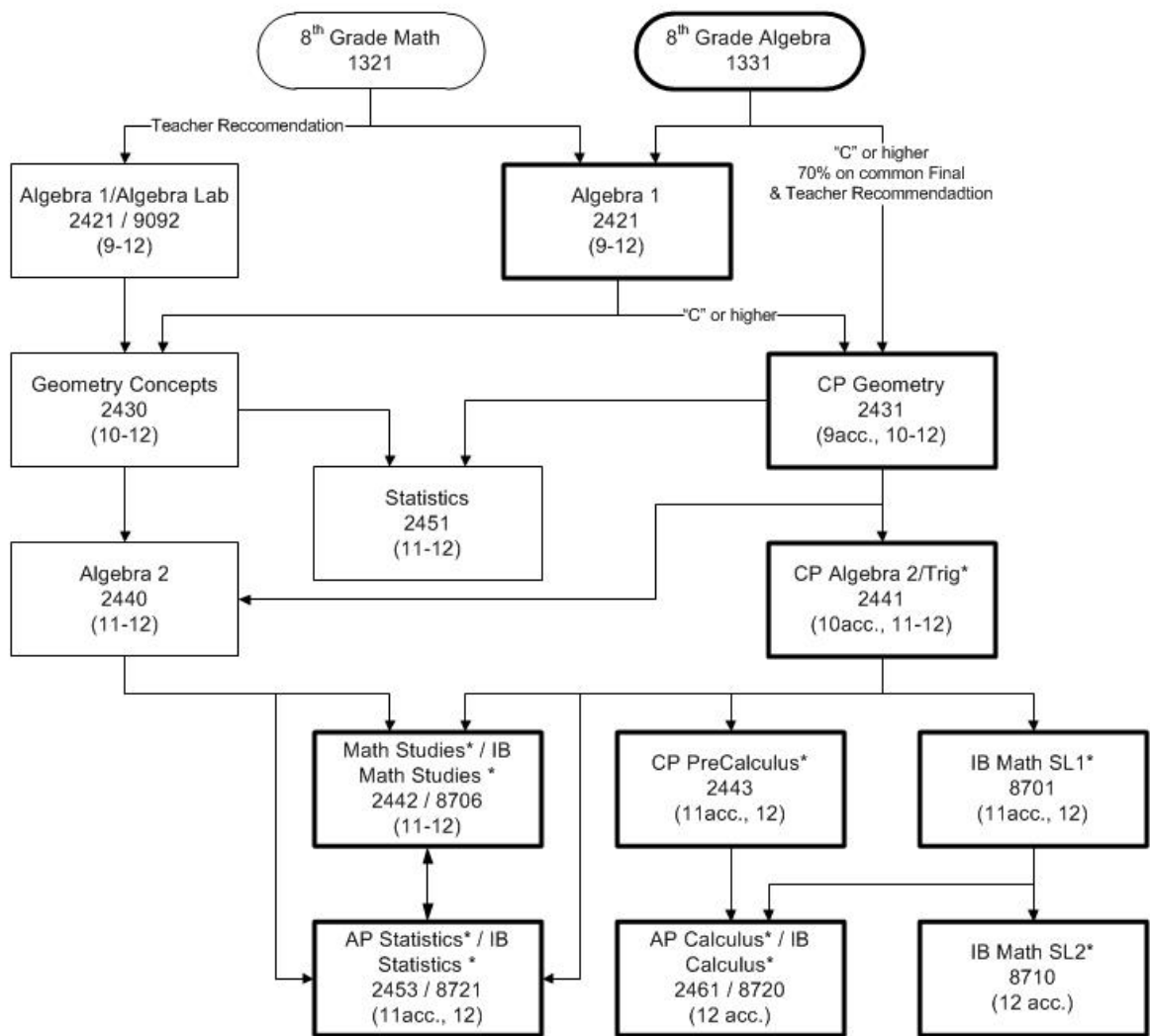
Course Title	Course No.	Course Prerequisite/Description
Child's World (AS) ½ Credit 10, 11, 12	FCE-03621	<i>Prerequisite: None.</i> The focus of this class is for students to study children's physical, intellectual, emotional and social development from conception through adolescence. The students participate in the operation of an on-site preschool for children ages 3-5. Career pathways working with children are explored. Students may earn elective Gateway Technical College credits in the Early Childhood Education program by earning a B grade or better in both Child's World and Assistant Child Care Teacher.
Assistant Child Care Teacher (AS) ½ Credit 11, 12	FCE-03622	<i>Prerequisite: Child's World, 11th or 12th Grade.</i> Students will become familiar with careers in child care. During this course study, students will learn about a child care center, its relationships with staff, child and parents. In addition, they will participate in observations and plan and present age appropriate classroom activities to preschool age children. Other areas of study include classroom management, safety, health and first aid, meals and snacks. Students are required to complete 10 hours of observation in a licensed child care setting and achieve a grade of C or better for certification. Successful completion results in a Wisconsin Assistant Child Care Teacher (ACCT) certification to work as an assistant teacher for pay in a licensed daycare. After meeting the requirements for the ACCT certification, students may apply to be accepted into the State Certified Skills (FCS) Co-op program in Child Care Services. Wisconsin's Skill Standards for Child Services certifies students as a child care teacher. Students may earn elective Gateway Technical College credits in the Early Childhood Education program by earning a B grade or better in both Child's World and Assistant Childcare Teacher.
Clothing and Resources ½ Credit 9, 10, 11, 12	FCE-03631	<i>Prerequisite: None.</i> Clothing is studied relating personality, lifestyles and personal needs. Resources and problems in purchasing ready-made items or when constructing garments are examined. This course is for beginning students and those with little experience in sewing. Quilting and creative projects are included. Fee may be required for projects.

Course Title	Course No.	Course Prerequisite/Description
Textiles and Fashion ½ Credit 10, 11, 12	FCE-03633	<i>Prerequisite: Clothing and Resources</i> The entire textile industry from raw material selection to designing and garment production is studied. Intermediate sewing skills are helpful. Students make a wide assortment of textile products such as pillows, bags, clothing, quilts and accessories. Students may use an embroidery machine for projects. Many school to work skills are explored and developed. The clothing and textiles industry has high demand for creative individuals with sewing and design skills. Fee may be required for projects.
Advanced Clothing Techniques ½ Credit 10, 11, 12	FCE-03634	<i>Prerequisite: Textiles and Fashion.</i> This course is for students who have previous sewing experience. Students may select projects for the home, themselves, or others. Fee may be required for projects.
Basic Clothing Techniques ½ Credit 9, 10, 11, 12	FCE-03635	<i>Prerequisite: Teacher Placement.</i> This course is for beginning students and those with little or no sewing experience. Sewing activities will vary according to skill level. Course may be repeated. Fee may be required for projects.
Culinary Arts 1 (AS) ½ Credit 9, 10, 11, 12	FCE-03641	<i>Prerequisite: None.</i> Students learn basic food preparation as it relates to nutrition and the Choose MyPlate Guidelines. Basic equipment and food preparation skills are developed. In addition to the lab experiences, students will learn through written and other media sources. Careers in food service will be explored. Students will start working on a food service Wisconsin Skill Certificate in this course. Students may earn Gateway Technical College credits with a B grade or better. Fee may be required.
Culinary Arts 2 (AS) ½ Credit 10, 11, 12	FCE-03642	<i>Prerequisite: Culinary Arts 1.</i> Builds upon the foundations mastered in the Culinary Arts I course. This course allows students to take a more sophisticated look at foods. Students deal with different types of meat, fish, and poultry. Different cuisines are studied from around the world. Progress can be made toward a Wisconsin Skill Certificate in Food Service. Fee may be required. Students may earn Gateway Technical College credits with a B grade or better in this course.
Culinary Arts 3 (AS) ½ Credit 10, 11, 12	FCE-03643	<i>Prerequisite: Culinary Arts 2.</i> Food Science, sensory evaluation (taste), food safety, food sanitation and innovative food product development is the focus of this course. Learn the connection between food and science. This knowledge is used daily in food production. Students can earn the “Serve Safe” certificate (sponsored by the Restaurant Association) in this class. Progress can be made toward a Wisconsin Skill Certificate in Food Service. A fee may be required. Check with Dept. for Food Science Equivalence/Advance Standing.
Culinary Arts 4 & 5 (AS) 1 Credit 11, 12	FCE-03644	<i>Prerequisite: Culinary Arts 3.</i> An in-school restaurant is the focus of this double-period, one-semester course. It is designed to give students diverse hands-on activities in quantity cookery and exposure to entry-level jobs in restaurant operations. Progress can be made toward a skills certificate in Food Service and advanced placement at Gateway Technical College can be achieved. Fee may be required. Students may earn Gateway Technical College credits with a B grade or better. A fee may be required.
Basic Foods ½ Credit 9, 10, 11, 12	FCE-03645	<i>Prerequisite: Teacher Placement.</i> This course is for beginning students and those with little to no culinary skills. Culinary activities will vary according to skill level. Course may be repeated. A fee may be required.
Family Living and Parenting ½ Credit 10, 11, 12	FCE-03651	<i>Prerequisite: None.</i> Personal and family issues are explored including dating, marriage, parenting, divorce and family crisis. Course is excellent preparation for students interested in a career in family counseling.
Independent Living and Money Management ½ Credit 10, 11, 12	FCE-03654	<i>Prerequisite: None.</i> This course is designed to examine the challenges students will face living on their own. Topics may include housing options, include personal finance, career options, consumer decision making, food preparation, interior design, and clothing care. Innovative hands-on activities allow students to apply their knowledge of consumer life skills. Students will learn through written and other media sources. A foods lab fee may be required.
Basic Independent Living ½ Credit 9, 10, 11, 12	FCE-03655	<i>Prerequisite: Teacher Placement.</i> A broad scope of activities to meet the independent living needs. It covers apartment living, economic necessities, and survival skills in foods, clothing, home management, human relationships, employment and budgeting. Course may be repeated.
Medical Terminology ½ Credit 10, 11, 12	FCE-03661	<i>Prerequisite: None.</i> This course is designed for students interested in pursuing careers in the medical field. Students learn medical terminology which will enhance communication skills for all health-related careers. Training includes CPR certification. HOSA Future Health Professionals leadership organization membership is encouraged. Fee required for CPR training. Recommended for students interested in the Health Youth Apprenticeship program.
Health Careers ½ Credit 10, 11, 12	FCE-03662	<i>Prerequisite: None.</i> An introduction to health related careers including therapeutic, diagnostic, informational and environmental health career_clusters. Guest speakers give insight into health careers. Includes first aid training. HOSA Future Health Professionals leadership organization membership is encouraged.

Course Title	Course No.	Course Prerequisite/Description
Language of Medicine (AS) ½ Credit 11, 12	FCE-03663*	<i>Prerequisite: Medical Terminology.</i> This class is designed to teach medical terminology within the body systems. Building on the knowledge from beginning medical terminology, an emphasis is placed on anatomy and diseases of the body. Class work includes CD-ROM activities, videos, and worksheets. Students participate in an Anatomy In Clay lab, a hands-on activity for students to build body systems in clay using a 30" skeleton. This class is articulated for college credits. There is a lab/book fee for this class. Students may earn elective Gateway Technical College credits with a B grade or better in this course.
Health Occupations Training I 1 Credit 11-12	FCE-03666	<i>Prerequisite: Department Approval. Grades 11-12 entry only with concurrent enrollment in Health Youth Apprenticeship I.</i> An application must be filled out and approved before scheduling this course. The apprenticeship is a one or two-year program that provides instruction through classroom and work experience. The school, a medical facility and the student form a partnership. The end result for the student is state certification in the HYA which will be a valuable asset for students entering any health-related field. This year-long course provides a link between the business/school partnerships, reinforces skills learned at the work site, develops leadership and includes basic anatomy and physiology information. Training includes CPR and First Aid certification. Fee required for HOSA Future Health Professionals leadership organization.
Health Youth Apprenticeship I 2 Credits 11-12	FCE-03667	<i>Prerequisite: Department Approval. Grades 11-12 entry only with concurrent enrollment in Health Occupations Training I.</i> Students may be trained to be Certified Nursing Assistants (CNA's take care of patients' needs). Other opportunities may include vision, dental, pharmacy, veterinary, etc. After successfully completing the training, they work in a medical facility as a paid employee. The competencies learned in this yearlong course focus on client care, certification in taking blood pressure, professional CPR and office skills. The state standardized CNA test fee is the responsibility of the student and/or family. <i>Credits at UW System Schools available.</i> Upon completion of the two-year Health Youth Apprenticeship program, students will be eligible for advanced standing credits at a Wisconsin Technical College offering a health-related associate degree.
Health Occupations Training II 1 Credit 12	FCE-03668	<i>Prerequisite: Health Occupations Training I. Grade 12 only with concurrent enrollment in #3669.</i> This classroom course is the second year of the HYA program. Students will broaden their experiences in the health field, continue leadership development through work and the HOSA Future Health Professionals organization, and master the competencies required for the HYA state certification. HOSA Future Health Professionals membership fee required.
Health Youth Apprenticeship 2 Credits 12	FCE-03669	<i>Prerequisite: Health Youth Apprenticeship I. Grade 12 only with concurrent enrollment in #3668.</i> The student will be trained at local medical facilities. Advanced training will take place to meet the competencies required for the HYA state certification. Any additional related training that requires a fee is the responsibility of the student and/or family. Upon completion of the two-year Health Youth Apprenticeship program, students will be eligible for advanced standing credits at a Wisconsin Technical College offering a health-related associate degree.
World of Work – Family and Consumer Science 1 Credit 12	FCE-03676	<i>Prerequisite: Department Approval. Grade 12 only with concurrent enrollment in #3677.</i> An application must be filled out and approved before scheduling. This classroom course teaches the student employability skills for jobs related to Family and Consumer Science. This course is taken at the same time students are in the Family and Consumer Science Co-op program. Topics studied include job applications, resumes, interviews, income taxes, and equity and work relationships. Fee is required for Family, Career, and Community Leaders of America (FCCLA) membership. Skill Certificate in Leadership Skills, Food Service, and Child Care can be achieved.
Family and Consumer Science Co-op 2 Credits 12	FCE-03677	<i>Prerequisite: Department Approval. Grade 12 only with concurrent enrollment in #3676.</i> An application must be filled out and approved before scheduling. This course is a partnership between the school and local businesses. It introduces 12 th graders to employment opportunities and offers on-the-job experience in a family service-related occupation. Students must have successfully completed one or more courses in the department for admission. Students are required to join the Family, Career, and Community Leaders of America (FCCLA) leadership organization (fee required).
MINI COURSES	Course No.	Course Prerequisite/Description
Home Design (Park only) ¼ Credit 10, 11, 12	FCE-09063	<i>Prerequisite: None.</i> Students relate aspects of home design using articles such as furniture, appliances, utensils, linens, table appointments, fabrics and accessories. Students study floor plans, traffic patterns, color schemes and lifestyles.
Being a Parent (Park and Case only) ¼ Credit 10, 11, 12	FCE-09064	<i>Prerequisite: None.</i> Students explore and analyze their own readiness, responsibilities and choices for the role of parenting. Decisions that confront parents and children throughout the family cycle are examined. Coping strategies for single parents or nuclear families are explored.

