



Rock University High School

TO INSPIRE + EMPOWER

Course Selection Handbook 2017-2018



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The Mission of Rock University High School

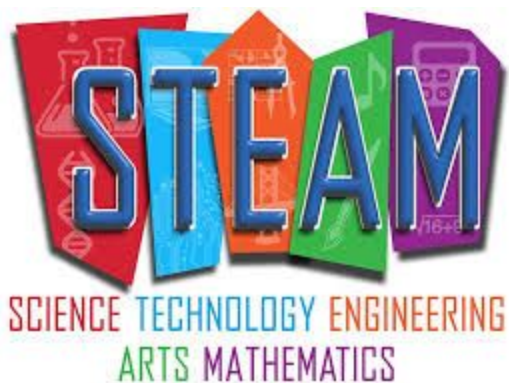
Rock University High School prepares future leaders, grades 10-12, with the skills essential to designing innovative solutions. Through a rigorous, personalized, and internationally focused program, RUHS students explore real-world applications and learn to be of service. Students gain confidence, recognize their potential, and deepen their understanding of one another and the world. Our graduates are inspired and empowered to craft their own futures.

Our Vision: An integrated curriculum, personalized learning, and meaningful scholarship experiences outside the classroom empower Rock University High School graduates to be informed and responsible citizens in a globalized world.

Personalization is the hallmark of RUHS. The interests, perspectives, and prior experience of each student define their educational path. Located at the main campus of Blackhawk Technical College and meaningfully connected to a wide variety of community and business resources, RUHS students have unique opportunities to participate in real-world learning.

Working independently and with faculty mentors and peers, students blend coursework with firsthand experience to achieve personal and professional success. Faculty mentors guide students through a project- and problem-based curriculum that encourages students to view issues from multiple perspectives, ask tough questions and thoughtfully arrive at solutions. Learning follows a natural, authentic path of inquiry.

RUHS uses the concept of STEAM to organize and personalize the curriculum:



STEAM relies on inquiry-based learning that involves students in original research, critical thinking, and problem solving. Students explore current issues, working collaboratively to develop optimal solutions. Students become skilled at solving problems by drawing from different disciplines--science, technology, engineering, the arts and language, and mathematics -- and effectively communicate their insights through proposals, research, and projects.

CREDITS REQUIRED OVER 4-YEARS TO EARN A DIPLOMA
School District of Janesville

Curricular Area	Class of 2018 and Beyond
English	4.0
Math	3.0
Social Studies **	3.0
Science (see courses below)	1.0 Physical 1.0 Bio/Life 1.0 Additional Science Credit
Phy. Ed.	1.5
Seminar	0.5
Personal Finance	0.5
Additional Credit in: English, Math, Science, or Social Studies	1.0
Total Required Credits *	16.5
Total Elective Credits ***	10
Total Credits Required for Graduation	26.5

**One semester of Health is required for high school graduation. This may be earned by passing one semester in 7th or 8th grade or taken in high school.*

***1.0 credit must be US History or AP American History*

****World Language Requirements - UW-Madison requires 3-4 credits and UW-Eau Claire requires 2 credits of a single world language for admission. UW- Platteville requires 2 years of a single world language in high school, or 1 year of college world language to graduate.*

Physical Science

Physical Science
 Chemistry
 Pre-AP Chemistry
 Principles of Engineering

Earth Science
 AP Chemistry
 AP Physics

Bio/Life Science

Animal Science
 Biology
 Anatomy & Physiology I
 Genetics I
 Applied Microbiology
 Ecology
 AP Environmental Science

Plant Science
 AP Biology
 Anatomy & Physiology II
 Genetics II
 Medical Microbiology
 Forensic Science

Global Education Achievement Certificate (GEAC)

RUHS is excited to offer students the opportunity to earn the Wisconsin Global Education Achievement Certificate. The Global Scholar Certificate and Transcript Endorsements shall be awarded to students who have demonstrated a dedication to global education by successfully fulfilling the recommended criteria in the following four (4) areas:

Academic Course Work

World languages

At least 4 years/credits in a single world language

Additional coursework:

At least 4 credits of coursework with a global focus, which may include specific courses and/or credits earned through semester inquiries. Please note credits earned in the following, with the date the credit was earned. Additional qualifying courses should be listed as well. Possible courses include, but are not limited to: KM Global Seminar (Foundations); AP Human Geography; AP Comparative Government; KMG Biology, Physical Science, or Earth Science; KMG AP Language or AP Literature; KMG English Language Arts; International Economics, Business, or Marketing; International or Foreign Affairs; Contemporary World Issues; World History; World People Studies; Regional Studies (African, Asian, Latin American, European, Middle Eastern); Science and/or Technology credits with a Global Perspective; Second World Language (at least one year); Music or Art credits with a Global Perspective; Other.

