

6th Grade Elective Course Catalogue

2017-2018

Exploratory Wheel And Career Planning A – 1 Semester

This option includes a semester of exploration divided into six weeks each of **Art, Theater and Music**. Students will work in 2d Art and apply skills in various applications. In music, students will participate in the use of instruments and in a chorus. In theater, students will develop and perform skits and acts. Career interest and connection to course content is included in this program of study. This exposure to the fine arts builds a broad base of experience and informs future interest in course selection for 7th and 8th grade.

Exploratory Wheel And Career Planning B – 1 Semester

This option includes a semester of exploration divided into six weeks each of **Art, Theater and Computer Skills**. This option includes a semester of exploration divided into six weeks each of Art, Computer skills and theater. Students will work in 2d Art and apply skills in various applications. In computer applications, students work on exciting projects while learning basic keyboarding and word processing skills as well as electronic presentation tools. In theater, students will develop and perform skits and acts. Career interest and connection to course content is included in this program of study. This exposure to the fine arts builds a broad base of experience and informs future interest in course selection for 7th and 8th grade.

Computer Applications-6th Grade- 1 Semester

This course offers students the opportunity to have fun with computers while learning valuable skills. Each student will be assigned their own computer to work on exciting projects while learning basic keyboarding and word processing skills. This course will give you tools necessary to complete all your computer assignments in all classes and impress your teachers!

Band 1- Yearlong

Students with little or no instrumental experience develop foundational instrumental technique, foundational music literacy, and aesthetic musical awareness through rehearsal, performance, and study of high-quality band literature. Instrumentalists work on the fundamentals of music notation, sound production, instrument care and maintenance, and personal and group rehearsal strategies. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Chorus 1- Yearlong

Students with little or no choral experience develop beginning vocal technique and skills, critical and creative thinking skills, and an appreciation of music from around the world and through time. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Dance 1– 1 Year

Students develop dance technique and movement vocabulary in two or more dance forms. In the process, dancers demonstrate use of class and performance etiquette, analytical and problem-solving skills, and studio practices in a safe dance environment. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source. Please note that this course satisfies one semester of the required physical education needed toward middle grades promotion.

Engineering-Design and Modeling- Foundation Unit- 1 Semester

Students discover the design process and develop an understanding of the influence of creativity and innovation in their lives. They are then challenged and empowered to use and apply what they've learned throughout the unit to design a therapeutic toy for a child who has cerebral palsy.

Automation & Robotics – Foundation Unit -1 Semester

Prerequisite Engineering-Design and Modeling Students trace the history, development, and influence of automation and robotics as they learn about mechanical systems, energy transfer, machine automation, and computer control systems. Students use the VEX Robotics® platform to design, build, and program real-world objects such as traffic lights, toll booths, and robotic arms.

Comprehensive Physical Education- 1 Semester

This course is designed for 6th and 7th grade students and intended to be 18 weeks in length. The purpose of this course is to provide a foundation of knowledge, skills, and values necessary for the development of a physically active lifestyle. The course content provides exposure to a variety of movement opportunities and experiences which includes, but is not limited to: Fitness Activities, Educational Gymnastics and Dance, and Team Sports. The integration of fitness concepts throughout the content is critical to student success in this course and in the development of a healthy and physically active lifestyle.

7th Grade Elective Course Catalogue

2017-2018

Graphic Arts (Intro to Arts, Audio, Video, Technology, & Communication)- 1 Semester

Graphic Art students blend modern day technology with the creativity of fine arts to create a variety of “hands on” projects. Students will use computers, digital cameras, digital drawing tablets, and various design software (including industry leading Adobe Photoshop). Topics include: digital photography, photo editing, logos/advertising, printing, and video/video editing. Work may be displayed at the school, district, and state level. Students also have the opportunity to enter work in a variety of contests and showcases.

Computer Applications in Business 1- 1 Semester

This course offers students the opportunity to have fun with computers while learning valuable skills. Each student will be assigned their own computer to work on exciting projects while learning basic keyboarding and word processing skills. In addition students will also learn how to create spreadsheets and use electronic presentation tools such as PowerPoint and Keynote. This course will give you the tools necessary to be successful in all your middle school and high school classes.

Computer Applications in Business 2- 1 Semester

This course offers students the opportunity to have fun with computers while learning valuable skills. Each student will be assigned their own computer to work on exciting projects while learning advanced word processing skills and advanced spreadsheet skills. In addition students will explore the world of multimedia and digital design. Don't miss this opportunity to gain the valuable skills to organize your classwork and create awesome presentations. This course will give you the tools necessary to be successful in high school and be college ready!