LIBRARY SCIENCE

Course Title	Course No.	Course Prerequisite/Description
Library Science ½ Credit 11, 12	LIB-02282	<i>Prerequisite: Approval of Instructor.</i> Students will gain working knowledge of library resources and services needed to assist classes and individuals in using the library as well as performing specific library/media operations and management functions.
(AS) Advanced Standing	*Weighted Credit	



All 9th, 10th and 11th grade students must be enrolled in a math course

Three (3) credits minimum graduation requirements.

Math credit cannot be earned for both of the paired courses below. If a student chooses to take both courses in a pair, one course will be counted as an elective credit.

- ✓ Statistics (2451) and AP Statistics (2453)
- ✓ Geometry (2430) and CP Geometry (2431)
- ✓ Algebra 2 (2440) and CP Algebra 2/Trig (2441)

MATHEMATICS COURSES

Course Title	Course No.	Course Prerequisite/Description
Math Lab 1 elective credit 9-12	MTH-09092	<i>Prerequisite: Teacher recommendation.</i> This course is designed to give students who would struggle in a faster paced Algebra 1 class the support they need to be successful. Each student will be required to own a scientific calculator.
Algebra 1 1 Credit 9, 10, 11, 12	MTH-02421	<i>Prerequisite: Teacher recommendation.</i> Algebra 1 is a first year high school course in college preparatory mathematics. Topics include using signed numbers and variables to write and manipulate mathematical expressions, equations, formulas and functions to solve problems, as well as some topics from geometry, probability, and statistics. Each student will be required to own a scientific calculator.
Geometry Concepts 1 Credit 10, 11, 12	MTH-02430	<i>Prerequisite: Algebra 1 (2421) Not open to 9th grade students.</i> This course deals with properties of plane and solid figures. It helps to develop logical thinking processes, an understanding of methods of proof, and the precise use of language. The student taking this course would normally not be planning to take high school calculus. The normal sequence would be to take Algebra 2 (2440) after this course. Each student will be required to own a scientific calculator.
CP Geometry (AS) 1 Credit 9 acc., 10, 11, 12	MTH-02431	<i>Prerequisite: A C or higher in Algebra 1 (2421) or a C or higher-class grade with a C or higher on a common final assessment in 8th Grade Algebra (1331).</i> This college-preparatory course deals with properties of plane and solid figures. It helps to develop logical thinking processes, an understanding of methods of proof, and the precise use of language. Students may take CP Geometry (2431) and CP Algebra 2-Trig. (2441) concurrently, with department head approval. Each student will be required to own a scientific calculator.
Algebra 2 1 credit 10, 11, 12	MTH-02440	<i>Prerequisite: Geometry (2430) or CP Geometry (2431).</i> This course deals with intermediate topics in Algebra and an introduction to Trigonometry. The student taking this course would normally not be planning to take high school calculus. Each student will be required to own a scientific calculator.
CP Algebra 2 – Trig (AS) 1 Credit 10 acc., 11, 12	MTH-02441*	<i>Prerequisite: A C or higher in CP Geometry (2431).</i> This college preparatory course deals with intermediate topics in Algebra and provides a foundation in Trigonometry. Students may take CP Geometry (2431) and CP Algebra 2-Trig (2441) concurrently with department head approval. Each student will be required to own a scientific calculator but a graphing calculator is highly recommended.
Math Studies 1 Credit 11, 12 only	MTH-02442*	<i>Prerequisite: Algebra 2 (2440) or CP Algebra 2-Trig (2441).</i> This course is recommended for students who are planning on a course of study geared towards the liberal arts. It concentrates on math that can be applied to real world situations at home, work, and leisure, and includes a project involving a math investigation, research, evaluation, analysis, and written work. Math topics include algebra, logic, probability, statistics, geometry, trigonometry, calculus, and financial math. A graphing calculator is strongly recommended.
CP Precalculus (AS) 1 Credit 11 acc., 12	MTH-02443*	<i>Prerequisite: CP Algebra 2-Trig. (2441).</i> This course is recommended especially for students preparing for math-related careers in such areas as science, engineering and business. Each student will be required to own a graphing calculator.
Statistics 1 Credit 11, 12	MTH-02451	<i>Prerequisite: Geometry (2430).</i> In this course, students learn how information is gathered, organized and analyzed by the use of statistical methods. All probability and statistics topics from the RUSD standards are covered extensively in this course. Each student will be required to own a scientific calculator with 2-variable statistical functions.

Course Title	Course No.	Course Prerequisite/Description
AP Statistics (AS) 1 Credit 11 acc., 12	MTH-02453*	<i>Prerequisite: Algebra 2 (2440) with teacher recommendation or CP Algebra 2-Trig (2441).</i> This course covers all of the topics of Statistics (2451), as well as all of the topics required by the College Board for AP Statistics, which encompasses the following themes: exploratory analysis, planning and conducting a study, probability, and statistical inference. Computers and graphing calculators will be used extensively. Each student will be required to own a computer storage device and a graphing calculator with statistical functions.
AP Calculus AB (AS) 1 Credit 11, 12	MTH-02461*	<i>Prerequisite: CP/IB Precalculus (2443 or 8701).</i> This full-year course is equivalent to the first semester of college calculus. All of the topics required by the College Board for AP Calculus are covered. After satisfactory final exam results, a certificate for five UW-Madison credits is issued. College credit <u>may</u> also be earned based on the AP Calculus exam, college credit exams, or at a college which honors the UW certificate. Each student will be required to own a graphing calculator.
IB Math SL 1 (Case) (AS) 1 Credit 11 acc., 12	MTH-08701*	<i>Prerequisite: CP Geometry (2431) and CP Algebra 2-Trig. (2441).</i> This course covers all the topics of CP Precalculus (2443), as well as additional topics from the IB subsidiary-level curriculum. Topics include functions, sequences, series, exponential and logarithmic functions, matrices and trigonometry.
IB Math SL 2 (Case)	MTH-08710*	<i>Prerequisite: IB Math SL 1.</i> This course covers the topics of vectors. The course is for students who need a mathematical background to prepare for future studies in subjects such as chemistry, economics, psychology, and business administration. Each student will be required to own a graphing calculator.
IB Math Studies 1 (Case)	MTH-08706*	<i>Prerequisite: Algebra 2 (2440) or CP Algebra 2-Trig (2441)</i> This course is designed to meet the math requirement of the IB diploma. It is recommended for students who are planning on a course of study geared towards the liberal arts. It concentrates on math that can be applied to real world situations at home, work, and leisure, and includes a project involving a math investigation, research, evaluation, analysis, and written work. Math topics include algebra, logic, probability, statistics, geometry, trigonometry, calculus, and financial math. A graphing calculator is strongly recommended.
IB Math Studies 2 (Case)	MTH-08707*	<i>Prerequisite: Algebra 2 (2440) or CP Algebra 2-Trig (2441)</i> This course is designed to meet the math requirement of the IB diploma. It is recommended for students who are planning on a course of study geared towards the liberal arts. It concentrates on math that can be applied to real world situations at home, work, and leisure, and includes a project involving a math investigation, research, evaluation, analysis, and written work. Math topics include use calculus, probability, statistics and IB Internal Assessment Project. A graphing calculator is strongly recommended.
IB Calculus (Case) (AS) 1 Credit 12 acc.	MTH-08720*	<i>Prerequisite: CP/IB Precalculus (2443 or 8701).</i> This course covers all the topics of AP Calculus (2461), as well as additional topics from the IB subsidiary-level curriculum. After satisfactory final exam results, a certificate for five UW-Madison credits is issued. College credit <u>may</u> also be earned based on the IB Calculus exam, college credit exams, or at a college which honors the UW certificate. Each student will be required to own a graphing calculator.
IB Statistics (Case) (AS) 1 Credit 11 acc., 12	MTH-08721*	<i>Prerequisite: Algebra 2 (2440) with teacher recommendation or CP Algebra 2-Trig. (2441).</i> This course covers all the topics of Statistics (2451), as well as appropriate topics from the IB subsidiary level curriculum. Computers and calculators will be used extensively. Each student will be required to own a computer storage device and a graphing calculator with statistical functions.
(AS) Advanced Standing	*Weighted Credit	

MUSIC

The Music Department has extensive offerings in vocal and instrumental music in addition to theory and general music courses. Although there is no specific music graduation requirement, music is one of the three areas by which a student may satisfy the ½ credit requirement in Fine Arts.

NOTE: Weighted Concert Choir, Vocal Ensemble, Band 3, Orchestra and Jazz Ensemble 2 can each be taken for weighted credit only once during Grade 11 or Grade 12.

Course Title	Course No.	Course Prerequisite/Description
General Music ½ Credit 9, 10, 11, 12	MUS-02510	<i>Prerequisite: None.</i> Through participation and study, pupils develop basic musical skills and insight into the art of music.
Theory 1 Horlick and Park only ½ Credit 9, 10, 11, 12	MUS-02540	<i>Prerequisite: Department Approval.</i> A study of the fundamentals of music and chord structure. Includes study of scales, intervals, keys, rhythms and ear training.
Theory 2 Horlick and Park only ½ Credit 9, 10, 11, 12	MUS-02541*	<i>Prerequisite: Department Approval.</i> Continuation of the study of music fundamentals of Theory 1. Includes harmonizing of secondary chords, cadences and simple modulation.
Theory 3 Horlick and Park only ½ Credit 10, 11, 12	MUS-02542*	<i>Prerequisite: Department Approval.</i> Continuation of the study of music fundamentals of Theory 2. Study of instruments, scoring and basic instrumental forms.
Theory 4 Horlick and Park only ½ Credit 10, 11, 12	MUS-02543*	<i>Prerequisite: Department Approval.</i> Continuation of Theory 3. Includes conducting musical styles and periods and exposure to 20 th Century techniques.
Women's Chorale 1 Credit 10, 11, 12	MUS-02514	<i>Prerequisite: Department Approval.</i> For soprano and alto singers desiring to learn advanced choral literature and improve skills in sight-reading, music theory and keyboard.
Men's Chorale (Tenor-Bass) 1 Credit 9, 10, 11, 12	MUS-02515	<i>Prerequisite: Department Approval.</i> For tenor and base singers desiring to learn advanced choral literature.
Chorus 1 1 Credit 9, 10, 11, 12	MUS-02512	<i>Prerequisite: None.</i> Fundamental training in choral techniques, keyboard skills, music theory and sight-reading.
Chorus 2 1 Credit 10, 11, 12	MUS-02513	<i>Prerequisite: Department Approval.</i> A more in-depth approach to choral singing.
Concert Choir 1 Credit 10, 11, 12	MUS-02519 MUS-02520*	<i>Prerequisite: Department Approval.</i> An advanced choir giving students a broad experience in singing the best in choral literature.
Swing Choir 1 Credit 10, 11, 12	MUS-02516	<i>Prerequisite: Department approval.</i> This course allows students to learn jazz and popular forms of music through singing and movement. Students receive intermediate training in keyboarding skills, music theory and sight -reading. Students must be enrolled in-either band, choir or orchestra to participate (unless there is a schedule conflict with a required class for graduation).
Vocal Ensemble 1 Credit 10, 11, 12	MUS-02517 MUS-02518*	<i>Prerequisite: Department approval.</i> This course is for vocal students wanting an in-depth experience in small ensemble performances. Performance opportunities may include Madrigal, Mastersinger, Vocal Jazz and others. Students must be enrolled in-either band, choir or orchestra to participate (unless there is a schedule conflict with a required class for graduation).

Course Title	Course No.	Course Prerequisite/Description
Instrumental Ensemble Park only ½ Credit 9, 10, 11, 12	MUS-02544	<i>Prerequisite: Department Approval.</i> For instrumental students. In-depth experiences in small ensemble performance. Duets to double quartets will be group size.
Orchestra 1 Credit 9, 10, 11, 12	MUS-02531 MUS-02532*	<i>Prerequisite: Department Approval.</i> Meaningful experience through playing advanced orchestral literature.
Band 1 1 Credit 9, 10, 11	MUS-02533	<i>Prerequisite: Department Approval.</i> Offers further growth experience to students who have participated in middle school band.
Band 2 1 Credit 9, 10, 11, 12	MUS-02534	<i>Prerequisite: Department Approval.</i> Experience in advanced band-playing skills.
Band 3 1 Credit 9, 10, 11, 12	MUS-02535 MUS-02536*	<i>Prerequisite: Department Approval.</i> Further experience in more advanced band-playing skills.
Jazz Ensemble 1 1 Credit 9, 10, 11, 12	MUS-02537	<i>Prerequisite: Department approval.</i> This course is an introductory study of jazz, rock and swing performance. Beginning improvisation is offered. Students must be enrolled in-either band, choir or orchestra to participate (unless there is a schedule conflict with a required class for graduation or the only instrument you play is an electric bass, piano or guitar).
Jazz Ensemble 2 1 Credit 9, 10, 11, 12	MUS-02538 MUS-02539*	<i>Prerequisite: Department approval.</i> An advanced continuation of jazz studies and experiences of the Jazz Ensemble. Emphasis based on performance and improvisation. Students must be enrolled in-either band, choir or orchestra to participate (unless there is a schedule conflict with a required class for graduation or the only instrument you play is an electric bass, piano or guitar).
Percussion Ensemble ½ Credit 9, 10, 11, 12	MUS-02551	<i>Prerequisite: Department Approval.</i> Percussion techniques and materials. Solo and ensemble performance.
Optional Music Opportunities ½ Credit 9, 10, 11, 12	MUS-02550	<i>Prerequisite: None.</i> An alternative for students who have not previously sung or played an instrument in a school ensemble.
(AS) Advanced	*Weighted Credit	

PHYSICAL EDUCATION

The Physical Education program at the high school level provides a format for the greater development of personal health and fitness knowledge as well as individual and team skills. Students will be challenged at each level to increase their personal well-being.