Cultural Literacy

Each student seeking this certificate shall complete independent reviews/reflection on at least eight (8) works of international/cultural media, including at least four books (fiction and nonfiction). Other international/cultural media may include films, music, and art exhibitions. Students may elect to read books from a recommended reading list or other works (including newer releases) with prior approval. These reflections may be integrated into semester inquiries, seminars, AP courses, etc. Documentation of these must be listed on the student portfolio in order to satisfy the requirements of the certificate.

Co-Curricular and Other School-Sponsored Activities

Each student seeking this certificate shall demonstrate interest in global citizenship through active participation and leadership in at least four (4) co-curricular and other school-sponsored or endorsed activities in grades 9-12. These may include participating in:

- International exchange program as exchange student and/or host.
- Travel abroad program/educational tour.
- Language and other internationally focused clubs (Spanish Club, French Club, Interact)
- Internationally themed programs/competitions for high school students (Model UN, Eurochallenge)
- International programs offered by colleges/universities (e.g., World Language Day, World Cinema Day, or language/region-specific programs).

- Language immersion programs (e.g., Concordia Language Villages).
- Organizing and running internationally themed events (e.g., International Fairs, Language Days).
- Lectures on international topics and/or speakers in the community or at a college/university.
- Activities comparable to those listed above in collaboration with other individuals or organizations within the student's school and/or from other schools.

Community Service

Each student shall complete a global/cross-cultural public service project, involving at least twenty (20) hours of work, connected to a global community (different from his/her own) or to a global issue. This project may include raising awareness about a global issue, fundraising for an international non-profit service agency/organization, working on an international project with Returned Peace Corps Volunteers, Rotary, or other Service Club, tutoring a child who is an English language learner, or volunteering with a cultural/linguistic group in the community.

Each student shall present a project proposal to a teacher or other designated staff member designated according to district/school policy prior to initiating the project and submit a summary report upon completion.

Documentation

The Global Scholars designation shall be entered on the student transcription upon completion of all requirements. Achievements in the other areas may be documented; for example, by submitting a print and/or digital portfolio, and/or giving a capstone presentation that demonstrates understanding and deep learning. Students are encouraged to incorporate the use of technology and multimedia into their work, as appropriate.



**Rock University
High School**

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UNIVERSITY OF WISCONSIN SYSTEM ENTRANCE REQUIREMENTS

All University of Wisconsin System institutions require a minimum of 17 high school credits. Thirteen of the seventeen credits are distributed as follows:

I. Core College Preparatory Credits	13 credits		
English	4 credits	Social Science	3 credits
Mathematics	3 credits	Natural Science	3 credits

Some University of Wisconsin schools recommend exceeding the minimum core college preparatory courses for admissions.

II. Elective Credits

Elective credits may be chosen from the above core college preparatory areas, world language*, fine arts, computer science and other academic areas. Some UW System institutions may also accept vocational courses for some of these 4 elective credits.

Each institution may specify additional credit requirements for the remaining 4 credits and may specify required content for all 17 credits. Please consult your high school counselor or check the college catalogue, or consult the college's website.

The ACT or SAT college entrance exam must be taken in the spring of the junior year. Institutions in the UW System may have different class rank requirements for admission. These class rank requirements are subject to change at any time. Admission is determined by the class rank at the end of the junior year. Check with your counselor or college admissions office for each school's class rank requirement.

*World Language Requirements - UW-Madison requires 3-4 credits and UW-Eau Claire require 2 credits of a single world language for admission. UW- Platteville requires 2 years of a single world language in high school, or 1 year of college world language to graduate.

WISCONSIN TECHNICAL COLLEGE ENTRANCE REQUIREMENTS

Technical college preparation should include a comprehensive high school curriculum to ensure success. The following are recommended high school courses/credits for adequate preparation for a technical college program:

Technical College RECOMMENDED Preparatory Coursework

<u>Subject</u>	<u>Credits</u>	
English	4	
Math	3-4	*Check Blackhawk Technical College website for most current information.
Science	3-4	
Social Studies	3-4	
Technical Courses	3-4	

YOUTH OPTIONS

The Youth Options program allows public high school juniors and seniors who meet certain requirements to take postsecondary courses at a Wisconsin Technical college, a UW System College or University, a Wisconsin Tribally Controlled College, or a Wisconsin Private, Nonprofit College or University.

The program provides opportunities for high school students to get a head start on a technical certificate or an associate or bachelor's degree, to learn more about a field or career of interest, and/or to develop specific skills for entering the workforce immediately after high school graduation.

Through the Youth Options Program, a school board will determine if a desired college course can be taken for high school credit and is not comparable to a current course offered by the district. In such cases, and unless the student fails to complete or get a passing grade in the course, the district will pay the cost of tuition and fees and the student will receive both high school and college credit. This high school credit will then count toward the student meeting high school graduation requirements needed to earn a high school diploma.

