

Course Descriptions - River Ridge High School

Improvisation

Course Number: 0400620

Grade Level: 9,10,11,12

Course Length: Year

Graduation Area: Performing Fine Arts

Credit: 1.0

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description:

Aerospace Engineering

Course Number: 8600620

Grade Level: 11,12

Course Length: Year

Graduation Area:

Credit: 1

Prerequisites: Introduction to Engineering Design
Computer Integrated Manufacturing

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: Aerospace Engineering engages students in engineering design problems related to aerospace information systems, astronautics, rocketry, propulsion, the physics of space science, space life sciences, the biology of space science, principles of aeronautics, structures and materials, and systems engineering. Using 3-D design software, students work in teams utilizing hands-on activities, projects and problems and are exposed to various situations encountered by aerospace engineers. This course is designed for 11th or 12 grade students

Biotechnical Engineering

Course Number: 8600630

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The major focus of this course is for students to explore the diverse field of biotechnology including biomedical engineering, molecular genetics, bioprocess engineering, agricultural and environmental engineering. Lessons engage students in design problems related to biomechanics, cardiovascular and genetic engineering, agricultural biotechnology, tissue engineering, biomedical devices, forensics and bioethics. Students learn to apply biological and engineering concepts to design materials and processes that directly measure, repair and improve living systems.

Course Descriptions - River Ridge High School

Industrial Communications

Course Number: 8771110

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area: Career and Technical

Credit: 1.0

Prerequisites: 9-12, 30, 31

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course is designed to develop skills required for careers in the communication industry. Students will study methods and strategies related to producing journalistic writing, media production modes such as desktop publishing, photography, commercial art and television as well as develop an understanding of creative support operations. This will encompass all aspects of print and television media as well as developing script copy, layout design and technical abilities associated with planned productions and digital storytelling.

Course Descriptions - River Ridge High School

Art

AP Art-History of Art

Course Number: 0100300

Grade Level: 9, 10, 11, 12, 30, 31

Course Length:

Graduation Area:

Credit: 1.0

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description:

Art/2-D Comprehensive 1

Course Number: 0101300

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area:

Credit: .5

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to enable students to communicate ideas or concepts through the use of two-dimensional design and composition.

Art/2-D Comprehensive 2

Course Number: 0101310

Grade Level: 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of C or better in Art/2-D Comprehensive I.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to give students an extensive experience in the artistic expression of ideas through two-dimensional art media. The content includes the artistic qualities of original art, design principles, manipulative skills and organization, and the aesthetic merit and qualities of two-dimensional works of art. Also included should be production and critiquing of ideas and/or images; the elements of color, value, line, space, shape/form and texture; principles of emphasis, balance, rhythm, unit, repetition, contrast and proportion; expressive ideas in painting and other two-dimensional art; and the development and refinement of skills, self-expression and knowledge in various selected media and areas of interest.

Course Descriptions - River Ridge High School

Art/2-D Comprehensive 3

Course Number: 0101320

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of C or better in Art/2-D Comprehensive II.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to give students experience in the artistic expression of ideas through two-dimensional art media. The content includes perception and response to the expressive character of two-dimensional art; the production of drawings and paintings and other two-dimensional art; reconsideration of certain fixed ideas about darks and lights and positive and negative space; deliberate, precise and free approaches to subjects; development of skills of concentration, perceptual awareness, intense study, and creative imagination.

Art/3-D Comprehensive 1

Course Number: 0101330

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area:

Credit: .5

Prerequisites: Successful completion of previous art course or teacher approval.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to enable students to communicate ideas or concepts through the use of three-dimensional design and composition.

Course Descriptions - River Ridge High School

Art/3-D Comprehensive 2

Course Number: 0101340

Grade Level: 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Prerequisites: Successful completion of C or better in Art/3-d Comprehensive I or its equivalent.

Course Description: The purpose of this course is to give students an understanding of three-dimensional art methods, media, techniques and craftsmanship. The content includes production and appreciation of original 3-D art forms; perception and response to design qualities; the value of design in 3-D art; the production of individual sculpture and 3-D art statements; understanding the history of tradition and contemporary 3-D art and relationship of arts to the cultures in which they are found. The content should also include the criterion for making judgments about the aesthetic merits of 3-D art; opportunities to utilize technical and compositional skills for expression in various mediums; the practice of design skills using line, shape, texture, form, space and color; development of creativity, problem-solving and personal expression through an understanding of the relationship between technical process, form and function within historical perspective; craftsmanship, presentation, critique, evaluation and discussion of aesthetic merits of 3-D art; knowledge and practices of safety principles, and exploration of art career possibilities.