Racine Unified School District physical education requires all students pass three semesters of physical education in order to satisfy the one and one-half credits required for graduation. All students will begin their physical education coursework at the ninth grade level with Fitness for Life. Following Fitness for Life, students must take two different Physical Education 10 through 12 courses. When students have completed their required credits, they may take additional physical education courses as an elective to meet their total number of graduation credits. Students may not retake a grades 10-12 physical education course for additional elective credit.

Students are required to have the appropriate physical education clothing including footwear for safe participation in class activities. Students will also need a combination lock or key lock for their locker room storage. Since some classes will be outside during the cool weather, it is strongly recommended that students have some type of warm-up or sweat suit to go over their workout clothing. Also, students participating in a swimming class must provide their own swimsuit and towel every day for the length of the class.

Course Title	Course Number	Course Prerequisites/Description
Physical Education 9: Lifetime Fitness 1 ½ Credit 9	PHY-04308	<i>Prerequisite: None.</i> This course will help students decide which types of physical activities are needed to prepare for a safe and smart lifestyle. Students will learn about each type of physical fitness and the link between physical activity and other healthy lifestyle choices that improve their health and wellness. Furthermore, students will learn how to plan a personal physical activity program that will improve their current fitness and promote fitness throughout life. The goal of this course is to help students to become an informed consumer who can make informed and effective decisions about fitness, health, and wellness.
Physical Education 9: Lifetime Fitness 1 Make Up ½ Credit 10,11,12	PHY-04313	<i>Prerequisite: None.</i> This course is for students in grade 10-12 who have not passed the Fitness for Life course in grade 9.
Physical Education 10-12: Lifetime Fitness 2 ½ credit 10, 11, 12	PHY-04307	<i>Prerequisite: None.</i> This course is a non-traditional physical education course. Students will participate in lifetime fitness activities. Such as: power walking, Pilates, yoga, Zumba, aerobics, archery, core training, personal fitness assessment, fitness videos and water aerobics. Students will design their own fitness program at the end of this course.
Physical Education 10-12: Beginner Strength Training ½ Credit 10, 11,12	PHY-04309	<i>Prerequisite: None.</i> The beginner strength and conditioning course is designed to support students working towards personal physical fitness in areas such as strength, flexibility, explosive power, agility, aerobic and anaerobic endurance, core training, speed and acceleration. Students will learn how to properly lift weights in a safe manner, as well as develop a semester-long strength training and conditioning program. In this individualized workout program, each student will enhance his or her knowledge of training techniques, enhance their respective levels of physical fitness, and gain the knowledge and skills concerning strength and conditioning that will propel them to participate in related activities throughout their lifetime.
Physical Education 10-12: Advanced Strength Training and Conditioning ½ Credit 10,11,12	PHY-04310	<i>Prerequisite: Physical Education 10-12: Beginner Strength Training.</i> In this class, students will create and complete two 8 week workout plans. Plans will incorporate weights training along with speed and agility work, with assessments after each 8 weeks to track growth and progress. Students will set goals and have to adjust their training regimen according to their progress completing those goals.
Physical Education 10-12: Competitive Games 1 ½ credit 10, 11, 12	PHY-04311	<i>Prerequisite: None.</i> This class focuses on those competitive games with limited physical contact among players. Games played in this course will include volleyball, badminton, ultimate Frisbee, flicker-ball, softball, kickball, and a personal fitness assessment activity.
Physical Education 10-12: Competitive Games 2 ½ credit 10, 11, 12	PHY-04312	<i>Prerequisite: None.</i> This course focuses on those competitive games where physical contact between students may occur. Games played will include basketball, football, rugby, floor hockey, dodge ball, and a personal fitness assessment activity.

Physical Education 10-12: Extreme Cardio ½ credit 10, 11, 12	PHY-04314	<i>Prerequisite: None.</i> This high intensity cardio class is designed to support students in building up their stamina. The course is ideal for athletes including runners and swimmers, as well as anyone wanting to build their endurance and get in great shape! Use of cardio workouts (running stairs, circuits, timed mile run) and popular high intensity training videos will be incorporated into the lessons.
Physical Education 10-12: Individual/Partner Sports ½ credit 10, 11, 12	PHY-04315	<i>Prerequisite: None.</i> This class focuses on low-impact individual or two-person sports. Sports played will include badminton, golf, tennis, archery, table tennis, swimming, pickle-ball, outdoor leisure games, personal fitness workout videos, and individual fitness assessment activities.
Physical Education 10-12: Lifeguarding ½ credit 10, 11, 12	PHY-04316	<i>Prerequisites: 1. Lifeguard candidates must be able to swim 300 yards using the following strokes in this order: 100 yards of front crawl using rhythmic breathing and a stabilizing, propellant kick; 100 yards of breaststroke; and 100 yards of either or a mixture of these 2 strokes. 2. Treading water using legs only for 2 minutes. 3. Complete the following timed event within 1 minute & 40 seconds: Swim 25 yards using front crawl or breaststroke, surface dive to a depth of 10 feet to retrieve a 10 pound brick, swim back 25 yards to the starting point on their back with both hands on the brick, and exit the pool without using the ladder or steps.</i> Course Fee: \$125.00 (non-refundable after pre-course test is passed): All students must pay the course fee, it will not be waived. Fees are due by the end of the 2nd week of class and are non-refundable even if a student does not meet the requirements to be certified. This course is designed for students to become trained lifeguards. To complete this training, students will have full class periods in the water and other class periods in the classroom. Attendance is mandatory as Red Cross specifies that students complete 32 hours of coursework during scheduled class time. Skills developed in this class help students to recognize and prevent injuries. Students will be trained in rescue skills on land and in the water, and also in First Aid and CPR. Certification is based on attendance and skill/written test completion. Written test must be passed with a 80% or better to become certified. This certification is good for 2 years.
Physical Education 10-12: Olympic Strength Training ½ credit 10, 11, 12	PHY-04317	<i>Prerequisite: Beginner Strength Training</i> Students will go through two weight training programs during this class. Students will use percentages to achieve their maximum potential in each lift. Students will learn Olympic lifts and breaking down their technique to rebuild and become a more explosive athlete. This class is focused toward students who want to maximize their physical talents and abilities. Students will learn to recognize dietary needs to promote muscle growth, and techniques related to competitive power lifting.
Physical Education 10-12: Swintastic ½ credit 10, 11, 12	PHY-04318	<i>Prerequisites: Students enrolling in this class must be comfortable in deep water; be able to tread water for 2 minutes, swim 100 yards without stopping; and be willing to jump head first off a diving board.</i> This class focuses on water games, springboard diving techniques, water aerobics, snorkeling, and kayaking and water safety.

HEALTH EDUCATION

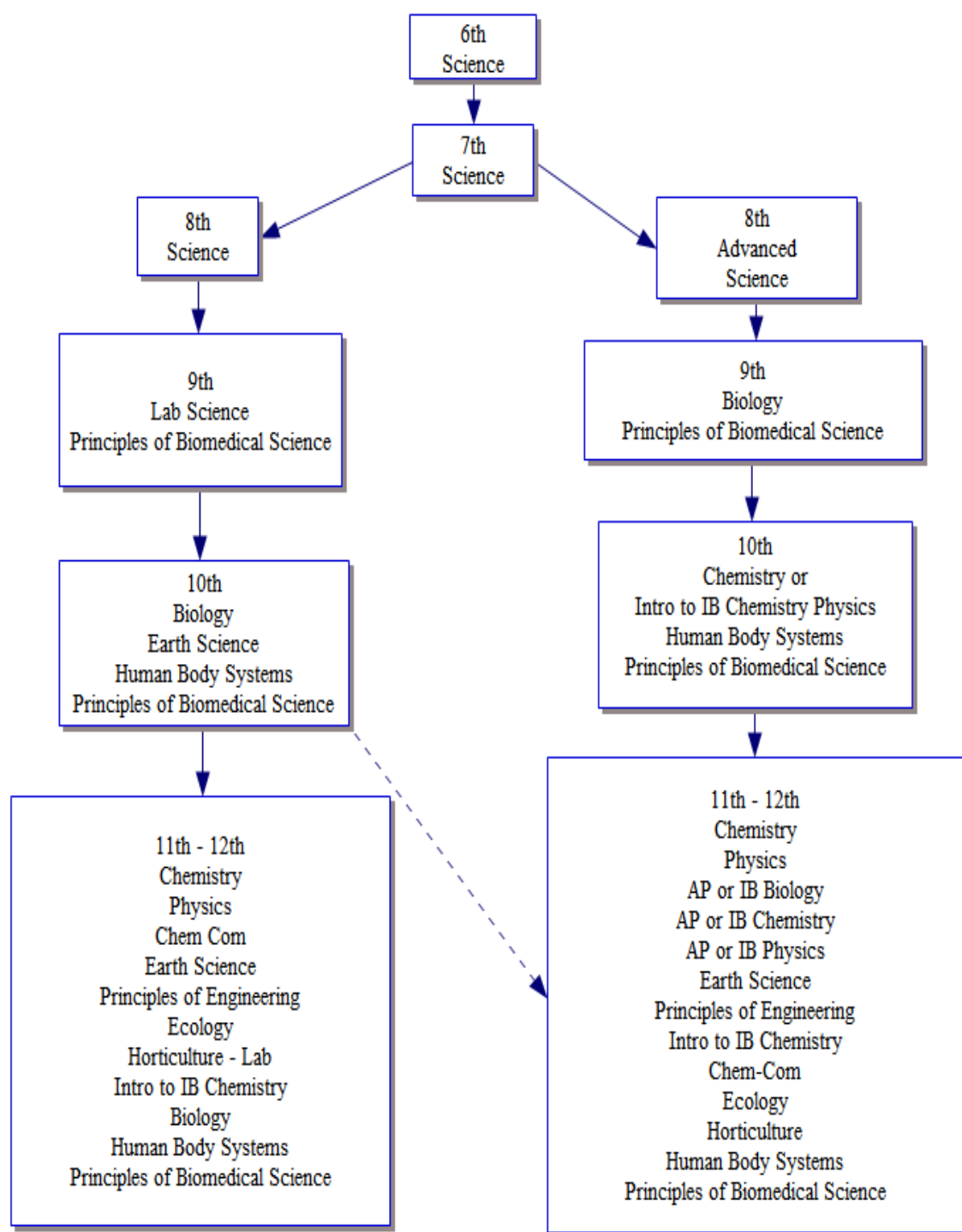
The health education course is required for all ninth grade students in order to satisfy the ½ credit graduation requirement in health education. The Racine Unified School District in compliance with State Statue 118.019(4) allows a student to be exempt from “Family Life and Human Sexuality” unit in health education. No student may be required to take instruction in FLHS if a parent/guardian files a written request form TCG-PEH-10 for the student to be exempt. Upon approval from the Coordinator of Physical Education and Health PK-12, a confirmation letter will be sent to the parent/guardian, principal, counselor and teacher. In place of the FLHS unit, of the class, the student will be assigned grade appropriate health-related assignments from the teacher.

Course Title	Course Number	Course Prerequisite/Description
Health Education ½ Credit 9	HEA-04314	<i>Prerequisite: None.</i> This semester course deals with decision-making that is related to health and wellness concepts. Included are a wide variety of topics such as, mental health, family and social health, life cycle, body systems, family life and human sexuality, personal health and physical fitness, nutrition, medicine and drugs, disease and disorders, death, community and environmental health, consumer health, safety and emergency care.
Health Education ½ Credit 10,11,12	HEA-04315	<i>Prerequisite: None.</i> This course is for students who have not passed the REQUIRED Health Education required course #4314.



Racine Unified School District

Recommended Sequence of Science Courses



* All students are required to take science in grade 9 and 10. Note: IB courses at Case only; AP at Horlick, Walden III, and Park.

SCIENCE

Career Clusters: Agriculture, Food & Natural Resources; Architecture & Construction; Health Science; and Science, Technology, Engineering & Mathematics.

Science must be taken in 9th, 10th and 11th grades. A *minimum* of three credits of science is required for graduation from high school. Students should keep in mind that most colleges and universities now recommend four years of science for admission. Some colleges and universities are also very specific regarding what those courses should be. Students may wish to consult with their counselor regarding the requirements of the colleges they are interested in attending.

It is important to note that, while the district and state science standards are covered in the 9th, 10th and 11th grade science courses, students will find it advantageous regardless of their future plans to take as much science as possible.

Ninth grade students are placed in one of two courses: 9th Grade Lab Science (2613), or Biology (2622). Placement is determined by achievement levels in 8th Grade science courses. Ninth grade Lab Science is for students who completed 8th Grade science. Biology is for students who have successfully completed 8th Grade Advanced Science.




NOTES:

- No courses taken in middle school earn high school credit, therefore, Accelerated 8th Grade Science does not earn high school credit. These students, however, can take Biology in Grade 9 and continue acceleration through the sequence of high school science courses.
- See the Advanced Placement (AP) or International Baccalaureate (IB) sections for more complete descriptions of AP or IB science courses.
- Students can earn credit for both Physics (2641) and AP Physics (2642) or IB Physics, but only when taken in that order. No credit will be awarded for taking Physics after passing AP Physics or IB Physics.

The table “Recommended Sequence of Science Courses” is a brief summary of science courses to be selected according to ability, need and career interest.