Application Deadlines: Fall semester deadline for applying is March 1 and spring semester deadline is October 1.

CHECKLIST FOR YOUTH OPTIONS

- **Step 1:** Apply to Youth Options. Complete the Youth Options Program, Plan and Report Form. This form can be obtained from the RUHS office or online at dpi.wi.gov/files/forms/doc/f8700-a.doc. For FALL consideration, the form must be completed and turned into the RUHS office by February 28. For SPRING consideration the form must be completed and turned into the RUHS office by October 1.
- **Step 2:** Receive School Board Approval for Youth Options Courses.
- **Step 3:** Apply to the school in which your classes have been approved. (For UW-Rock County - Complete the UW System Application for Undergraduate Admission online at <https://apply.wisconsin.edu> and apply as a Nondegree/Special student.)
- **Step 4:** Work with the RUHS staff to send your transcript and approved Youth Options form to the school you will be attending.
- **Step 5:** Register for classes.

**Youth Options Applications and Additional Information
can be picked up in the RUHS office.**

RUHS Application Process

All students interested in enrolling must complete the criteria listed below:

- Fill out and submit an RUHS application. This can be downloaded from our website www.rockuniversity.janesville.k12.wi.us or picked up in the RUHS office at Blackhawk Technical College.
 - Schedule a meeting with RUHS staff to learn about the requirements and expectations of an RUHS student. Families are encouraged to bring questions they have about RUHS, and staff will give a tour of the classrooms and discuss the similarities and differences of the educational process at RUHS versus a traditional high school experience.
 - Complete the STAR Reading and Math assessments. This must be scheduled ahead of time and takes about 1 hour to complete both tests (about 30 minutes each). It is essential for RUHS staff to have data supporting a student's ability to read independently and perform basic mathematical computations.
 - Complete and submit a written project. The Dean of Students will email the requirements for the written project to the student to complete within 48 hours. Once the project has been submitted, RUHS staff will review the work and offer suggestions for revisions. The student will have another 48 hours to complete revisions.
 - Schedule a final meeting with RUHS staff to discuss the results of the application process and schedule of classes for the new RUHS student!
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RUHS Technology

All RUHS students are able to check out an RUHS issued laptop, bag, and charger.

- Students are responsible for the care and use of these items in accordance with the Technology Acceptable Use Agreement and must submit a signed Computer Checkout form before renting.
- Students are responsible for returning all of the original items checked out. Any missing items will be billed to the student/family.

Acceptable Use of Technology (Administrative Regulation 6724.1)

The purpose of the School District of Janesville's technology resources is to support and enhance student learning and achievement in the District. Technology uses that might be acceptable on a personal account through another provider may not be acceptable in an educational environment.

Internet Safety Policy for Students (Administrative Regulation 6724.2)

Internet access will be provided to students for the purpose of instruction, accessing information, conducting research, and communicating with others as part of a specific curriculum. Communication on the Internet is often very public in nature. Students are responsible for good behavior in the use of computers and the Internet, just as they are in a classroom or on school property.

RUHS COURSE OFFERINGS

Because RUHS believes in a blended learning environment geared toward personalized learning, the course offerings found in this booklet are subject to change at any time to best fit the needs of our students.

ART & BUSINESS

EXPLORING THE ARTS (0.5 OR 1.0 CREDITS) - Semester or Year Long Course

Course Description: This course will serve as means of allowing students to explore and experience a variety of mediums and art forms at an individualized based pace. This course will be arranged into units covering different art mediums such as ceramics, painting, sculpture and design. Students will have the opportunity to explore many different art materials. Students will be given the opportunity to examine art as a means of personal expression.

***This course will also incorporate Business and Marketing. Art pieces designed and made will be sold as fundraiser pieces for RUHS and students will be responsible for the Marketing, Expense Tracking, Purchasing, and Ordering of Materials. An additional 0.5 credits can be earned for fulfilling these additional requirements.**

COMPUTER EDUCATION

TECH SQUAD (0.5 CREDIT) - Year Long Course

Course Description: Are you good with technology? Students will use hands-on skills to assist staff and other students with basic and advanced technology needs, such as setting up projectors, managing Google Drive and online resources, and problem solving other computer issues. This course will prepare students for work in the technology field, as well as provide skills for post-secondary life in the 21st Century.

Prerequisites: Must have a good working knowledge of technology in general and Mac/Apple products.

WEB DEVELOPMENT (1 CREDIT) - Year Long Course

Course Description: This is an online/independent course that was developed by UW-Rock County Associate Lecturer, Amy Burns. This goes beyond an introductory web design course and is designed to give students experience working with the elements and principles of design and apply those principles to web page creation. This class develops the fundamentals necessary for successful completion of additional courses in web development at the university level.