Art/3-D Comprehensive 3

Course Number: 0101350

Grade Level: 11, 12, 30, 31

Course Length: Year

Graduation Area:

Credit: 1.0

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Prerequisites: Successful completion of C or better in Art/3-D Comprehensive II or its equivalent.

Course Description: The purpose of this course is to give students an understanding of three-dimensional art methods, media, techniques and craftsmanship. The content includes the production of original 3-D art forms; perception and response to relationships of design qualities; the value of sculpture and functional forms; the production of individual and imaginative statements in sculpture; knowledge about traditional and contemporary merits of 3-D art forms; student utilization of technical, compositional and expressive skills; generation of creative ideas, problem-solving and planning for personal expression; and exploration of art career possibilities.

Course Descriptions - River Ridge High School

Drawing 1

Course Number: 0104340

Grade Level: 9, 10, 11, 12, 30, 31

Course Length: Semester

Graduation Area: Performing Fine Arts

Credit: 0.5

Prerequisites: Successful completion of C or better in previous art course or teacher approval.

Bright Scholars: No

Gold Seal Core Course: Yes

Gold Seal Voc. Course: No

Course Description: The purpose of this course is to enable students to develop the perceptual, observational, and compositional skills necessary to create and communicate a range of subject matter, symbols, ideas, and concepts using knowledge of drawing media, techniques, and the history of art.

Digital Art IMG 1

Course Number: 0108370

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area: Performing Fine Arts

Credit: 1.0

Prerequisites: None.

Bright Scholars: No

Gold Seal Core Course: Yes

Gold Seal Voc. Course: No

Course Description:

Digital Art IMG 2

Course Number: 0108380

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area: Performing Fine Arts

Credit: 1.0

Prerequisites: None.

Bright Scholars: No

Gold Seal Core Course: Yes

Gold Seal Voc. Course: No

Course Description:

Course Descriptions - River Ridge High School

Digital Art IMG 3

Course Number: 0108390

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area: Performing Fine Arts

Credit: 1.0

Prerequisites: None.

Bright Scholars: No

Gold Seal Core Course: Yes

Gold Seal Voc. Course: No

Course Description:

Portfolio 1

Course Number: 0109310

Grade Level: 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of B or better in previous art courses or teacher approval.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to enable students to create a portfolio of art works, including a statement of purpose. Emphasis will be placed on the use and management of a professional portfolio.

AP Art 2D Portfolio

Course Number: 0109350

Grade Level: 11,12

Course Length: Year

Graduation Area: Performing Fine Arts

Credit: 1.0

Prerequisites:

Bright Scholars: X4

Gold Seal Core Course: Yes

Gold Seal Voc. Course: No

Course Description:

Course Descriptions - River Ridge High School

Career and Technical - Business Technology Education

Business Cooperative Education - OJT

Course Number: 8200410

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Prerequisites: Concurrent enrollment in a Business Technology Education course , exiting a Business Technology Education Program at the second Occupational Completion Point (OCP), or completion of a Business Technology Education Program. Business Cooperative Coordinators' approval is required.

Course Description: Integration and application of the competencies mastered within the Business Education sequence through related instruction and on-the-job training in a business occupations. Classroom instruction and supervised on-the-job experiences permit the student to refine and further develop competencies in business occupations.

Introduction to Information Technology

Course Number: 8207310

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: 9-12

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course is designed to provide an introduction to information technology concepts and careers as well as the impact information technology has on the world, people, and industry and basic web design concepts. The content includes information technology career research; operating systems and software applications; electronic communications including e-mail and Internet services; basic web commands and design; and emerging technologies.

Course Descriptions - River Ridge High School

Digital Design 1

Course Number: 8209510

Grade Level: 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Keyboarding and Business Skills and Computer and Business Skills
or
Business Systems and Technology 1
and
Business Systems and Technology 2

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course is designed to develop entry-level skills required for careers in the digital publishing industry. The content includes computer skills; digital publishing concepts and operations; layout, design, and measurement activities; decision-making activities; and digital imaging.