Course Title	Course No.	Course Prerequisite/Description
9 th Grade Lab Science 1 Credit 9	SCI-02613	A laboratory-oriented course covering basic concepts in chemistry and physics. This course is designed to prepare students for continuation in the college prep sequence of science courses.
Biology 1 Credit 9, 10, 11, 12 Note prerequisites	SCI-02622	<i>Prerequisite: Grade 9 – Successful completion of Accelerated 8th Grade Science</i> The study of ecology, cell biology, plants and animals, microbiology, human physiology, heredity, reproduction and social implications of science with a laboratory emphasis.
Ecology ½ Credit 11, 12	SCI-02625	<i>Prerequisite: Biology or Earth Science or Department Placement.</i> Current and relevant major topics of energy, environment and other important concepts in ecology are studied.
Horticulture- A Laboratory Approach ½ Credit 11, 12	SCI-02628	<i>Prerequisite: Biology or Department Placement.</i> A plant management course covering basic botany, gardening, houseplants, propagation, terrarium projects and landscaping.
AP Biology (AS) 1 Credit 11, 12	SCI-02630*	<i>Prerequisite: Passing Biology and Chemistry with a grade of C or better..</i> An advanced laboratory course consisting of studies of biochemistry, cellular physiology, genetics, the physiology and anatomy of higher plants and animals and ecology. The Advanced Placement exam may be taken for college credit.
IB Biology 1 IB Biology 2 (AS) 1 Credit Each 11, 12	SCI-08702* SCI-08722*	<i>Prerequisite: For IB 1: Biology (2622) and Chemistry (2631) with a grade of “C” or better; For IB 2: IB 1.</i> A two-year college-level course of biological sciences covering the content of college freshman biology. Testing by IB at the completion of the two years can give advanced placement of 5 to 7 credits in most colleges.
(AS) Advanced Standing	*Weighted Credit	Science continued on next page

Course Title	Course No.	Course Prerequisite/Description
Earth and Space Science 1 Credit 10, 11, 12	SCI-02665	A study of earth forming processes, including geology, meteorology, and astronomy. Activities and laboratory situations are included. The earth and its resources, pollution and recycling of these resources are topics incorporated within the curriculum.
Chemistry in the Community 1 Credit 11, 12	SCI-02633	Chemistry in the Community is a lab-oriented, issues-based chemistry course to introduce the students to chemical principles as they relate to technology, society and the students' personal lives. Students engage in study and decision-making on current topics such as water, chemical resources, food, air, petroleum, and health. Chem-Com is a non-weighted chemistry course for college-bound students who are planning on a non-science career and students entering more highly technical fields. Science credit cannot be given for both Chem-Com and Chemistry, or Chem-Com and Introduction to IB Chemistry.
Chemistry 1 Credit Acc. Math or Biology Students – Grade 10, 11, 12	SCI-02631*	<i>Prerequisite: It is recommended that the student have completed, Algebra I or Algebra I/Lab.</i> A laboratory study of the chemical and physical properties of matter. Topics include observation and measurement, molecular relationships, atomic structure and theory, energy change and qualitative analysis. Science credit cannot be given for both Chemistry and Chem-Com, or Chemistry and Introduction to IB Chemistry.
Introduction to IB Chemistry 1 Credit – Case only 10, 11, 12 Acc. Math or Biology Students – Grade 10	SCI-08707*	<i>Prerequisite: It is recommended that the student be enrolled in or have completed, with a "C" or better, Algebra I or Algebra I/Lab.</i> A laboratory study of the chemical and physical properties of matter. Topics include observation and measurement, molecular relationships, atomic structure and theory, energy change and qualitative analysis and organic chemistry. Additional emphasis is placed on the IB science laboratory format. Science credit cannot be given for both Introduction to IB Chemistry and Chem-Com, or Introduction to IB Chemistry and Chemistry.
AP Chemistry 1 Credit 11, 12	SCI-02632*	<i>Prerequisite: Chemistry.</i> An advanced course consisting of a review of chemistry concepts and an introduction to advanced laboratory techniques with emphasis on qualitative and quantitative analytical procedures. The Advanced Placement exam may be taken for college credit.
IB Chemistry (AS) 1 Credit 11, 12	SCI-08708*	<i>Prerequisite: Intro to IB Chemistry (8707) with a grade of "C" or better.</i> IB Chemistry is designed to be the equivalent of a first-year college chemistry course. Heavy emphasis is placed on more involved laboratory experiments as well as organic chemistry. Testing by IB can give advanced placement in most colleges.
Physics (AS) 1 Credit Acc. Math Grade 10 11, 12,	SCI-02641*	<i>Prerequisite: It is recommended that the student have completed Algebra I or Algebra I/Lab with a "C" grade or better.</i> A lab-oriented course involving Newton's Laws of Motion, forces, energy, light, sound, electricity and the atom. The Kinetic Theory of matter and nuclear reactions are included with both historical and contemporary issues in physics being emphasized.
AP Physics I 1 Credit – Park and Horlick only 11, 12	SCI-02642*	<i>Prerequisite: Algebra I or Algebra I/Lab, Geometry. Algebra II concurrent or higher. It is recommended that AP Physics I be taken first, but it is possible to take AP Physics II without taking AP Physics I, or take both in one year.</i> An advanced lab-oriented course consisting of studies in Kinematics, Newton's Laws of Motion, Mechanics, Kinetic Theory, Thermodynamics, Electricity, Magnetism and Atomic Physics. An excellent base for college-level courses with the option of taking an Advanced Placement exam for college credit.
AP Physics II 1 Credit – Park and Horlick only 11, 12	SCI-02643*	<i>Prerequisite: Algebra I or Algebra I/Lab, Geometry. Algebra II concurrent or higher. It is recommended that AP Physics I be taken first, but it is possible to take AP Physics II without taking AP Physics I, or take both in one year.</i> <i>AP Physics II</i> is an advanced lab-oriented course consisting of studies in: <i>Fluid Statics and Dynamics, Thermodynamics and Kinetic Theory, Pressure-Volume Diagrams and Probability, Electrostatics, Electric Circuits with Capacitors, Magnetic Fields, Electromagnetism, Physical and Geometric Optics, and Topics in Modern Physics.</i> An excellent base for college-level courses with the option of taking an Advanced Placement exam for college credit.
IB Physics 1 Credit – Case only 11, 12	SCI-08709*	<i>Prerequisite: Physics (2641) with a grade of "C" or better and CP Algebra-Trig or concurrent enrollment in CP Algebra2/IB Physics</i> is designed to be the equivalent of a first-year college physics course. Heavy emphasis is placed on independent experimental research. Testing by IB can give advanced placement in most colleges.

Course Title	Course No.	Course Prerequisite/Description
PLTW-Principles of Engineering 1 Credit 10, 11, 12 (Either Science or Technology and Engineering Credit)	SCI-02654* 	<i>Prerequisite: It is recommended that student be enrolled in or has completed Algebra I, Algebra I/Lab, and Introduction to Engineering Design or Instructor's Approval.</i> This course helps students understand the various fields of engineering/engineering technology. Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science and technology in an engineering problem-solving process to benefit people. The course also includes concerns about social and political impacts of technological change. Students may earn 3 Gateway Technical College credits with a B grade or better in this course. Milwaukee School of Engineering credit optional by completing the national exam.
PLTW-Principles of Biomedical Sciences (TC) 1 Credit 9, 10, 11, 12 	SCI-02676* (Pending BOE Approval)	This course provides an introduction to the biomedical sciences through hands-on projects and problems. Students investigate concepts of biology and medicine as they explore health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They will determine the factors that led to the death of a fictional woman as they sequentially piece together evidence found in her medical history and her autopsy report. Students will investigate lifestyle choices and medical treatments that might have prolonged the woman's life and demonstrate how the development of disease is related to changes in human body systems. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes and allow students to design experiments to solve problems. Key biological concepts including maintenance of homeostasis in the body, metabolism, inheritance of traits, and defense against disease are embedded in the curriculum. This course is designed to provide an overview of all the courses in the biomedical sciences program and lay the scientific foundation for subsequent courses. Qualified students may receive transcribed college credit for this class through PLTW. See your instructor for additional information.
PLTW-Human Body Systems 1 Credit 10, 11, 12 	SCI-02677* (Pending BOE Approval)	<i>Prerequisites: completion of, or concurrent enrollment in, Principles of the Biomedical Sciences or successful completion (B or better) of Biology.</i> Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal model, work through interesting real world cases, perform multiple dissections, and often play the role of biomedical professionals to solve medical mysteries. Qualified students may receive transcribed college credit for this class through PLTW. See your instructor for additional information.
(AS) Advanced Standing	*Weighted Credit	

SOCIAL STUDIES

The purpose of studying social studies is to learn the skills and knowledge necessary to be a good citizen in each of the strands of History, Government, Sociology and Economics.

Three and one-half credits of Social Studies, Grades 9-12, are required for graduation.

Graduation Requirements:

Grade 9	Recent United States History (Post Reconstruction to Present)	1 Credit
Grade 10	World History	1 Credit
Grade 11/12 (Recommended Sequence)	American Government	½ Credit
	(AP American Government is a yearlong course)	
	Sociology	½ Credit
	Economics	½ Credit

Depending on the specific high school, the Social Studies offerings listed below are often classified as follows:

1. Regular Social Studies (R) – Instruction at this level should be characterized by a variety of activities, which use reading, writing, speaking and listening to evaluate evidence, and construct and articulate arguments based on reasoning through social studies methods to meet individual needs in the classroom.
2. College Prep Social Studies (CP) – As the name indicates, these are more challenging courses. Students who take these courses will do additional reading and writing and more independent work than in the regular track. The regular student who wishes to be challenged is not discouraged from taking these courses.
3. Advanced Placement Social Studies (AP) and International Baccalaureate (IB) – These are college-level courses designed for students seeking this level of challenge. College credit can be earned by scoring at a certain level on the AP and IB examination. These classes require an advanced level of reading and writing. The scope and sequence of these courses reflects the standards of the National College Board and International Baccalaureate.
4. Elective Courses – Elective courses in the social studies are concerned with learning experiences, which students choose because of special interests. These courses are good preparation for college level work.

NOTE: Courses with US History in their titles meet the Grade 9 United States History requirement except that only ½ credit of African-American or Latino-American History can be used to meet this requirement.

Course Title	Course No.	Course Prerequisite/Description
Recent US History (R) 1 Credit 9	SOC-02702	<i>Prerequisite: None.</i> This course focuses on Post-Reconstruction, Expansion and Industrialization, Progressive Movement, World War I, the Roaring Twenties, the Depression, the New Deal, World War II, Cold War, Post War U.S., Civil Rights Movement, Vietnam War, Social, Political and Economic Changes from Vietnam War through September 11, 2001. Reading, writing, listening, and thinking skills are stressed.
Recent US History (CP) 1 Credit 9	SOC-02703	<i>Prerequisite: Teacher Recommendation:</i> This course focuses on Post-Reconstruction, Expansion and Industrialization, Progressive Movement, World War I, the Roaring Twenties, the Depression, the New Deal, World War II, Cold War, Post War U.S., Civil Rights Movement, Vietnam War, Social, Political and Economic Changes from Vietnam War through September 11, 2001. Reading, writing, listening, and thinking skills are stressed.
World History (R) 1 Credit 10	SOC-02712	<i>Prerequisite: None.</i> This course features a survey of the major civilizations of the world including social, political, economic, interaction between humans and the environment and cultural elements in Asia, Africa, Europe and the Americas.
Introduction to IB History 1 Credit 10	SOC-02715*	<i>Prerequisite: Teacher Recommendation Suggested.</i> This course prepares students for the IB Contemporary History I and IB Contemporary History II. Topics include social, political, economic, interaction between humans and the environment and cultural elements in Asia, Africa, Europe and Latin America. The use of primary sources is emphasized. Reading, writing, listening, and thinking skills are stressed.
AP World History 1 Credit 10	SOC-02716*	<i>Prerequisite: Teacher Recommendation.</i> The AP World History course develops historical and analytical thinking skills. This course includes an intensive survey of the major civilizations of the world including social, political, economic, interaction between humans and the environment and cultural elements in Asia, Africa, Europe and the Americas. The AP World History course prepares students to take the AP examination. College credit can be earned by scoring at a certain level on the AP examination.

Course Title	Course No.	Course Prerequisite/Description
World History (CP) 1 Credit 10	SOC-02717*	<i>Prerequisite: Teacher Recommendation.</i> This course includes an intensive survey of the major civilizations of the world including social, political, economic, interaction between humans and the environment and cultural elements in Asia, Africa, Europe and the Americas. Reading, writing, listening, and thinking skills are emphasized. Primary sources are used extensively.
Sociology (R) ½ Credit 11, 12 (Case - 12th Park & Horlick 11th)	SOC-02722	<i>Prerequisite: None.</i> As an essential part of developing good citizens this course examines groups, social class, race relations, culture, social institutions, stratification using the three sociological perspectives and research methods.
Sociology Theory (CP) ½ Credit 11, 12 (Case - 12th Park & Horlick 11th)	SOC-02723*	<i>Prerequisite: Teacher Recommendation Suggested.</i> As an essential part of developing good citizens this course examines groups, social class, race relations, culture, social institutions, and stratification using the three sociological perspectives and research methods. This class will focus on how sociology views society and to develop a broader and more comprehensive understanding of the complex society in which we live.
American Government (R) ½ Credit 11, 12	SOC-02732	<i>Prerequisite: None.</i> As an essential component of becoming a good citizen, this course examines the constitution, the principles which underlie democratic government including all three branches (local, state and federal), the structure and function of all three levels of government, and the rights and responsibilities of citizenship.
American Government (CP) ½ Credit 11, 12	SOC-02733*	<i>Prerequisite: Teacher Recommendation.</i> In addition to the requirements for regular government students will examine the historical, philosophical and sociological development of democratic governments.
AP US Government & Politics 1 Credit 11, 12	SOC-02734*	<i>Prerequisite: None.</i> An advanced year-long course consisting of an in-depth study of American government with emphasis on constitutional functions, political parties, the three branches of government (local, state and federal), political beliefs, elections and civil rights/civil liberties. This is a college-level course designed to help students on the AP exam. College credit can be earned by scoring at a certain level on the AP examination.
Economics (R) ½ Credit 11, 12 (Case - 11th Park & Horlick 12th)	SOC-02742	<i>Prerequisite: None.</i> As an essential component of becoming a good citizen, the students examine economic decision making on a global, national, local and individual level including financial literacy.
Economic Theory (CP) ½ Credit 11, 12 (Case - 11th Park & Horlick 12th)	SOC-02743*	<i>Prerequisite: Teacher Recommendation Suggested.</i> As an essential component of becoming a good citizen, this class focuses on economic theories, principles and practices. This includes the study of markets, prices, competition, fiscal and monetary policies and economic indicators.
AP Microeconomics ½ Credit 11, 12 (Case - 11th Park & Horlick 12th)	SOC-02745*	<i>Prerequisite: Teacher Recommendation Suggested.</i> This is an introductory college level course that focuses on the principles of economics that apply to the functions of individual economic decision makers. This course includes the study of basic economic concepts, the nature and functions of product markets, and market structure, factor markets, and market failure and the role of government in the economy. College credit can be earned by scoring at a certain level on the AP examination
ELECTIVES	Course No.	Course Prerequisite/Description
African-American History in the US ½ Credit 9, 10, 11, 12	SOC-02704	<i>Prerequisite: None.</i> This course examines the history of the African American experience in the United States. In addition to historical development, a study will be made of African contributions to the social, political, cultural, economic, and intellectual development in the United States will also be covered.
American Military History ½ Credit Grades 11, 12	SOC-02707	<i>Prerequisite: None.</i> This course offers an in depth look at the involvement of the United States in the major wars of the 20th century. Students will gain an understanding of the events leading up to and the direct causes of the military engagements. Topics covered will include technology of war, major battles and tactics, leading military leaders of the times, the home front, and individual achievements and acts of heroism.
Latino-American History in the US ½ Credit 9, 10, 11, 12	SOC-02705	This course examines the history of the Latino-American experience in the United States. In addition to historical development, a study will be made of Latino-American contributions to the social, political, cultural, economic, and intellectual development in the United States will also be covered.
World Geography ½ Credit 10, 11, 12	SOC-02750	<i>Prerequisite: None.</i> This course includes a study of both physical and cultural geography. The study of physical geography will focus on various map skills including the reading of maps, map construction, and place name identification and location skills. The cultural geography component will consist of an overview of the customs, occupations, family structure, leisure time activities, food and eating habits and music and arts of the people who live in selected geographic regions of the world.