ENGLISH (also see HUMANITIES)

ACHIEVE LITERACY (0.25 CREDITS) - Offered Every Quarter

Course Description: This course will use online Achieve3000 software to aid students in improving their reading and writing abilities. For many RUHS students who plan to go to college or into the workforce reading at a 12th grade reading level is essential for success. This course is mandatory for students who are below benchmark with reading and is encouraged and recommended for all students who want to improve their reading / writing skills. This course is independent, but involves weekly due dates and is monitored closely by RUHS staff.

GREAT WORLD TEXT (0.5 CREDITS)

Required for 12th grade and Optional for 10th and 11th grade

Course Description: Great World Text began in 2005 by the Center for the Humanities at the University of Wisconsin-Madison. Great World Texts in Wisconsin connects high school teachers and students across the state to scholars at UW-Madison through the shared project of reading and discussing a classic piece of world literature. Drawing from world literature throughout the ages, the program's selection of texts reflects a capacious understanding of the idea of the "literary classic." This upcoming year's text will be Rachel Carson's *"Silent Spring"*. Not only will students read the selected novel but also study works related to and/or inspired it. Through discussion, activities, and final interpretation projects created by the students, RUHS GWT students will be able to dissect and understand a literary classic on a deeper level. Students and their projects will be required to attend the GWT conference on the UW-Madison Campus in the spring.

NOVEL STUDIES (0.5 OR 1 CREDIT) - Semester or Year Long Course

Course Description: This is a course designed for the student who already enjoys reading and analyzing quality literature. The student will improve comprehensive reading skills and analytical writing skills through exposure to a variety of literature. The course will also stress becoming a lifelong reader. The student is able to work at their own pace and study when it is convenient.

ORAL COMMUNICATION (0.5 CREDIT) - Year Long Course

Course Description: Students may elect to earn elective English credits by serving on the RUHS Marketing Team to prepare presentations about RUHS to audiences from the School District of Janesville, Janesville community, and Rock County. Students will collaboratively determine the presentation content, rehearse presentations, adjust presentations based on feedback from a range of stakeholders, and present about RUHS. Students might gather and analyze audience feedback to further finetune presentations. To earn the 0.5 credit, students must attend/participate in 90% of Marketing Team meetings/presentations.

YEARBOOK (0.5 CREDIT) - Year Long Course

Course Description: Students will publish a yearbook for their peers. They will learn the basics of yearbook journalism. Students interested in photography will study photo composition, organization, and editing. This course will NOT count as one of the four required English credits.

HUMANITIES - These are mandatory courses for all RUHS students

HUMANITIES 10 (1 CREDIT in WORLD CIVILIZATIONS and 1 CREDIT in ENGLISH 10)

Course Description: This year long course examines contemporary issues using a multi-disciplinary approach. Investigate topics related to cultural growth and development, world religions, economics and globalization, environmental issues, global health and diseases, and international conflict and mediation. Utilize ideas of history, geography, political science, psychology, sociology, anthropology, history, economics, science, art, and literature to increase understanding of the international scope of topics. The focus of this course is the application of critical thinking and analysis to gain a deeper understanding of current issues influencing the world. In addition, inquiry-based learning will be a major part of this course as students complete the research process. During this course, students will be expected to perform extensive, independent reading and analysis of text.

HUMANITIES 11 (1 CREDIT in US HISTORY and 1 CREDIT in ENGLISH 11)

Course Description: Using this multi-disciplinary approach, this year long course examines United States history through literature, film, group projects, class discussion, guest speakers and primary source documents. Students will evaluate the impact that various events, legislation, movements, and figures have had on citizens, societies, nations, and the world. The inquiry-based learning will be a major part of this course as students complete the research process. During this course, students will be expected to perform extensive, independent reading and analysis of text.

HUMANITIES 12 (1 CREDIT in HUMANITIES/WORLD HISTORY and 1 CREDIT in ENGLISH 12)

Course Description: Using this multi-disciplinary approach, this year long course is a study of people utilizing the ideas of psychology, sociology, anthropology, history, economics, art and literature. Humanities are about life and the human perspective. We will be examining contemporary multicultural writings and ethnographies. Concepts may be covered in a variety of ways including film, group projects, class discussion, guest speakers and primary source documents. Students are required to research and complete two major capstone projects.

MATHEMATICS

CALCULUS (1.0 CREDITS) - Year Long Course

Course Description: The purpose of this course is to introduce students to derivatives, integrations and their applications. A graphing calculator is recommended (TI-84) for this course and can be provided for use.

Prerequisites: Successful completion of Integrated Math IV or Precalculus.