Engineering 1-Design and Modeling- Foundation Unit- 1 Semester

Students discover the design process and develop an understanding of the influence of creativity and innovation in their lives. They are then challenged and empowered to use and apply what they've learned throughout the unit to design a therapeutic toy for a child who has cerebral palsy.

Engineering 2 Automation & Robotics – Foundation Unit -1 Semester

Prerequisite Engineering-Design and Modeling Students trace the history, development, and influence of automation and robotics as they learn about mechanical systems, energy transfer, machine automation, and computer control systems. Students use the VEX Robotics® platform to design, build, and program real-world objects such as traffic lights, toll booths, and robotic arms.

Engineering 3. Green Architecture – Specialization Unit-1 Semester

Today's students have grown up in an age of “green” choices. In this unit, students learn how to apply this concept to the fields of architecture and construction by exploring dimensioning, measuring, and architectural sustainability as they design affordable housing units using Autodesk's® 3D architectural design software.

Engineering 4. Energy and the Environment – Specialization Unit-1 Semester

Prerequisite- Automation & Robotics - Students are challenged to think big and toward the future as they explore sustainable solutions to our energy needs and investigate the impact of energy on our lives and the world. They design and model alternative energy sources and evaluate options for reducing energy consumption.

Art Two Dimensional 1- 1 Semester

Students investigate a wide range of media and techniques, from both an historical and contemporary perspective, as they engage in the art-making processes of creating two-dimensional works, which may include drawing, painting, printmaking, and/or collage. Student artists reflect on their own artwork and that of others through critical analysis to achieve artistic goals related to craftsmanship, technique, and application of 21st-century skills. Opportunities are provided for creative decision-making in the context of the structural elements of art and the organizational principles of design. This course incorporates hands-on activities and consumption of art materials.

Band 1 -1 Year

Students with little or no instrumental experience develop foundational instrumental technique, foundational music literacy, and aesthetic musical awareness through rehearsal, performance, and study of high-quality band literature. Instrumentalists work on the fundamentals of music notation, sound production, instrument care and maintenance, and personal and group rehearsal strategies. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Band 2 and Career Planning-1 Year

Students with previous band experience build on instrumental technique, music literacy, and aesthetic response through rehearsal, performance, and study of a variety of high-quality band literature. Instrumentalists expand their knowledge of music notation, music theory, sound production, and personal and group rehearsal strategies. In tandem with their learning opportunities in band, students investigate careers in a wide variety of fields guided by the competencies required by Florida Statute. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Comprehensive Physical Education 6/7- 1 Semester

This course is designed for 6th and 7th grade students and intended to be 18 weeks in length. The purpose of this course is to provide a foundation of knowledge, skills, and values necessary for the development of a physically active lifestyle. The course content provides exposure to a variety of movement opportunities and experiences which includes, but is not limited to: Fitness Activities, Educational Gymnastics and Dance, and Team Sports. The integration of fitness concepts throughout the content is critical to student success in this course and in the development of a healthy and physically active lifestyle.

Chorus 1 – 1 Year

Students with little or no choral experience develop beginning vocal technique and skills, critical and creative thinking skills, and an appreciation of music from around the world and through time. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Chorus 2 – 1 Year

Students build on previous choral experience to expand vocal, technical, musical, and ensemble skills through rehearsal, performance, and study of high-quality choral literature. Singers focus on increasing knowledge of music theory, music literacy, and aesthetic response. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Dance 1– 1 Year

Students develop dance technique and movement vocabulary in two or more dance forms. In the process,

dancers demonstrate use of class and performance etiquette, analytical and problem-solving skills, and studio practices in a safe dance environment. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source. Please note that this course satisfies one semester of the required physical education needed toward middle grades promotion.

Dance 2 – 1 Year

Students attend to alignment, acquisition of complex technical skills, collaborative problem solving, dance conditioning, and safe studio practices. They learn about dance in its cultural and historical contexts through research and physical experiences, explore exemplary modern works, employ dance as a healthy life skill, and use dance terminology appropriately to describe the expressive and aesthetic qualities of performance. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source. Please note that this course satisfies one semester of the required physical education needed toward middle grades promotion.

Theater 1– 1 Year

Students learn the basics of building a character through such activities as pantomime, improvisation, and effective speaking using articulation, projection, and breathing. Students also learn the importance of technical theatre and explore the use of such elements as costumes, props, and scenery. Students practice writing for the theatre and explore various theatre roles and functions. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Beginning Spanish– 1 Year

M/J Spanish Beginning introduces students to the target language and its culture. Students will learn beginning skills in listening and speaking and an introduction to basic skills in reading and writing. Also, culture, connections, comparisons, and communities are included in this one-year course.