Course Title	Course No.	Course Prerequisite/Description
AP Human Geography ½ credit 10, 11, 12	SOC-02752*	<i>Prerequisite: Teacher Recommendation Suggested.</i> The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. College credit can be earned by scoring at a certain level on the AP examination
Criminology ½ Credit 11, 12	SOC-02755	This course will look at the criminal justice system, including defining and measuring crime, analyzing criminal research, looking at ethical issues in criminology, as well as studying the work of criminologists in our society.
Independent Social Studies ½ Credit 11, 12	SOC-02759*	<i>Prerequisite: Approval of Department Chair.</i> This class is for students who would like to take the AP United States History exam in May of each year. Students will work with commercially available preparation materials in this self-paced class. College credit can be earned by scoring at a certain level on the AP examination.
Psychology ½ Credit 10, 11, 12	SOC-02753	<i>Prerequisite: None.</i> This course gives a general overview of psychology focusing on individual behavior and why an individual thinks, feels, and reacts to certain stimuli. Major emphasis will be placed on research methods, stages in childhood and adolescence, how the brain works, altered states of consciousness, psychological testing, and psychological disorders.
AP Psychology, 1 Credit 11, 12	SOC-02749*	<i>Prerequisite: Teacher Recommendation Suggested.</i> This course is designed to introduce students to the systematic and scientific study of behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. By achieving a successful score on the AP Psychology exam, students may receive credit and/or advanced placement for course work in college.
IB Psychology 1 Credit 11, 12	SOC-08730*	IB Psychology is a rigorous course that encompasses the scientific study of mental processes and human/animal behavior. Students explore the biological, cognitive, and sociocultural perspectives of this field with an emphasis on the most current research in the field of psychology. It includes learning about psychological research methods as well as quantitative and ethical research considerations. The completion of an experimental study is required.
Anthropology ½ Credit 10, 11, 12	SOC-02754	<i>Prerequisite: Teacher Recommendation Suggested.</i> This course introduces students to the study of anthropology and its subfields: social/cultural, physical/biological, linguistic, and archaeology. The course also explores the ways anthropology crosses over into our daily lives.
Current Events: US and World Issues ½ Credit 10, 11, 12	SOC-02756	<i>Prerequisite: None.</i> This course focuses on contemporary issues of national and international importance. Students will use a variety of resources including newspapers, paper and digital sources. As an essential component of becoming a good citizen, students will learn how to evaluate a variety of news sources.
Native American Traditions ½ Credit 10, 11, 12	SOC-02718	<i>Prerequisite: None.</i> This course will cover the history, migrations, traditions, and cultures of the native peoples that originally inhabited the continents of North and South America. An emphasis will be placed on their contributions to the American culture through their food, music, religion and philosophy.
U.S History Refresh ½ credit 11, 12	SOC-02702	<i>Prerequisite: None.</i> This course focuses on the Progressive Movement, World War I, the Roaring Twenties, the Depression, the New Deal, World War II, Cold War, Post War U.S., Civil Rights Movement, Vietnam War, Social, Political and Economic Changes from Vietnam War through September 11, 2001. Reading, writing, listening, and thinking skills are stressed. This course is designed for non-freshman students who are in need of the U.S. History credit for graduation.
World History Refresh ½ credit 11,12	SOC-02712	<i>Prerequisite: None.</i> This course features a survey of the major civilizations of the world including social, political, economic, interaction between humans and the environment and cultural elements in Asia, Africa, Europe and Latin America. This course is designed for non-freshman students who are in need of the World History credit for graduation.
IB History 1 1 Credit 11	SOC-08703*	<i>Prerequisite: Teacher Recommendation Suggested.</i> This college level course examines topics about the social, political, diplomatic, military and economic history of Europe, and the world from the mid-19 th century through the Second World War. Emphasis is placed on evaluation of sources, academic writing and elements of the IB learner profile. Successful completion waives the American Government and Economics graduation requirements. By achieving a successful score on the IB History exams the spring of their senior year, students may receive credit in college.
IB History 2 1 Credit 12	SOC-08723*	<i>Prerequisite: Teacher Recommendation Suggested.</i> The history of Europe and the world from the Second World War to the present with emphasis on causes, practices and effects of War in the 20 th Century, rise and rule of single party issues, the Cold War, the establishment and work of international organizations. Successful completion waives the Sociology graduation requirement. By achieving a passing score on the IB History exams the spring of their senior year, students may receive credit in college.
IB Theory of Knowledge 1 Credit 1 ½ Credit – 11 Gr ½ Credit – 12 Gr	SOC-08729*	<i>Prerequisite: Permission of Instructor.</i> Study of the philosophic foundations for various disciplines. Topics covered reflect an interdisciplinary approach to learning. Course emphasizes discussion and reflection. Both semesters during the two years are required to earn the Full Diploma.

SPEECH AND THEATER ARTS

Career Cluster: Arts, A/V Technology & Communications

Speech and Drama courses are enrichment courses, which may require a commitment of time after school. Freshman, sophomore and junior students may take speech as an extra elective class, which fulfills part of the fine arts graduation requirement. Senior students may elect one semester of Speech (2261) instead of one semester of a 12th grade elective English course if they have not already taken speech in 9th, 10th, or 11th grade.

Performance Survey
Introduction to Speech**
Acting**

Persuasive Speaking
Theater Company 1**
Theater Company 2**

Stagecraft 1**
Stagecraft 2**
Advanced Media Production**

Media Production
Oral Interpretation

**May involve activities outside classroom time.

Course Title	Course No.	Course Prerequisite/Description
Speech ½ Credit 9, 10, 11, 12*	STA-02261	<i>Prerequisite: None.</i> This is a beginning course in principles of oral communication designed to develop confidence and precision through classroom speaking. (<i>May be taken for English credit when not used as an elective credit for another requirement.</i>)
Oral Interpretation ½ Credit 9, 10, 11, 12	STA-02262	<i>Prerequisite: None.</i> The student learns how to choose and prepare pieces of prose, poetry and dramatic literature to read aloud for the listening pleasure of others.
Persuasive Speaking ½ Credit 9, 10, 11, 12	STA-02263	<i>Prerequisite: Speech or permission of instructor.</i> The student learns about argumentation techniques used in speaking. The main emphasis is on discussion and debate. Students are expected to use note taking and research skills.
Acting ½ Credit 9, 10, 11, 12	STA-02271	<i>Prerequisite: None.</i> The student studies the art of performance and acting. This includes but is not limited to stage presence, motivation, various acting styles, acting in groups, improvisation, audition experience, theater safety, and theater history.
Media Production ½ Credit 9, 10, 11, 12	STA-02273	<i>Prerequisite: None.</i> Students will learn basic strategic use of digital media (e.g. textual, graphical, audio, visual and interactive elements) in production of presentations. These include but are not limited to audio/video production, radio and TV commercials, video autobiographies, and podcasts.
Theater Company 1 ½ Credit 9, 10, 11, 12	STA-02276	<i>Prerequisite: Acting #2271 or permission of Drama Department.</i> Freshmen required to obtain permission of theater director. The student learns about the purpose of theater and examines both its technical and artistic parts. The student will be involved in a production before an audience. This course may be taken for an additional ½ credit.
Theater Company 2 ½ Credit 10, 11, 12	STA-02277	<i>Prerequisite: Theater Company 1 #2276 or permission of Drama Department.</i> The student learns about the purpose of the theater and examines both its technical and artistic parts. The student will be involved in helping to produce a play. This course may be taken for an additional ½ credit.
Stagecraft 1 ½ Credit 9, 10, 11, 12	STA-02278	<i>Prerequisite: None.</i> The student becomes familiar with the technical parts and safety procedures of the theater including but not limited to design, sets, lighting, properties, costume, crewing, scenic construction, and theater management. This course includes drawing design.
Stagecraft 2 ½ Credit 10, 11, 12	STA-02279	<i>Prerequisite: Stagecraft 1 or Permission of Department.</i> The student applies the knowledge learned in Stagecraft 1 in a laboratory situation. Independent work is stressed. This course may be taken for a maximum of 1 and 1/2 credits.
Performance Survey ½ Credit 9, 10, 11, 12	STA-02264	<i>Prerequisite: No Previous Speech/Drama Courses in High School.</i> This semester-long course is an introduction to speech/drama electives. Included will be survey of speech, oral interpretation, acting, persuasive speaking, theater company, play reading/writing, and radio drama. This course may not be taken if the student has had any previous speech/drama course in high school.
Advanced Media Production 1 Credit 10, 11, 12	STA-02274	<i>Prerequisite: Media Production #2273 or permission of Drama Department.</i> Students experience both technical and performance aspects of television production. Students write, script, produce, and direct many kinds of productions such as interviews, informative programs and news. Students learn to operate many types of video equipment. On-camera, in-studio and post-production methods for audio and video editing are also a part of the production experience. This course may be repeated.
(AS) Advanced	*Weighted Credit	

TECHNOLOGY AND ENGINEERING EDUCATION

Career Clusters: Arts, A/V Technology & Communication, Architecture & Construction, Information Technology; Manufacturing Science, Technology, Engineering & Mathematics; and Transportation, Distribution and Logistics.

All courses contain elements of the study of industry as an institution of America with free enterprise as a central focus. Academic competencies, especially in mathematics, science and economics, are integrated into the program in which concepts; applications, problem solving and critical thinking are more fully utilized at proper cognitive levels.

Students seeking admission into a Capstone Electronic course will be required to complete a course in Algebra 1. Geometry or CP Geometry and Algebra 2 or CP Algebra 2-/Trigonometry is recommended. The Racine Industrial Cooperative Education (R.I.C.E.) program provides on-the-job training within the occupational field in which the student receives training in school. Emphasis is directed toward producing graduates who are “trainable,” as opposed to being trained for specific entry-level jobs. A Racine Individualized Simulation Education (R.I.S.E.) credit may be earned by students who complete a two-year capstone sequence. The RISE credit must be within the same capstone area. Department approval is required for RISE credit.



Project Lead the Way, one component in Technology Education, is a pre-engineering program that is dedicated to preparing middle and high school students for careers in the technical, high-wage sector of engineering and engineering technology. The courses offered have weighted grades and offer Advanced Standing (AS) credits at many colleges and universities across the country. For information on Advanced Standing (AS), please see Page 13.

All students are encouraged to join the Technology and Engineering related student leadership organization - **SkillsUSA**. Career and Technical Student Organizations (CTSO) are a basic component of vocational education programs, found in middle and high schools throughout Wisconsin that support and enhance school-based and work-based learning. They provide students with skills and knowledge that will help them succeed in the 21st Century global economy. The benefits to students who join a CTSO include: enabling students to achieve high academic and occupational standards, developing meaningful career and skill-developing partnerships, linking school-based learning to the real world of work and family, motivating youth to become better students and productive citizens, developing school and community leaders, and enhancing student self-esteem and self-confidence. Students are able to participate in leadership labs, volunteering and giving back to the community, as well as local, regional, state, and national competitions.




Course Title	Course No.	Course Prerequisite/Description
Advanced Media Production 1 Credit (Either Fine Arts or Elective) 10, 11, 12	STA-02274	<i>Prerequisite: Media Production #2273 or permission of Drama Department.</i> Students experience both technical and performance aspects of television production. Students write, script, produce, and direct many kinds of productions such as interviews, informative programs and news. Students learn to operate many types of video equipment. On-camera, in-studio and post-production methods for audio and video editing are also a part of the production experience. This course may be repeated.
Introduction to Computer Science (TC) ½ credit 9, 10, 11, 12	BMI-03219*	Students will explore aspects of computer science through programs such as MIT App Inventor and Python. One product of such exploration will be the creation of computer apps for android devices and games. In addition, students will learn about cyber-security, artificial intelligence, simulation and modeling. This course uses project-based learning; students will learn via self-created and -driven projects. This course is for students who have never written code before and is a prerequisite to other Project Lead the Way computer science courses.
Power Systems 1 & 2 1 Credit 9, 10, 11, 12	TEC-03710	<i>Prerequisite: None.</i> This is an introductory course, which includes an orientation, shop procedures and safety related to hydraulics and small engines and automotive diagnosis and repair. Included is an introduction to hand and power tool identification and use, basic fastener identification and applications, and measuring tool identification and use. (NO Lab/Material fee required.)
Advanced Power Mechanics 1 Credit 10, 11, 12	TEC-03711	<i>Prerequisite: Power Systems 1 & 2.</i> This course is designed to build on the basic Power Systems 1 & 2 course and introduce new units in motorcycle and snowmobile service and repair, marine service and repair, advanced hydraulics and pneumatics. (NO Lab/Material fee required.)
Transportation Systems 3 & 4 Capstone (TC) 2 Credits 10, 11, 12	TEC-03713	<i>Prerequisite: Power Systems 1 & 2, Permission of Instructor.</i> This is an ASE Task competency-based course in which the students work on Automotive Fundamentals and Automotive Electrical Systems. This course provides dual credit from both RUSD and Gateway Technical College. In addition to the 2 RUSD credits, students completing this course will receive 4 GTC credits (see Page 18 for details). This course is in preparation for voluntary Auto Service Excellence (ASE) certification. (NO Lab/Material fee required.)
Transportation System RISE 1 Credit 11, 12	TEC-03714	<i>Prerequisite: Completion of Transportation Capstone 3 & 4, Permission of Instructor.</i> For the student who has completed the full transportation program, who chooses to pursue advanced training in the field of Automotive Technology and/or serve as an Auto Lab Assistant. (NO Lab/Material fee required.)