PRECOLLEGE MATH (0.5 CREDITS) - 2nd Semester

Course Description: Precollege Mathematics prepares students for the college level Mathematics Placement Test. Using the Early Mathematics Placement Test (EMPT) through the University of Wisconsin System, students identify areas of strength of growth to build upon previous learning to

ensure placement in college level math upon graduation. Students use hands-on models and create interactive notes throughout the course.

INTEGRATED MATH II (1 CREDIT) - Semester Long Course

Course Description: In level two of integrated math, students will be exposed to a problem and project based curriculum to expand their knowledge of topics in algebra, geometry, and probability. Students will expand their knowledge from linear functions and relationships in Integrated Math 1 to quadratic functions and equations in Integrated Math 2. They will also build upon previous geometric concepts and explore coordinate geometry including two-dimensional figures and three-dimensional solids.

Prerequisites: Integrated Math I, Successful Completion of Algebra 1 or consent of instructor

INTEGRATED MATH III (1 CREDIT) - Semester Long Course

Course Description: In level three of integrated math, students will be exposed to a problem and project based curriculum to expand their knowledge of geometry, trigonometry, algebra, and statistics. Students will explore geometry in three dimensions, study exponential, logarithmic, radical, and polynomial functions, sequences, and series, solve problems using trigonometric ratios, and explore data through sample surveys, experiments, and observational studies.

Prerequisites: Integrated Math II, Successful Completion of Geometry or consent of instructor

INTEGRATED MATH IV (1 CREDIT) - Semester Long Course

Course Description: In level four of integrated math, students will be exposed to a problem and project based curriculum to expand their knowledge of geometry, trigonometry, algebra, statistics, and introduce concepts of precalculus.

Prerequisites: Integrated Math III, Successful Completion of Geometry or consent of instructor

TELEPRESENCE COURSE OFFERINGS THROUGH MONTICELLO SCHOOL DISTRICT:

*Please inquire about the availability of these courses.

- STATISTICS - AP or 3.0 UW-Oshkosh Credits available (1.0 High School Credit)
- CAPP PRECALCULUS - AP or 5.0 UW-Oshkosh Credits available (1.0 High School Credit)

(A student must apply as a special student to UW-Oshkosh and complete the Math Placement test prior to taking this course to earn UW-Oshkosh credit. Registration must be complete by July 30, and Math Placement test must be complete by August 15.)

MUSIC

*Please inquire about the availability of these courses.

CHAMBER ORCHESTRA (0.5 OR 1 CREDIT) Mondays at 7pm (UW-Rock County)

Course Description: Orchestra courses are designed to develop students' abilities to play brass, woodwind, percussion, and string instruments, covering a variety of string and orchestral literature styles.

CONCERT BAND (0.5 OR 1 CREDIT) Wednesdays at 7:30pm (UW-Rock County)

Course Description: Courses in Concert Band are designed to promote students' technique for playing brass, woodwind, and percussion instruments and cover a variety of band literature styles, primarily for concert performances.

JAZZ BAND (0.5 OR 1 CREDIT) Wednesdays at 9:15pm (UW-Rock County)

Course Description: Jazz band is a performance group that will rehearse and perform a variety of jazz music from all associated musical eras including but not limited to big bands, progressive, blues, Dixieland, modern, fusion and bebop.

SCIENCE

BIOLOGY (1 CREDIT) - Offered 1st Semester - Odd Years

Course Description: In Biology, students will be exposed to a problem and project based curriculum to study the fundamental concepts of life and life processes. Topics may include (but are not limited to) cell structure and function, general plant and animal physiology, genetics, and taxonomy.

Prerequisites: None

BIOTECHNOLOGY (0.5 CREDIT) - One semester

Course Description: In this course, you will explore the history of biotechnology, including early attempts at food preservation, the development of antibiotics, and changes to food crops around the world. You'll also learn more about some of the challenges of biotechnology, such as the growth of antibiotic resistant bacteria and questions about the safety of commercially produced genetically modified organisms (GMOs). Finally, you'll research new biotechnologies and how they are changing the world we live in.

Prerequisites: Biology

CHEMISTRY (1 CREDIT) - Offered 1st Semester - Even Years

Course Description: In Chemistry, students will be exposed to a problem and project based curriculum to study the composition, properties, and reactions of substances. Students may explore topics including (but not limited to) the behaviors of solids, liquids, and gases, reactions, atomic structure, chemical formulas and equations.

Prerequisites: Algebra 1, Integrated Math I (or equivalent)

HEALTH & MEDICINE (1 CREDIT) - Offered 2nd Semester - Odd Years

Course Description: In Health & Medicine, students will be exposed to a problem and project based curriculum to study the human body and biological systems in detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, and explore functional systems integrating disease processes and epidemiology.