Band 1 -1 Year

Students with little or no instrumental experience develop foundational instrumental technique, foundational music literacy, and aesthetic musical awareness through rehearsal, performance, and study of high-quality band literature. Instrumentalists work on the fundamentals of music notation, sound production, instrument care and maintenance, and personal and group rehearsal strategies. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Band 2 and Career Planning-1 Year

Students with previous band experience build on instrumental technique, music literacy, and aesthetic response through rehearsal, performance, and study of a variety of high-quality band literature. Instrumentalists expand their knowledge of music notation, music theory, sound production, and personal and group rehearsal strategies. In tandem with their learning opportunities in band, students investigate careers in a wide variety of fields guided by the competencies required by Florida Statute. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Comprehensive Physical Education- 1 Year

This course is designed for 7th and 8th grade students. The purpose of this course is to build on previously acquired knowledge, skills, and values necessary for the implementation and maintenance of a physically active lifestyle. The course content provides exposure to a variety of movement opportunities and experiences which include, but is not limited to: Outdoor Pursuits/Aquatics, Individual/Dual Sports and Alternative/Extreme Sports. The integration of fitness concepts throughout the content is critical to student success in this course and in the development of a healthy and physically active lifestyle.

Digital Media/Multimedia Design 1 Advanced Course 1-Year (High School Credit)

Digital Media/ Multimedia Design is a high school level course (earning high school credit) offered to middle school students. Students will gain skills in the areas of digital photography, photo editing, print/digital design, typography, advertising, and digital portfolio. Some equipment used are Mac computers, digital cameras, professional lighting, Wacom digital tablets, scanners, and a large format printer. Students will have the opportunity to become industry certified in Adobe Photoshop CC. This course provides technical skill proficiency and learning activities in a computer lab setting using hands-on experiences with equipment, materials and technology in accordance with current industry practices. Work may be displayed at the school, district, and state level. Students also have the opportunity to enter work in a variety of contests and showcases. Digital Media Multimedia Design feeds directly into RRHS's New Media Academy. If you choose to enter into the New Media Academy in HS, you will have already completed one of the required courses.

8th Grade Elective Course Catalogue

2016-2017

Computer Applications in Business 1- 1 Semester

This course offers students the opportunity to have fun with computers while learning valuable skills. Each student will be assigned their own computer to work on exciting projects while learning basic keyboarding and word processing skills. In addition students will also learn how to create spreadsheets and use electronic presentation tools such as PowerPoint and Keynote. This course will give you the tools necessary to be successful in all your middle school and high school classes.

Computer Applications in Business 2- 1 Semester

This course offers students the opportunity to have fun with computers while learning valuable skills. Each student will be assigned their own computer to work on exciting projects while learning advanced word processing skills and advanced spreadsheet skills. In addition students will explore the world of multimedia and digital design. Don't miss this opportunity to gain the valuable skills to organize your classwork and create awesome presentations. This course will give you the tools necessary to be successful in high school and be college ready!

Engineering 1-Design and Modeling- Foundation Unit- 1 Semester

Students discover the design process and develop an understanding of the influence of creativity and innovation in their lives. They are then challenged and empowered to use and apply what they've learned throughout the unit to design a therapeutic toy for a child who has cerebral palsy.

Engineering 2 Automation & Robotics – Foundation Unit -1 Semester

Prerequisite Engineering-Design and Modeling Students trace the history, development, and influence of automation and robotics as they learn about mechanical systems, energy transfer, machine automation, and computer control systems. Students use the VEX Robotics® platform to design, build, and program real-world objects such as traffic lights, toll booths, and robotic arms.

Engineering 3. Green Architecture – Specialization Unit-1 Semester

Today's students have grown up in an age of "green" choices. In this unit, students learn how to apply this concept to the fields of architecture and construction by exploring dimensioning, measuring, and architectural sustainability as they design affordable housing units using Autodesk's® 3D architectural design software.

Engineering 4. Energy and the Environment – Specialization Unit-1 Semester

Prerequisite- Automation & Robotics - Students are challenged to think big and toward the future as they explore sustainable solutions to our energy needs and investigate the impact of energy on our lives and the world. They design and model alternative energy sources and evaluate options for reducing energy consumption.