Course Title	Course No.	Course Prerequisite/Description
Auto Technician 1 (TC) 1 Credit 11, 12	TEC-03716	<i>Prerequisite: Transportation Capstone, Permission of Instructor.</i> This is an ASE Task competency-based course in which the students work on Brake Systems, Automotive Heating and Air Conditioning, Engine Performance including engine mechanical diagnosis, computer controls, emission controls, fuel management systems and ignition systems. This course provides dual credit from both RUSD and Gateway Technical College. In addition to the 1 RUSD credit, students completing this course will receive 3 GTC credits (see Page 18 for details). This course is in preparation for voluntary Auto Service Excellence (ASE) certification. This course is taught in the evening, two nights per week, outside of the regular school-day schedule. (NO Lab/Material fee required.)
Automotive Youth Apprenticeship OJT 1 2 Credits 11, 12	TEC-03717	<i>Prerequisite: Concurrent enrollment in Auto Technician 1 or Auto Technician 2, Successfully completed application package and Advisory Committee Interview; Permission of Instructor.</i> Students will explore their interests, abilities, and aptitudes as they apply to the automotive services industry. This program provides school-based academic and work-based occupational skills necessary for employment and/or for advanced standing in a post-secondary technical program. This course includes an on-the-job training (OJT) component in a local automotive repair facility coordinated by the AYES/Transportation Youth Apprenticeship instructor and specific experiences in the areas of: Electrical Engine Repair, Engine Performance, Automatic Transmissions, Manual Transmissions and Drive Lines, and Suspensions and Brakes. Students must register and go through an application and interview process in order to be accepted into the program. Students work an average of 15 hours per week at a local automotive repair facility. Students in this program must also be enrolled in a direct-related instruction course (3716 or 3718) each semester enrolled in the program for the school-based learning component. For more details, see Youth Apprenticeship Programs in this Course Description Guide. This course is in preparation for voluntary Auto Service Excellence (ASE) certification, AYES certification and advanced placement in the Automotive Technology Program at Gateway Technical College. (NO Lab/Material fee required.)
Auto Technician 2 (TC) 1 Credit 12	TEC-03718	<i>Prerequisite: Auto Technician 1, Permission of Instructor.</i> This is an ASE Task competency-based course in which the students work on Steering and Suspension Systems, Emission Control, Advanced Engine Performance, Automatic and Manual Transmissions and Drivelines. This course provides dual credit from both RUSD and Gateway Technical College. In addition to the 1 RUSD credit, students completing this course will receive 3 GTC credits (see Page 18 for details). This course is in preparation for voluntary Auto Service Excellence (ASE) certification. This course is taught in the evening, two nights per week, outside of the regular school-day schedule. (NO Lab/Material fee required.)
Automotive Youth Apprenticeship OJT 2 2 Credits 12	TEC-03719	<i>Prerequisite: Concurrent enrollment in Auto Technician 2, Permission of Instructor.</i> Students will continue their exploration of the automotive services industry. School-based academic and work-based advanced engine performance occupational skills, including engine mechanical diagnosis, computer controls, emission controls, fuel management systems and ignition systems, will remain the focus in this advanced on-the-job (OJT) training situation at a local automotive repair facility coordinated by the Transportation Youth Apprenticeship instructor. This course is in preparation for voluntary Auto Service Excellence (ASE) certification and advanced placement in the Automotive Technology Program at Gateway. Students work an average of 15 hours per week at a local automotive repair facility. Students in this program must also be enrolled in a direct-related instruction course (3718) each semester enrolled in the program for the school-based learning component. For more details, see Youth Apprenticeship Programs in this Course Description Guide. This course is in preparation for voluntary Auto Service Excellence (ASE) certification, AYES certification and advanced placement in the Automotive Technology Program at Gateway Technical College. (NO Lab/Material fee required.)
Construction Systems 1 & 2 1 Credit 9, 10, 11, 12	TEC-03720	<i>Prerequisite: None.</i> Beginning study of all phases of the woodworking industry. Utilization of tools, materials, processes which cut across the woodworking and building trades occupations. This course includes an introduction to CNC (Computer Numerical Control) machining. This course stresses safety and the safe use of machines while designing and building a variety of fun and challenging projects. (Lab/Material fee required.)
Construction Systems 3 1 Credit 10, 11, 12	TEC-03721	<i>Prerequisite: Construction Systems 1 & 2, Department Approval.</i> This is the first half of course 3723, which is a 2-credit capstone level class. This course is for the construction student who intends to enter one of the building trades. (Lab/Material fee required.)
Construction Systems Capstone 4 1 Credit 10, 11, 12	TEC-03722	<i>Prerequisite: Construction Systems 3, Department Approval.</i> This is the second half of course 3723, which is a 2-credit capstone level class. This course is for the construction student who intends to enter one of the building trades. (Lab/Material fee required.)
Construction Systems Capstone 3 & 4 2 Credits 10, 11, 12	TEC-03723	<i>Prerequisite: Construction Systems 1 & 2, Department Approval.</i> This course is for the construction student who intends to enter one of the building trades. Students focus on pre-apprenticeship activities within limits of the existing shop facility. Special attention will be given to occupational preparation requirements and characteristics of work in the allied building trades field. (Lab/Material fee required.)

Course Title	Course No.	Course Prerequisite/Description
Construction Systems RISE 1 Credit 11, 12	TEC-03724	<i>Prerequisite: Completion of Construction Capstone 3 & 4, Department Approval.</i> RISE Construction is designed as a class that stimulates the woodworking and construction industries by designing, producing and marketing a product. Also included in this class is a more in-depth study of the CNC, woodturning, furniture making, and construction areas. RISE may also be used as a teacher assistant program. (Lab/Material fee required.)
Adaptive Woodworking ½ Credit 9, 10, 11, 12	TEC-03725	<i>Prerequisite: Teacher Placement.</i> A one-semester situational assessment course designed to familiarize the exceptional needs student with tools, materials and processes of the woodworking industry.
Building Trades Program – Carpentry, 240 Hours 1 Credit for completing a minimum of 240 hours of OJT 11, 12	TEC-03728	<i>Prerequisite: Department Approval.</i> This is a competency-based course in which students work on construction/carpentry. It meets the standards of the Milwaukee, & Southern Wisconsin District Council of Carpenters. Students will take part in an OJT construction project working under the supervision of a journeyman carpenter in conjunction with the “school-based” program. This OJT experience will either be in a “rehabbed” or new construction project. The goal is to obtain 480 hours during one semester by working some days when school is not in session
Building Trades Program-Carpentry 2 Credits for completing a minimum of 480 hours of OJT 11, 12	TEC-03729	<i>Prerequisite: Department Approval.</i> This is a competency-based course in which students work on construction/carpentry. It meets the standards of the Milwaukee & Southern Wisconsin District Council of Carpenters. Students will take part in an OJT construction project working under the supervision of a journeyman carpenter in conjunction with the “school-based” program. This OJT experience will either be in a “rehabbed” or new construction project. The goal is to obtain 480 hours during one semester by working some days when school is not in session.
Architecture Systems 1 & 2 1 Credit 9, 10, 11, 12	TEC-03730	<i>Prerequisite: None.</i> This course has been designed to give the student an understanding of good residential planning. The students will become familiar with various housing styles and create their own personal design while developing a series of plans including floor, foundation and elevations. While making the drawings, the students will become familiar with room sizes and arrangements, architectural symbols and blueprint reading. The student will also be introduced to Computer Aided Drafting (CAD) using Auto CAD Architecture. (Lab/Material fee required.)
Architecture Systems 3 1 Credit 10, 11, 12	TEC-03731	<i>Prerequisite: Architecture Systems 1 & 2, Department Approval.</i> This course is a continuation of the Drafting Systems Architecture 1 & 2 course. Students will draw a set of plans for a residential building house. There will be a greater emphasis on quality and completeness of these plans. Greater latitude is allowed in the size and design of the house. Students will have an opportunity to do other drawing plans for a house design using Auto CAD Architecture. Students will also have an opportunity to make a presentation model of the house they designed. The Model Bridge Contest at the University of Wisconsin-Platteville is also included. (Lab/Material fee required.)
Architecture Capstone 4 1 Credit 10, 11, 12	TEC-03732	<i>Prerequisite: Architecture 1 & 2, Department Approval.</i> This is a vocational CAD drafting course. The student will design and draw the plans for a commercial building such as an apartment building or restaurant. The student will do research work on such topics as insulation, electrical and plumbing requirements, estimating (microcomputer), structural metals, etc. Students will also have an opportunity to make a presentation model of their architectural project building they designed. Technical math is integrated into the course. The Model Bridge Contest at the University of Wisconsin-Platteville is also included. (Lab/Material fee required.)
Architecture Capstone 3 & 4 2 Credits 10, 11, 12	TEC-03733	<i>Prerequisite: Architecture Systems 1 & 2, Department Approval.</i> This is a vocational CAD drafting course. Students will design and draw the plans for a commercial building. Students will do research work on such topics as insulation, electrical and plumbing requirements, estimating (microcomputer), structural metals, etc. Students will also have an opportunity to make a presentation model for their architectural project building they designed. Technical math is integrated into the course. The Model Bridge Contest at the University of Wisconsin-Platteville is also included. (Lab/Material fee required.)
Drafting Systems 1 & 2 1 Credit 9, 10, 11, 12	TEC-03740	<i>Prerequisite: None.</i> This course will introduce students to Technical Drafting. It will provide a background in drafting fundamentals through lecture, demonstration and hands-on experiences for developing drafting skills and techniques. Beginning with the basics, this learning experience progresses in a logical order through orthographic, pictorial, assembly, section and auxiliary views. This course also provides the basic understanding necessary to allow the students to progress into CAD (Computer Aided Drafting) specifically Auto CAD and Inventor. As they progress through this course, students will begin to do their work using Auto CAD. (Lab/Material fee required.)
Drafting Systems 3 (AS) 1 Credit 10, 11, 12	TEC-03741	<i>Prerequisite: Drafting Systems 1 & 2 or Architecture Systems 1 & 2, Department Approval.</i> This course is a continuation of the Drafting System 1 & 2 course. You will draw supplementary views such as section views, auxiliary views and revolutions. The course will also introduce you to detailed working drawings, exploded isometrics, assembly drawings and machine elements. You will also have more experience with Auto CAD and Inventor. The Model Bridge Contest at the University of Wisconsin-Platteville is also included. Students may earn 2 Gateway Technical College credits with a B grade or better in this course and 3742, Drafting Systems Mechanical 4 Capstone. (Lab/Material fee required.)

Course Title	Course No.	Course Prerequisite/Description
Drafting Systems Mechanical 4 Capstone (AS) 1 Credit 10, 11, 12	TEC-03742	<i>Prerequisite: Drafting Systems 3, Department Approval.</i> This is a Vocational CAD Drafting course. The student will use Auto CAD, Inventor, as well as conventional methods of drawing. The student will draw detailed working drawings, assembly drawings and technical illustrations. The student will also work on engineering design projects. This course will introduce other types of drafting such as sheet metal, structural steel, welding, electrical and hydraulic schematics. Technical math is integrated into this course. The Model Bridge Contest at the University of Wisconsin-Platteville is also included. Students may earn 2 Gateway Technical College credits with a B grade or better in this course and 3741, Drafting Systems 3. (Lab/Material fee required.)
Drafting Systems Capstone 3 & 4 2 Credits 10, 11, 12	TEC-03743	<i>Prerequisite: Drafting Systems 1 & 2, Architecture 1 & 2, Department Approval.</i> This is an occupational prep CAD drafting course open for those who have successfully completed Drafting Systems 1 & 2, Architectural Drafting 1 & 2, or Engineering Design 1 & 2. You will use Auto CAD, Inventor, conventional methods of drawing, working drawings, assembly drawings and technical illustrations. Students will be introduced to various other types of drafting, such as sheet metal, structural, electric, architectural and topographic drawings. (Lab/Material fee required.)
Drafting Systems RISE 1 Credit 11, 12	TEC-03744	<i>Prerequisite: Completion of Drafting Systems Capstone 3 & 4, Department Approval.</i> The student who has completed the full Drafting program, who chooses to pursue advanced training in the field of Engineering and Architectural Design. Department approval is required for RISE credit. (Lab/Material fee required.)
PLTW-Principles of Engineering 1 Credit 10, 11, 12 (Either Science or Technology and Engineering Credit) (AS) @ Gateway (TC) @ MSOE	TEC-03747* 	<i>Prerequisite: Algebra, Introduction to Engineering Design or Instructor's Approval.</i> This course helps students understand the various fields of engineering/engineering technology. Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science and technology in an engineering problem-solving process to benefit people. The course also includes concerns about social and political impacts of technological change. Students may earn 3 Gateway Technical College credits with a B grade or better in this course. Milwaukee School of Engineering credit optional by completing the national exam and a \$65 service fee to MSOE.
Design for Industry 1 Credit 11, 12	TEC-03748*	<i>Prerequisite: One advanced Technical Education Course or Advanced Science Course or concurrent enrollment and instructor's approval.</i> This course will be an application-based experience of industrial research and development, focusing on problem solving, innovation and creativity. Problem identification, solution generation, material selection, processing and aesthetics will be studied. Students will complete a variety of projects that require development and fabrication of solutions. The projects will be simple and short at first, and then gradually increase in difficulty and time, culminating with the High Mileage Vehicle competition, First Robotics Competition or a similar state or national competition. This course is taught in the evening, two nights per week, outside of the regular school-day schedule. (Lab/Material fee required.)
PLTW-Introduction to Engineering Design 1 Credit 9, 10, 11, 12 (AS) @ Gateway (TC) @MSOE	TEC-03749* 	<i>Prerequisite: Geometry or CP Geometry or Drafting Systems 1 & 2 Encouraged.</i> This course teaches students problem-solving skills using a design development process. Models of product solutions are created, analyzed and communicated using the solid modeling computer design software, Inventor. This course also provides a background in drafting fundamentals through lecture, demonstration and hands-on experiences for developing drafting skills and techniques. Students may earn 2 Gateway Technical College credits with a B grade or better in this course. Milwaukee School of Engineering credit optional by completing the national exam and a \$65 service fee to MSOE. (Lab/Material fee required.)
Electric/Electronic Systems 1 & 2 (AS) 1 Credit 9, 10, 11, 12	TEC-03750	<i>Prerequisite: None.</i> An introductory course providing students with a general introduction to the principles and practical applications of electricity and electronics. The student will study Ohms Law, basic DC circuitry, resistance, magnetism and elements of the communication/energy industry. Technical terminology and the proper use of the test instruments are reinforced. Students will study elements of industry, which relate to the electrical/electronics industry. Students may earn 3 Gateway Technical College credits with a B grade or better in this course.
PLTW-Digital Electronics (TC) @ Gateway and MSOE 1 Credit 10, 11, 12	TEC-03751* 	<i>Prerequisite: Electrical/Electronic 1 & 2 or Principles of Engineering or Introduction to Engineering Design, or Instructor's approval.</i> The theory and practice of digital electronics is introduced in an applied logic that encompasses the application of electronic circuits and devices. Computer simulation software is used to design and test digital circuitry prior to the actual construction of circuits and devices. Students may earn 4 Gateway Technical College credits with a B grade or better in this course. Milwaukee School of Engineering credit optional by completing the national exam and a \$65 service fee to MSOE. (Lab/Material fee required.)