Prerequisites: None

TOPICS IN CHEMISTRY (0.5 CREDIT) - Offered 2nd Semester - Even Years

Course Description: In Topics in Chemistry, students will be exposed to a problem and project based curriculum to study advanced topics that include (but are not limited to) organic chemistry, thermodynamics, electrochemistry, nuclear chemistry, macromolecules, and kinetic theory.

Prerequisites: Chemistry

EARTH SCIENCE - INDEPENDENT (1 CREDIT) - Offered 1st and/or 2nd Semesters

Course Description: In Earth Science, students will develop their own projects to meet state requirements, standards, and learning targets. Students will have the opportunity to take Earth Science independently while having a science teacher available to answer questions during scheduled office hours. Content standards include concepts and principles essential to understanding the dynamics and history of the earth. Topics students may explore (but are not limited to) are oceanography, geology, astronomy, meteorology, and geography.

Prerequisites: None

TELEPRESENCE COURSE OFFERINGS THROUGH MONTICELLO HIGH SCHOOL:

*Please inquire about the availability of these courses.

- CAPP PHYSICS (AP or 5.0 UW-Oshkosh Credits Available) - 1.0 High School Credit
- CAPP ASTRONOMY (AP or 3.0 UW-Oshkosh Credits Available) - 1.0 High School Credit

(A student must apply as a special student to UW-Oshkosh and complete the Math Placement test prior to taking this course to earn UW-Oshkosh credit. Registration must be complete by July 30, and Math Placement test must be complete by August 15.)

SOCIAL STUDIES (also see HUMANITIES)

***CRITICAL ISSUES FORUM (0.5 CREDIT) - Offered 2nd through 3rd Quarter.**

Course Description: Critical Issues Forum is an a 0.5 credit course that allows students to work together as a team to solve one of the world's most controversial issues: Nuclear Nonproliferation and Disarmament. As a team, students will focus their research on a theme and then narrow it down even more on a specific topic. Two (tentative to change based on school population) CIF ambassadors will be chosen by your instructor, the Dean of Students, and the RUHS Board. This opportunity allows students to think outside the box and be a part of the world conversation on educating for peace.

FUTURE HISTORIANS (0.5 CREDIT) - Offered 1st Semester only (Mandatory for 11th grade)

Course Description: In this course, students will be trained in the craft of historical research and presentation necessary for participation in the National History Day (NHD) competition. The course promotes 21st Century skills by utilizing modern research methods and technology to promote the study of history. Students will learn to present their findings in historical papers, museum-style exhibits, original dramatic performances, multimedia documentaries, or interactive websites. **Students choosing to participate in NHD competitions will be responsible for charges and fees.**

***MODEL UNITED NATIONS (0.5 CREDITS) - Offered 1st semester with conference in March.**

Course Description: This course allows students to learn, hands on, how the World United Nations works. By the end of this course students will be able to answer the big question: “How can all countries collaborate for a better world?” Before being assigned a country and specific issues, we will focus on foreign policy, parliamentary procedure, and diplomacy. At the end of the course, students will have the opportunity to participate in Wisconsin High School Model United Nations representing a UN country. WHSMUN is a two-day conference offering high school students a rewarding and challenging opportunity to learn about foreign policy and gain experience in the skills of international diplomacy through simulations of real world issues impacting individuals, families, and communities in member-states being discussed at the United Nations.

***Courses that have fees associated with participation**

WORLD LANGUAGE

JAPANESE : ALL LEVELS - (1 CREDIT) Year Long Course

The early levels are designed to introduce students to Japanese language and culture, emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at basic level within predictable areas of need, using customary courtesies and conventions. Japanese culture is introduced through the art, literature, customs, and history of the Japanese-speaking people. The upper level classes extend the students' facility with the language so that they are able to understand, initiate, and sustain general conversations on topics beyond basic survival needs. This course is taught by an instructor at RUHS.

ADVANCED SPANISH : LEVEL 3 AND BEYOND (1 CREDIT) Year Long Course

After completion of Spanish 2, students will work with an RUHS instructor in a blended learning environment. Some aspects of advanced spanish will be done independently using Moodle, while conversation and verbal communication will be done on site with an instructor.

OTHER COURSES

ACADEMIC SUCCESS SKILLS (0.5 OR 1 CREDIT) - Offered 1st and/or 2nd Semesters

Course Description: This is a course designed to assist with student development of the academic and research skills / study habits necessary for success in a blended learning instructional model with Guided Inquiry at the foundation of the academic program. Students will work closely with faculty advisors to establish and monitor individual goals. ****Advisor recommendation required**

COLLEGE & CAREER READINESS (0.5 CREDIT) - Year Long Course (Required for Juniors)

Course Description: Students will learn test taking strategies and measure growth in math, science, English, reading, and writing skills to prepare for success on the ACT and WorkKeys Tests.