Graphic Arts (Intro to Arts, Audio, Video, Technology, & Career Planning)- 1 Semester

Graphic Art students blend modern day technology with the creativity of fine arts to create a variety of "hands on" projects. Students will use computers, digital cameras, digital drawing tablets, and various design software (including industry leading Adobe Photoshop). Topics include: digital photography, photo editing, logos/advertising, printing, and video/video editing. Work may be displayed at the school, district, and state level. Students also have the opportunity to enter work in a variety of contests and showcases.

Peer Counseling- 1 Semester

The purpose of this course is to enable students to develop awareness of self and others. Emphasis will be on acquisition of basic skills for thoughtful planning, peer facilitation, effective communication and making healthy choices. Students will also assist in classrooms and the media center.

Art -Two Dimensional 1- 1 Semester

Students investigate a wide range of media and techniques, from both an historical and contemporary perspective, as they engage in the art-making processes of creating two-dimensional works, which may include drawing, painting, printmaking, and/or collage. Student artists reflect on their own artwork and that of others through critical analysis to achieve artistic goals related to craftsmanship, technique, and application of 21st-century skills. Opportunities are provided for creative decision-making in the context of the structural elements of art and the organizational principles of design. This course incorporates hands-on activities and consumption of art materials.

Art -Two Dimensional 2- 1 Year

Students explore media and techniques used to create a variety of 2-D artworks through developing skills in drawing, painting, printmaking, and collage. Students practice, sketch, and manipulate the structural elements of art. Investigation of artworks from Western and non-Western cultures provide a means for students to expand their understanding and appreciation of the role of art in global culture. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials.

Art-Three Dimensional Art -1 Year

Prerequisite Art Two Dimensional 1

Students begin an exploration of the structural elements of art used when creating 3-D forms. Additive and subtractive processes are used to manipulate and construct sculptural or ceramic forms in media that may include, but are not limited to clay, wood, plaster, found objects, and paper maché, with consideration of the workability, durability, cost, and toxicity of the media used. Student artists examine the effects of attention to detail, size, position, overlapping, visual pattern, and texture, and these considerations will be reflected in the surface and structural qualities of completed art forms. Students in the 3-D art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials.

Dance 1– 1 Year

Students develop dance technique and movement vocabulary in two or more dance forms. In the process, dancers demonstrate use of class and performance etiquette, analytical and problem-solving skills, and studio practices in a safe dance environment. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source. Please note that this course satisfies one semester of the required physical education needed toward middle grades promotion.

Dance 2 – 1 Year

Students attend to alignment, acquisition of complex technical skills, collaborative problem solving, dance conditioning, and safe studio practices. They learn about dance in its cultural and historical contexts through research and physical experiences, explore exemplary modern works, employ dance as a healthy life skill, and use dance terminology appropriately to describe the expressive and aesthetic qualities of performance. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source. Please note that this course

satisfies one semester of the required physical education needed toward middle grades promotion.

Adv. Dance 3 - 1 Year

Students build technical and creative skills relative to choreographic structure, performance, dance science, and somatic movement practices; and attend to alignment, collaborative problem solving, dance conditioning, and safe studio practices. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source. Please note that this course satisfies one semester of the required physical education needed toward middle grades promotion.

Theater 1– 1 Year

Students learn the basics of building a character through such activities as pantomime, improvisation, and effective speaking using articulation, projection, and breathing. Students also learn the importance of technical theatre and explore the use of such elements as costumes, props, and scenery. Students practice writing for the theatre and explore various theatre roles and functions. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Theatre 2 – 1 Year

Students with previous theatre experience and instruction continue to study acting, design, and dramatic literature to increase the enjoyment and understanding of what is required to prepare plays for the public. Students explore theatre history, costuming, makeup, puppetry and examine the cultural and historical contributions to theatre, and begin to use the information to inform and improve their theatre knowledge and skills. Students begin to use the basic elements of theatre design through practical application and projects. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Theatre 3 Career Planning– 1 Year

Students with previous theatre experience and instruction continue to study acting, design, and dramatic literature to increase the enjoyment and understanding of what is required to continue learning in the arts. We will further our study in technical theatre, stage management, musical theatre, movement, voice, different areas of production. Students continue to use the elements of theatre design through practical application and projects. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Chorus 1 – 1 Year

Students with little or no choral experience develop beginning vocal technique and skills, critical and creative thinking skills, and an appreciation of music from around the world and through time. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Chorus 2 – 1 Year

Students build on previous choral experience to expand vocal, technical, musical, and ensemble skills through rehearsal, performance, and study of high-quality choral literature. Singers focus on increasing knowledge of music theory, music literacy, and aesthetic response. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Chorus 3 – 1 Year