Course Title	Course No.	Course Prerequisite/Description
Electrical/Electro Mechanical Systems 4 Capstone (AS) 1 Credit 11, 12	TEC-03752	<i>Prerequisite: Electrical/Electrical Systems 1 & 2 AND Digital Electronics Systems 3; Department Approval.</i> This course consists of more advanced work in alternating and direct current resistance, capacitance, inductance, capacitive and inductive reactance, series, and parallel circuits, residential wiring, and magnetism, principles relating to motor control, generators and transformers. Students may earn 3 Gateway Technical College credits with a B grade or better in this course.
Electronic Systems RISE 1 Credit 11, 12	TEC-03754	<i>Prerequisite: Capstone 3 & 4; Department Approval.</i> Participants in this program assist the instructor and apply the skills they have developed from the previous courses in electronics. The student will perform such tasks as maintenance of equipment, calibration of instruments, construction of new circuitry, design circuitry and solve computer interface problems. Department approval is required for RISE credit.
Electronic Kit Building & Residential Wiring Skills .5 Credit 9, 10, 11, 12	TEC-03755	<i>Prerequisite: None.</i> This course will engage students in basic electronics and residential wiring skills. Basic electronic components are constructed to produce operational systems/sub-systems such as alarms, clocks, oscillators and other functional labs. The “Basic House” wiring phase will introduce common residential wiring problems encountered in our everyday lives. (Lab/Material fee required.)
Printing and Graphic Design 1 & 2 1 Credit 9, 10, 11, 12	TEC-03760	<i>Prerequisite: None.</i> Layout and design, image transfer, binding and finishing; Printing and Graphic Design 1 & 2 introduces students to the processes and procedures used in the printing industry to create printed products. Students will create and develop their own ideas, designs and graphic images using the Adobe In-Design. They will also print their designs using various image transfer processes including screen-printing and offset lithography. Designs and projects will be printed on various medium including assorted papers, T-shirts, and mirrors. Students will also be introduced to digital photography using Aperture. (Lab/Material fee required.)
Printing and Graphic Design 3 1 Credit 10, 11, 12	TEC-03761	<i>Prerequisite: Printing and Graphic Design 1/2; Department Approval.</i> Students develop skills and learn the proper procedures for producing mechanicals used in paste-ups for printing forms, flyers and newsletters. This course targets copy preparation, offset press operations and multi-color screen-printing. Units include: advanced composition, conventional plate-making, computer to plate plate-making, operation of a two color offset press, offset make ready, offset press trouble shooting, two and four color press runs, and printing halftones. The students will continue to develop skills using Adobe In-Design, Adobe Photoshop, with the emphasis on Adobe Illustrator. (Lab/Material fee required.)
Printing and Graphic Design Capstone 4 (AS) 1 Credit 10, 11, 12	TEC-03762	<i>Prerequisite: Printing and Graphic Design 3; Department Approval.</i> The student in Printing and Graphic Design Capstone uses the knowledge and skill learned in the Printing and Graphic Design 1 & 2 and 3 classes to experience the overall operation of running a small print shop. With this course the student will be responsible for selecting different type styles, ink colors, and papers in order to print various types of jobs. Students will be introduced to large format printing. There is an emphasis on developing skills and knowledge using Adobe Photoshop and Aperture. Students may earn 3 Gateway Technical College credits with a B grade or better in this course. (Lab/Material fee required.)
Printing and Graphic Design RISE 1 Credit 11, 12	TEC-03764	<i>Prerequisite: Completion of Communication System Capstone 3 & 4; Instructor Approval.</i> This course is a job-simulated shop where the individual runs the production for the school, using what was learned in the four Graphic Communication Systems and putting that knowledge to practical use. Instructor approval is required for RISE credit.
Adaptive Graphics ½ Credit 9, 10, 11, 12	TEC-03765	<i>Prerequisite: Teacher Placement.</i> A semester situational assessment course designed to familiarize the exceptional needs students with the printing trade.
Machining/Fabricating Systems 1 & 2 1 Credit 9, 10, 11, 12	TEC-03770	<i>Prerequisite: None.</i> Students study methods of tools, materials, and processes of metal which comprise manufacturing as an industry. The use of metal working tools and machines are emphasized. This class includes both manual and CNC machine tools. The student will learn programming and operations on the CNC lathe and mill. Sheet metal, casting and welding are also introduced. A shop fee is required. (Lab/Material fee required.)
Machining/Fabrication System 3 1 Credit 10, 11, 13	TEC-03771	<i>Prerequisite: Machining/Fabrication Systems 1 & 2; and/or Department Approval.</i> This is the first half of a two-credit course. See the course description for course number 3773. There will be a shop fee charge depending on the projects. (Lab/Material fee required.)
Manufacturing Capstone 4 1 Credit 10, 11, 12	TEC-03772	<i>Prerequisite: Machining/Fabrication Systems 3 and/or Department Approval.</i> This is the second half of a two-credit capstone course. See course description for course number 3773. There will be a shop fee charge depending on the projects. (Lab/Material fee required.)

Course Title	Course No.	Course Prerequisite/Description
Manufacturing Capstone 3 & 4 (AS) 2 Credits 10, 11, 12	TEC-03773	<i>Prerequisite: Machining/Fabrication Systems 1 & 2 and/or Department Approval.</i> This is a competency-based course in which students engineer and manufacture metal products/projects. Individual occupational preparation for entry-level jobs in metalworking is the emphasis. Entrepreneurship will also be encouraged. Advanced CNC lathe and milling machine programming and operations will be explored. Advanced sheet metal, machining, and welding operations are utilized in project development. Industry as a whole will be analyzed. There will be a shop fee charge depending on the project. Students may earn 1 Gateway Technical College credit with a B grade or better in this course. (Lab/Material fee required.)
Manufacturing RISE 1 Credit 11, 12	TEC-03774	<i>Prerequisite: Completion of Manufacturing Capstone Program; Department Approval.</i> This is for the student who has completed the full manufacturing program and who chooses to pursue advanced training in the field and/or to serve as a teacher's helper. (Lab/Material fee required.)
Adaptive Metals ½ Credit 9, 10, 11, 12	TEC-03775	<i>Prerequisite: Teacher Placement.</i> A one-semester situational assessment course designed to familiarize the exceptional needs student with the metals trade.
Manufacturing/Machining Youth Apprenticeship OJT 1 2 Credits 11-12	TEC-03776	<i>Prerequisite: Department Approval.</i> This is a competency-based course in which students work on machining. It meets the standards of the National Tooling and Machining Association. (Machining Fundamentals, Machine Tool Concepts, Employability Skills) included in this course in an on-the-job (OJT) component in a local manufacturing/machining facility coordinated by the instructor. <u>You must arrange your school schedule to work a minimum of 360 total hours for the year.</u>
Manufacturing/Machining Youth Apprenticeship OJT 2 2 Credits 12	TEC-03777	<i>Prerequisites: Department Approval.</i> This is a competency-based course in which students work on machining. It meets the standards of the National Tooling and Machining Association (Advanced Machining Concepts, Introduction to CNC and Manufacturing Careers, Employability Skills). <u>You must arrange your school schedule to work a minimum of 540 hours for the year.</u>
PLTW-Computer Integrated Manufacturing 1 Credit 11-12	TEC-03778* 	<i>Prerequisites: Introduction to Engineering Design, Principles of Engineering, Digital Electronics, Manufacturing Capstone 4, -OR- Department Approval.</i> This advanced level engineering course offers a learning opportunity for students to learn concepts of robotics and automated manufacturing by creating three-dimensional designs with modeling software and producing models of their designs. Students may earn 4 Gateway Technical College credits with a B grade or better in this course. Milwaukee School of Engineering credit optional by completing the national exam and payment of a \$65 service fee.
Building/Home Maintenance ½ Credit 9, 10, 11, 12	TEC-03780	<i>Prerequisite: None.</i> This course is for the individual who is faced with the task of repair and maintenance of a home or is preparing for employment in the custodial services. The course deals with repairs of existing structures rather than the installation of new facilities. Application of the information gained from this course can save the "do-it-your-selfer" time, money and frustration when performing building repairs. (Lab/Material fee required.)
Plant Maintenance Capstone 3 & 4 1 Credit 10, 11, 12	TEC-03783	<i>Prerequisite: Building/Home Maintenance, Department Approval.</i> This course provides entry-level training for future work as a maintenance worker in an institutional, business or industrial setting. It provides the necessary background for apprenticeship or further post-high school training in the building trades or in the field of maintenance.
Adaptive Building/Home Maintenance ½ Credit 9, 10, 11, 12	TEC-03785	<i>Prerequisite: Teacher Placement.</i> A one-semester situational assessment course designed to familiarize the exceptional needs student with the skills in the repair and maintenance of buildings.
Photo Systems 1 ½ Credit 9, 10, 11, 12	TEC-03790	<i>Prerequisite: None.</i> This course introduces students to the fundamentals of digital photography. Students learn about cameras and how to take pictures. All photo work is done in color and/or black and white. Students will also be introduced to the digital photography programs, iPhoto and Aperture . (Lab/Material fee required.)
Photo Systems 2 ½ Credit 9, 10, 11, 12	TEC-03791	<i>Prerequisite: Photo Systems 1.</i> This course provides advanced training in photocomposition, photo essay, school publications, photo enterprise and other activities including advanced color digital photography techniques. Digital photography will be introduced using Adobe Photoshop as well as advanced techniques using Aperture. (Lab/Material fee required.)
Technology Education Survey 1 Credit 9	TEC-03795	<i>Prerequisite: None.</i> Four nine-week segments are provided to EEN freshmen. Each quarter targets a separate focus. The course is designed as a tryout for situational assessment purposes to determine student interest and aptitude for specific Technical Education instruction. (Lab/Material fee required.)
World of Work RICE ½ Credit 12	TEC-03796	<i>Prerequisite: Enrollment in RICE.</i> This classroom course teaches the student on-the-job survival skills for employment in trade and industry jobs. This course is taken at the same time students are in the Racine Industrial Cooperative Training Program. Information regarding employment in industry such as social security benefits, compensation and retirement, attitudes toward self, labor management relationships and industrial safety are covered.

Course Title	Course No.	Course Prerequisite/Description
RICE (Racine Industrial Cooperative Education) 2 Credits 12	TEC-03797	<i>Prerequisite: Concurrent enrollment or completion of a capstone course or approval of Technology Education Coordinator and enrollment in the course entitled, "World of Work" (3796). This training program between the school and community is arranged for selected seniors to gain experience on the job. Students must be enrolled in or have completed a technology course. Trainees are matched to a trade or industrial training station and are paid the minimum wage or more for 15-20 hours per week in the afternoon.</i>

Virtual Learning Information Page

Online Learning Options for High School students

In general, a student may request an online course AFTER he/she has a face-to-face class schedule from his/her school building.

Course requests should meet the compelling need requirements list below.

Meets Compelling Need:

1. The course is needed for the student to be "on pace" for graduation with their grade cohort.
2. The student failed the requested course in a face-to-face course environment.
3. The student wishes to improve a grade in order to meet admissions criteria for another institution or opportunity.
4. The student has an individualized condition or situation that makes a face-to-face course at the home school an inappropriate, unsafe, or otherwise an undesirable scheduling option.
5. The student has a school schedule conflict that cannot be resolved to maintain student's ability to be "on pace" for graduation with his/her grade cohort.
6. The course is available at other schools, but not available at the student's home school.
7. The course is not available at the home school, and the virtual learning course provides students with their next level of challenge or next course sequence as documented by their support team or transcript.
8. The course provides a preferable option to enrolling in a Youth Options course, provided Youth Options criteria are met.

Does Not Meet Compelling Need

1. The student wishes to take a virtual learning course without articulating a compelling need.
2. The student wishes to avoid taking a required course at the home school simply due to conflicts with teachers.

Since there are too many digital course descriptions to publish in this guide, please visit http://www.rusd.org/virtual_learning to view all courses, and then contact a school counselor or Mr. James O'Hagan, Digital & Virtual Learning Director, at james.o'hagan@rusd.org or 262-664-8734.

WORLD LANGUAGE

The World Language Department offers courses in three languages French, German, and Spanish. A student who begins the study of a modern language in middle school can continue through high school and complete a five-year sequence. A student starting the study of world language in high school should plan to continue for four years in order to achieve some command of the particular language. College-bound students should be aware of college requirements. The UW-System strongly recommends, and in some cases requires, two years of one language for admission. Study of a world language also has a positive effect on ACT and SAT scores.

College-bound students should also be aware of the “retroactive credit” program, which makes it possible to earn up to 16 college graduation credits by passing a placement test and enrolling in a world language class. A world language teacher or a counselor can furnish details of this program.

Knowledge of a world language benefits include abstract and creative thinking, academic progress in other subjects, cultural awareness and competency, chances of college acceptance, career opportunities, higher scores on standardized tests and travel.

Students who wish to continue the sequence of language study should have their current teacher’s approval on their enrollment request form, most courses require a grade of a "C" or better to continue.