Prerequisites: None

INDEPENDENT FIELD STUDY (0.5 CREDIT) - Offered 1st and/or 2nd Semesters

Course Description: This is a course designed for students who have either traveled beyond Janesville or who have engaged in local field work. Students will reflect upon their experiences, connect those experiences to current and future applications, and present their individual learning to a panel comprised of peers and staff. For this course, a student must propose a plan and seek instructor approval.

INDEPENDENT STUDY (0.5 OR 1 CREDIT) - Offered 1st and/or 2nd Semesters

Course Description: Students can develop their own projects to meet state requirements, standards, and learning targets in any subject area of their interest. Students will have the opportunity to propose a course to take independently while having a teacher available to answer questions during scheduled office hours. For this course, a student must propose a plan and seek instructor approval.

PERSONAL FINANCE (0.5 CREDIT) - Required Prior to Graduation

Course Description: This course is designed to equip high school students with the knowledge and skills necessary to manage their personal finances effectively. Students will learn “Real Life” skills, which they can utilize throughout their own lives. Students will learn about investing in a variety of securities (stocks, bonds, mutual funds, etc). Other topics covered include: careers, post-secondary planning, financial aid, college applications, analyzing pay and benefits, taxes, budgeting, use of banking services, real estate, credit, buying an automobile, buying a home and insurance.

***This class is required for graduation.**

SEMINAR (0.5 CREDIT per 50 hours) - Required for all students

Course Description: Seminar is a required course for all students at RUHS. A variety of seminars will be offered throughout the year relating to college and careers, education, culture, technology, and suggestions by RUHS students.

***A seminar class is required for graduation starting with the class of 2018.**

SERVICE LEARNING (0.5 CREDIT) - 0.5 Credit Required as a Sophomore and again as a Junior

Course Description: Students improve their academic skills by applying what they learn in school to the real world; they then reflect on their experience to reinforce the link between their service and their learning. Students conduct a total of forty hours of independent service-learning projects to fulfill the graduation requirement. Students will propose their service and which organization they will perform the service. Students perform service projects in the community, independent of their school, and keep track of the hours of service and reflections in Career Cruising.

SENIOR INTERNSHIP (0.5 CREDIT) - Year Long Course (Required for Seniors)

Course Description: Internships are a terrific way to get experience and “get a feel” for a particular subject or line of work that you have a passion or interest in. You can learn a lot about a field, and gain valuable real world experience by working alongside experienced professionals as mentors. Doing an internship can demonstrate to a college that you are actively pursuing your interests and have experience in the workplace. You will work with your the RUHS staff to set up an internship opportunity that will need to be completed prior to graduation.

TELEPRESENCE CLASS OFFERINGS:

Each year a variety of courses are offered via telepresence from Craig and Parker High Schools. The class offerings are subject to change each year depending on demand from remote locations like Rock University High School. The sooner an administrator knows that you would like to take a class remotely, the better chance we have to establish a schedule to accommodate those needs.

MULTIPLE ENROLLMENT STUDENTS:

Students have the ability to be enrolled in multiple schools at the same time which allows students to travel between buildings and still have access to a multitude of learning experiences. Students have the option to designate Rock University High School as their primary school (diploma issuing school) and take additional courses at their home high school or Arise Virtual Academy for an online experience. Please speak with RUHS administration for more information.

PLATO COURSES:

Students at RUHS have access to a variety of online courses through PLATO Courseware. Please see the list of course offerings below!



Career & Technical Education Packages

Plato Courseware’s Career and Technical Education (CTE) courses empower career exploration by helping learners prepare for post-secondary education or careers with engaging content that covers all 16 nationally recognized Career Clusters®.

			Gold with Electives
		Silver	Gold
Bronze		Career Explorations	Creative Writing
Principles of Architecture & Construction A/B		Essential Career Skills	Advanced Audio Video Production 1 A/B
Graphic Design & Illustration A/B		Principles of Agriculture, Food & Natural Resources A/B	Advanced Audio Video Production 2 A/B
Principles of Arts, AV Technology & Communications A/B		Professional Photography A/B	Audio Video Production A/B
Accounting A/B		Principles of Business, Marketing & Finance A/B	Digital & Interactive Media A/B
Introduction to Finance		Child Development & Parenting A/B	Professional Communications
Principles of Health Science A/B		Applied Medical Terminology A/B	Business Information Management A/B
Computer Programming A/B		Principles of Hospitality & Tourism A/B	Electronic Communication Skills
Principles of Information Technology A/B		Principles of Manufacturing A/B	Entrepreneurship A/B
Web Technologies A/B		Marketing, Advertising & Sales	Principles of Education & Training A/B
Principles of Law, Public Safety, Corrections & Security A/B		Drafting & Design A/B	Personal Finance
Principles of Engineering & Technology A/B		Principles of Transportation, Distribution & Logistics A/B	Principles of Government & Public Administration A/B
Game Development		Music Appreciation	Health Science 1 A/B
Introduction to Fashion Design		Psychology	Health Science 2 A/B
Introduction to Social Media		Sociology	Culinary Arts A/B
			Nutrition & Wellness
			Principles of Human Services A/B
			Computing for College & Careers A/B
			Sports, Entertainment & Recreational Marketing
			Academic Success
			Art History and Appreciation
			Social Issues
			Health
			Physical Education
			Structure of Writing
			Coming Spring 2016
			Introduction to Anthropology
			Introduction to Archeology
			Introduction to Astronomy
			Introduction to Criminology
			Environmental Science, Semester A/B
			Fine Arts Survey, Semester A
			Forensic Science, Semester A
			Gothic Literature
			Marine Biology, Semester A
			Mythology and Folklore
			Introduction to Philosophy
			Revolutionary Ideas in Science
			Veterinary Science, Semester A
			Introduction to World Religions