Students with previous choral experience build intermediate-level knowledge of vocal technique, musical literacy, ensemble skills, and related musical knowledge through rehearsal, performance, and study of a variety of high-quality 2-, 3-, and 4-part choral literature. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Band 1 -1 Year

Students with little or no instrumental experience develop foundational instrumental technique, foundational music literacy, and aesthetic musical awareness through rehearsal, performance, and study of high-quality band literature. Instrumentalists work on the fundamentals of music notation, sound production, instrument care and maintenance, and personal and group rehearsal strategies. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Band 2 and Career Planning-1 Year

Students with previous band experience build on instrumental technique, music literacy, and aesthetic response through rehearsal, performance, and study of a variety of high-quality band literature. Instrumentalists expand their knowledge of music notation, music theory, sound production, and personal and group rehearsal strategies. In tandem with their learning opportunities in band, students investigate careers in a wide variety of fields guided by the competencies required by Florida Statute. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Band 3 -1 Year

Students with previous band experience expand on their instrumental technique, music literacy, and aesthetic response through rehearsal, performance, and study of a variety of intermediate-level, high-quality band literature. Instrumentalists extend their knowledge of music notation and theory, sound production, and personal and group rehearsal strategies. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Beginning Spanish – 1 Year

M/J Spanish Beginning introduces students to the target language and its culture. Students will learn beginning skills in listening and speaking and an introduction to basic skills in reading and writing. Also, culture, connections, comparisons, and communities are included in this one-year course.

Spanish 1– 1 Year Advanced (High School credit)

Spanish 1 introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities.

German 1 – 1 Year Advanced (High School credit) At RRHS

German 1 introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities.

Digital Media/Multimedia Design 1 Advanced Course 1-Year (High School Credit)

Digital Media/ Multimedia Design is a high school level course (earning high school credit) offered to middle school students. Students will gain skills in the areas of digital photography, photo editing, print/digital design, typography, advertising, and digital portfolio. Some equipment used are Mac computers, digital cameras, professional lighting, Wacom digital tablets, scanners, and a large format printer. Students will have the opportunity to become industry certified in Adobe Photoshop CC. This course provides technical skill proficiency and learning activities in a computer lab setting using hands-on experiences with equipment, materials and technology in accordance with current industry practices. Work may be displayed at the school, district, and state level. Students also have the opportunity to enter work in a variety of contests and showcases. Digital Media Multimedia Design feeds directly into RRHS's New Media Academy. If you choose to enter into the New Media Academy in HS, you will have already completed one of the required courses.

Digital Media/ Multimedia Design 2 Advanced Course 1-Year (High School Credit)

Prerequisite Digital Media/ Multimedia Design 1 Digital Media/ Multimedia Design 2 is a high school level course (earning high school credit) offered to middle school students. Students will gain skills in the areas of advanced design, illustration, logos, mobile app icons, print design, advertising, and digital portfolio. Some equipment used are Mac computers, Wacom digital tablets, scanners, and a large format printer. Students will have the opportunity to become industry certified in Adobe Illustrator CC. This course provides technical skill proficiency and learning activities in a computer lab setting using hands-on experiences with equipment, materials and technology in accordance with current industry practices. Work may be displayed at the school, district, and state level. Students also have the opportunity to enter work in a variety of contests and showcases.

Digital Media Multimedia Design feeds directly into RRHS'S New Media Academy •

Digital Information Technology- 1 Year (High School Credit)

This course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today's business and academic environments. Emphasis is placed on developing fundamental computer skills. The intention of this course is to prepare students to be successful both personally and professionally in an information based society. Digital Information Technology includes the exploration and use of: databases, the internet, spreadsheets, presentation applications, management of personal information and email, word processing and document manipulation, HTML, web page design, and the integration of these programs using software that meets industry standards. After successful completion of this core course, students will have met Occupational Completion Point A, Information Technology Assistant

Introduction to Engineering Design -1 Year (Adv.- High School Credit) At RRHS

This course exposes students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. Students will employ engineering and scientific concepts in the solution of engineering design problems. In addition, they will learn to use 3D solid modeling design software to design solutions to problems. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions, document the process, and communicate the results. You need to Take Algebra I Honors in 8th grade and complete an application to the Engineering Academy for consideration.

Intro to the Teaching Profession -1 Year (Adv. High School Credit) At RRHS

This course is designed to develop competencies related to the role, regulations, and career path of teacher assistants; the role of education; leadership and CTSO activities; instructional technology; academic skills; interpersonal and communication skills; maintaining appropriate student behavior; and educational support tasks. During this course students must participate in and document a minimum of 10 hours of field experience and/or observation and will begin creating their portfolio.