Course Title	Course No.	Course Prerequisite/Description
First-Year French 1 Credit 9, 10, 11, 12	WLS-02311	<i>Prerequisite: Interest.</i> Introduction to the French language and cultures of French-speaking countries with emphasis on listening, speaking, reading and writing. This course teaches basic language patterns and vocabulary. Books, CDs, DVDs, music, Internet activities, and realia help students learn. Active participation is required.
Second-Year French 1 Credit 9, 10, 11, 12	WLS-02312	<i>Prerequisite: Successful completion of First-Year French (grade of “C” or better).</i> This is a continuation of the First-Year French introductory year with more challenging and diversified material taught in the target language. All communication skills are expanded and continuous effort to use the target language is essential.
Third-Year French 1 Credit 10, 11, 12	WLS-02313*	<i>Prerequisite: Second-Year French (grade of “C” or better).</i> Taught in the target language student’s move toward an intermediate level of proficiency with aspects of contemporary francophone culture emphasized in this class. Students will be assessed using a variety of methods with emphasis on oral expression and aural comprehension.
Fourth-Year French 1 Credit 11, 12	WLS-02314*	<i>Prerequisite: Third-Year French (grade of “C” or better).</i> Provides students the opportunity to further develop, improve and refine their listening, speaking, reading and writing skills. Students experience multiple opportunities to demonstrate their developing proficiency in different contexts.
AP/French Language IB/Fifth-Year French 1 Credit 12	AP: WLS-02317* IB: WLS-08736*	<i>Prerequisite: Fourth-Year French (grade of “C” or better).</i> Intended for high intermediate to low advanced speakers and/or college-bound students seeking maximum retroactive credit or preparation for the IB or AP exams. Students will produce extensive speaking and writing projects through concepts and skills introduced and explored in class, which enable students to participate in class discussions and activities in a meaningful way.
First-Year German 1 Credit 9, 10, 11, 12	WLS-02321	<i>Prerequisite: Interest.</i> Introduction to the German language and cultures of German-speaking countries with emphasis on listening, speaking, reading and writing. This course teaches basic language patterns and vocabulary. Books, CDs, DVDs, music, Internet activities, and realia help students learn. Active participation is required.
Second-Year German 1 Credit 9, 10, 11, 12	WLS-02322	<i>Prerequisite: Successful completion of First-Year German (grade of “C” or better).</i> This is a continuation of the First-Year German introductory year with more challenging and diversified material taught in the target language. All communication skills are expanded and continuous effort to use the target language is essential.
Third-Year German 1 Credit 10, 11, 12	WLS-02323*	<i>Prerequisite: Second-Year German (grade of “C” or better).</i> While the emphasis is still on speaking German, more time is spent on developing writing skills and reading a variety of cultural materials. This is a weighted course and students will acquire more fluent communication skills to promote success at the higher levels.
AP/German Language IB/Fifth-Year German 1 Credit 12	AP: WLS-02327* IB: WLS-08732*	<i>Prerequisite: Fourth-Year German (grade of “C” or better).</i> A weighted humanities course conducted in German, intended for nearly fluent speakers and/or college-bound students seeking maximum retroactive credit or preparation for the IB or AP exams. Students will produce extensive speaking and writing projects.
Fourth-Year German 1 Credit 11, 12	WLS-02324*	<i>Prerequisite: Third-Year German (grade of “C” or better).</i> Further improvement of listening, Speaking, reading and writing skills through a variety of culturally authentic activities and materials. When this course is combined with the fifth-year class, readings and activities will alternate every two years.

Course Title	Course No.	Course Prerequisite/Description
First-Year Latin 1 Credit 9, 10, 11, 12	WLS-02341	<i>Prerequisite: Interest.</i> Students are introduced to the Latin language and culture by following the adventures of a Roman family in ancient Pompeii, Roman Britain and Alexandria, Egypt. Through these stories, students learn vocabulary, grammar and culture. An annual field trip to a museum in Madison, Milwaukee or Chicago further exposes students to classical culture and antiquities. Knowledge of Latin reinforces English vocabulary and grammar and is useful in the fields of science, medicine, law and the humanities.
Second-Year Latin 1 Credit 10, 11, 12	WLS-02342	<i>Prerequisite: First-Year Latin (recommended grade of "C" or better).</i> Students continue to master the Latin language and its complexities by studying life in Roman Britain and ancient Rome. Students begin to read Roman authors and study in some detail aspects of Roman culture such as the military, architecture, government and religion.
Third-Year Latin 1 Credit 11, 12	WLS-02343*	<i>Prerequisite: Second-Year Latin (recommended grade of "C" or better).</i> Students will focus on a more detailed understanding of our Roman heritage through the study of prose writers such as Plautus, Cicero, Caesar and Pliny. Individual interests and abilities are considered in determining course content.
Fourth-Year Latin 1 Credit 12	WLS-02344*	<i>Prerequisite: Third-Year Latin (recommended grade of "C" or better).</i> Students will continue to focus on a more detailed understanding of our Roman heritage through the study of poets such as Catullus, Horace, Virgil and Martial. Individual interests and abilities are considered in determining course content.
First-Year Spanish 1 Credit 9, 10, 11, 12	WLS-02381	<i>Prerequisite: Interest.</i> Introduction to the Spanish language and cultures of Spanish-speaking countries with emphasis on listening, speaking, reading and writing. This course teaches basic language patterns and vocabulary. Books, CDs, DVDs, music, Internet activities, and realia help students learn. Active participation is required. *NOT recommended for proficient Spanish speakers, please see course #2388.
Second-Year Spanish 1 Credit 9, 10, 11, 12	WLS-02382	<i>Prerequisite: Successful completion of First-Year Spanish (grade of "C" or better).</i> This is a continuation of the First-Year Spanish introductory year with more challenging and diversified material taught in the target language. All communication skills are expanded and continuous effort to use the target language is essential.
Third-Year Spanish 1 Credit 10, 11, 12	WLS-02383*	<i>Prerequisite: Second-Year French (grade of "C" or better).</i> Taught in the target language students' move toward an intermediate level of proficiency with aspects of contemporary Latin and Hispanic culture emphasized in this class. Students will be assessed using a variety of methods with emphasis on oral expression and aural comprehension.
Fourth-Year Spanish 1 Credit 11, 12	WLS-02384*	<i>Prerequisite: Third-Year Spanish (grade of "C" or better).</i> Provides students the opportunity to further develop, improve and refine their listening, speaking, reading and writing skills. Students experience multiple opportunities to demonstrate their developing proficiency in different contexts.
AP/Spanish Language IB/Fifth-Year Spanish 1 Credit 12	AP: WLS-02387* IB: WLS-08741*	<i>Prerequisite: Fourth-Year Spanish. (grade of "C" or better).</i> A weighted humanities course conducted in Spanish intended for high intermediate to low advanced speakers and/or college-bound students seeking maximum retroactive credit or preparation for the IB or AP exams. Students will produce extensive speaking and writing projects through concepts and skills introduced and explored in class, which enable students to participate in class discussions and activities in a meaningful way.
Spanish Business Interpretation .5 Credit 11,12	WLS-02380	<i>Pre-Requisites: Spanish 2 grade of "C" or better).</i> This course is an introduction to translation and interpreting using Spanish for careers in the business field. This course is designed to increase vocabulary and grammar in the Spanish language with a focus on specific concepts of the business world. The students will increase conversation skills dealing with travel, human relations, marketing and other business concepts.
Spanish Medical Interpretation .5 Credit 11,12	WLS-02379	<i>Pre-Requisites: Spanish 2 (grade of "C" or better).</i> This course is an introduction to translation and interpreting using Spanish for careers in the health care field. The students will focus on medical topics including patient interviews, medical terminology, procedures, and anatomy using vocabulary and grammar in the Spanish language.
Spanish for Spanish Speakers 1 Credit 9, 10, 11, 12	WLS-02388	<i>Prerequisite: Oral proficiency in Spanish as determined by examination by Spanish Department.</i> This course is designed for students who have some command of the Spanish language and/or were brought up in a Spanish-speaking environment. The curriculum will be the same as Spanish I and II but conducted entirely in Spanish with emphasis on reading and writing. Successful completion of this course will qualify students for Spanish III.
(AS) Advanced Standing	*Weighted Credit	

YOUTH APPRENTICESHIP PROGRAMS

YOUTH APPRENTICESHIP

11, 12 2 credits per year

Prerequisite: Consent of instructor

These one- or two-year programs are designed to integrate school-based and work-based learning. Programs will provide academic and occupational skills necessary for employment and/or for advanced standing in a post-secondary technical program. Students who register go through an application process in order to be accepted into the program. Acceptance criteria will include consideration of attendance, GPA, teacher recommendations, on target for junior or senior status, employability skills, completion of all application steps (meeting attendance, document completion, and parent involvement). Two high school credits are earned per year for the paid work-based learning component.

Students need to be hired by a local area employer to complete their work-based learning and should plan to work a minimum of 15 hours per week. The program is scheduled for afternoons, but work can also occur on weekends and evenings depending upon the employer and on student schedule requirements. Students should also consider summer employment in the months prior to their apprenticeship experience. **Students must also be enrolled in a direct-related instruction course each semester enrolled in the program for the school-based learning component.** Direct-related instruction courses must be scheduled for each semester enrolled in a Youth Apprenticeship program.

Upon successful completion of a Youth Apprenticeship Program, students will receive, in addition to high school credit, advanced standing credits toward an associate degree if they enroll in a Wisconsin Technical College System program. Students will also receive a state certificate of occupational proficiency in the related industry from the Department of Workforce Development. **Transportation to and from the worksite is the responsibility of the parent and/or the student. If the student drives, proof of insurance is required.** Students are given interview opportunities with employers who have committed to be a potential youth apprenticeship partner. **Placement is not guaranteed as the employers make the hiring decisions, not Racine Unified School District.**

Students must be employed in a relevant job by September 1 (except for students in Health Care/CNA), or they will have to modify their schedules until placed. The youth apprenticeship coordinator will assist students in job placement, but ultimately students are responsible for finding jobs that will enable them to complete this program. Advanced course work is available in the following Youth Apprenticeship Program areas:

- Auto Technician
- Biotechnology
- Drafting and Design/Architecture
- Drafting and Design/Engineering
- Drafting and Design/Mechanical Design
- Finance
- Graphic Arts/Printing
- Health Services
- Information Technology/Computer Science
- Information Technology/Networking
- Industrial Equipment
- Insurance
- Lodging Management
- Logistics/Freight Movement
- Manufacturing
- Production Agriculture/Animal
- Production Agriculture/Soils & Crops
- Welding

NOTE: Level One Youth Apprenticeships are prerequisites for Level Two courses/credits.

For additional information pertaining to these programs, please contact:

Christopher Neff
Supervisor, Career & Technical Education, 262-631-7089.

IMPORTANT INFORMATION about YOUTH OPTIONS

- Any 11th or 12th grade student enrolled as a full-time student in Racine Unified School District is eligible to participate.
- To apply for Youth Options, a student must be in good academic standing and have an acceptable disciplinary record.
- Eligible students must apply to the postsecondary institution in the school semester prior to the one in which the student plans to attend the postsecondary course.
- No more than 15 semester credit hours (program maximum of 18) can be taken in any academic semester for Youth Options.
- **Students must work with their high school counselor to apply for participation in Youth Options in order to ensure their high school schedule is not jeopardized.**
- The Counselor Worksheet must be completed, signed, and attached to the Youth Options application.
- **Please be sure to read through the Counselor Worksheet in the application packet carefully.**
- The student shall be granted 1/4 high school credit per 1 semester credit offered by a post-secondary course provided the student receives a passing grade.
- **Youth Options credits are recorded as pass/fail on the student's transcript.**
- The Youth Options program does not apply to summer programs. Spring and fall semesters only.
- Racine Unified School District may grant high school credit if:
 - a. Post-secondary course is complementary to, consistent with, or expands on an RUSD course of study;
 - b. The post-secondary course expands an opportunity for the student to move to another level of academic or vocational course of study;
 - c. The post-secondary course curriculum meets or exceeds the same standards of rigor and content as other courses approved by but not offered by the district.
- Racine Unified School District will deny a course request if:
 - a. The district offers a comparable course (80% content);
 - b. It repeats the post-secondary course content for which a student has already taken and/or failed; (Students who want to appeal a District decision must do so within 30 days with the State Superintendent of Public Instruction.)

NOTE DEADLINES:

- March 1st for fall semester and October 1st for spring semester are **FIRM DEADLINES at Administrative Services Center.** Be sure your application is given to your school counselor one week prior. **NO EXCEPTIONS** will be made. A separate application must be processed for each semester that a student applies to participate in the Youth Options program.
- **List all courses for which you intend to apply. You may list alternative courses on the application.** These courses will be considered if your first choices are not approved. No changes may be made in your Youth Options application after the deadline date.

Special Notations:

- a. The District will pay for the tuition, fees, and books for the Board-approved or State Superintendent-approved post-secondary course that is being applied for high school credit;
- b. Equipment associated with the course, which will become the property of the student, is the financial responsibility of the student;
- c. Books purchased by the District must be returned by the student to the Administrative Service Center when the course is completed.
- d. The District will seek reimbursement for all costs related to courses that a student drops, withdraws from, or fails under Chapter PI40 (Youth Options).

It is the policy of the Racine Unified School District, pursuant to s.118.13 Wis. Stats., and PI19, that no person, on the basis of sex, race, color, religion, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation or physical, mental, emotional or learning disability, may be denied admission to any school in this District or be denied participation in, be denied the benefits of, or be discriminated against in any curricular, extracurricular, pupil services, recreational, or other program or activity.

This policy also prohibits discrimination under related federal Statutes including Title VI of the Civil Rights Act of 1964 (race and national origin), Title IX of the Education Amendments of 1972 (sex), and Section 504 of the Rehabilitation Act of 1973 (handicap).

If any person believes that the Racine Unified School District or any part of the school organization has inadequately applied the principles and/or regulations of a s.118.13 Wis. Stats./PI9 and/or Title VI (race, national origin), and/or Title IX (sex) and/or Section 504 (handicap) or in some way discriminates against pupils on the basis of sex, religion, color, national origin, ancestry, creed, pregnancy, mental, emotional, or learning disability or handicap, she/he may bring forward a complaint to the

District Equity Coordinator
Racine Unified School District
3109 Mt Pleasant Street
Racine, WI 53404