Secondary Academic Library

Plato Courseware's Secondary Academic Library features courses and content designed to integrate with your middle school and high school classrooms, labs, or blended and virtual learning programs. Our rigorous courses and content captivate students, leading to increased time-on-task, development of core and elective subject skills, and student achievement - all in a self-paced environment.

Mathematics Courses

AP[®] Calculus A/B 📖
 Algebra 1 A/B 📖
 Algebra 2 A/B 📖
 Consumer Mathematics 📖
 Geometry A/B 📖
 Integrated Math 1 A/B 📖
 Integrated Math 2 A/B 📖
 Integrated Math 3 A/B 📖
 Math 6 A/B 📖
 Math 7 A/B 📖
 Math 8 A/B 📖
 Pre-Algebra A/B
 Precalculus A/B 📖
 Probability & Statistics 📖

English Language Arts Courses

AP[®] English Literature & Composition A/B 📖
 English 6 A/B 📖
 English 7 A/B 📖
 English 8 A/B 📖
 English 9 A/B 📖
 English 10 A/B 📖
 English 11 A/B 📖
 English 12 A/B 📖
 World Literature A/B 📖

Science Courses

AP[®] Biology A/B 📖
 AP[®] Chemistry A/B 📖
 Biology A/B 📖
 Chemistry A/B 📖
 Earth & Space Science A/B 📖
 Integrated Physics & Chemistry A/B 📖

Life Science A/B 📖
 Physical Science A/B 📖
 Physics A/B 📖

Social Studies Courses

AP[®] U.S. History A/B 📖
 African American Studies 📖
 Civics A/B
 Economics A/B
 Middle School U.S. History A/B 📖
 Middle School World History 📖
 Native American Studies: Contemporary Perspectives 📖
 Native American Studies: Historical Perspectives 📖
 U.S. Government 📖
 U.S. History A/B 📖
 World Geography A/B 📖
 World History A/B
 World History Before 1815 📖
 World History Since 1500 A/B 📖
 World History Since 1815 📖

World Language Courses

Spanish 1 A/B 📖
 Spanish 2 A/B 📖

Elective Courses

Academic Success 📖
 Art History & Appreciation
 Career Explorations 📖
 Computer Applications & Technology
 Computers for College and Careers 📖
 Health
 Personal Finance 📖

Physical Education
Social Issues 

Additional Curriculum

Algebra 1, Part 1
Algebra 1, Part 2
Algebra 2, Part 1
Algebra 2, Part 2
Consumer Mathematics
Foundational Math
Geometry 1
Geometry 2
Math Expeditions E-I
Math Problem Solving
Miscellaneous Math Resource
Straight Curve Mathematics
Trigonometry Skills
Advanced Reading Strategies
Advanced Writing Process & Practice
Communication Skills
Essential Reading Skills
Essential Writing Process & Practice
Fundamental Reading Strategies
Fundamental Writing Process & Practice
Informational Reading
Intermediate Reading Strategies
Intermediate Writing Process & Practice
Miscellaneous Language Arts Resource
Reading Explorations E
Reading Explorations F-G
Vocabulary & Reading Comprehension
Workplace Writing
Writing Series
Earth & Space Science
Life Science
Physical Science
Technology Fundamentals
African Global Studies
American History 1
American History 2
Basic American History 1
Basic American History 2
Civics
East Asia Global Studies
Economics
European History 1

European History 2
Latin American Global Studies
Middle East Global Studies
South & Southeast Asia Global Studies
U.S. Government
World Geography
World History 1
World History 2
World History 3
World History 4
Art History & Appreciation
Basic Skills for the Real World
Business Basics
Computer Applications & Technology
Data Skills for Today
Job Skills for the Real World

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NGSS-aligned course



Courses are compatible with mobile devices

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