Digital Design 2

Course Number: 8209520

Grade Level: 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Keyboarding and Business Skills and Computer and Business Skills
or
Business Systems and Technology 1
and
Business Systems and Technology 2
and
Digital Publishing 1

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course continues the development of basic entry-level skills required for careers in the digital publishing industry. The content includes computer skills; digital publishing operations; layout, design, and measurement activities; decision-making activities; and digital imaging.

Course Descriptions - River Ridge High School

Digital Design 3

Course Number: 8209530

Grade Level: 11, 12

Course Length: Year

Graduation Area: Career and Technical

Credit: 1.0

Prerequisites: 9-12, 30, 31

Bright Scholars: No

Gold Seal Core Course: Yes

Gold Seal Voc. Course: Yes

Course Description:

Course Descriptions - River Ridge High School

Career and Technical - Diversified Occupations

Guided Workplace Learning

Course Number: 8300430

Grade Level: 10, 11, 12

Course Length: Multiple

Graduation Area:

Credit: 1.0

Prerequisites: 9-12, 30, 31

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course offers students an opportunity to integrate occupational and applied academic learning and to apply knowledge and skills learned in a classroom to actual work situations not generally available through paid employment.

Course Descriptions - River Ridge High School

Career and Technical - Family and Consumer Science

Parenting Skills

Course Number: 8500300

Grade Level: 9, 10, 11, 12

Course Length: Semester

Graduation Area:

Credit: 0.5

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: Students may only earn three credits in Practical Arts Home Economics courses in grades 9-12.

This course provides instruction in modern parenting skills, such as self-esteem as it relates to children, communication between parent and child, parent concerns, and the importance of the family.

Child Development

Course Number: 8500310

Grade Level: 9, 10, 11, 12

Course Length: Semester

Graduation Area:

Credit: 0.5

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: Students may only earn three credits in Practical Arts Home Economics courses in grades 9-12.

This course provides instruction in the development, care, and guidance of children. Content includes pregnancy and childbirth, developmental stages of children, observation of children and hands-on activities working with young children.

Course Descriptions - River Ridge High School

Nutrition and Wellness

Course Number: 8500355

Grade Level: 9, 10, 11, 12

Course Length: Semester

Graduation Area:

Credit: 0.5

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: Students will learn in this course the “Art of Healthy Eating” through understanding the importance of nutrition in a healthy lifestyle. This course teaches selection, service, storage, meal management skills, and food preparation using the latest technology with computers and appliances. The student will be aware of consumer issues and food choices based on life cycle.

Principles Of Food Preparation

Course Number: 8500390

Grade Level: 9, 10, 11, 12

Course Length: Semester

Graduation Area:

Credit: 0.5

Prerequisites: Nutrition and Wellness recommended.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: Students may only earn three credits in Practical Arts Home Economics courses in grades 9-12.

This course provides instruction in the selection, storage, and preparation of food. Students will prepare food in a lab setting and will be able to eat most of the food they prepare.

Course Descriptions - River Ridge High School

Career and Technical - Industrial Education

Civil Engineering and Architecture

Course Number: 8600590

Grade Level: 11, 12

Course Length: Year

Graduation Area: Career and Technical

Credit: 1.0

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: Students apply what they learn about various aspects of civil engineering and architecture to the design and development of a property. Working in teams, students explore hands-on activities and projects to learn the characteristics of civil engineering and architecture. In addition, students use 3D design software to help them design solutions to solve major course projects. Students learn about documenting their project, solving problems and communicating their solutions to their peers and members of the professional community of civil engineering and architecture. This course is designed for 11th or 12th grade students.

Engineering Design and Development

Course Number: 8600650

Grade Level: 11, 12

Course Length: Year

Graduation Area: Career and Technical

Credit: 1.0

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This is an engineering research course in which students will work in teams to research, design, test and construct a solution to an open-ended engineering problem. The product development life cycle and a design process are used to guide and help the team to reach a solution to the problem. The team presents and defends their solution to a panel of outside reviewers at the conclusion of the course. The EDD course allows students to apply all the skills and knowledge learned in previous Project Lead The Way courses. The use of 3D design software helps students design solutions to the problem their team has chosen. This course also engages students in time management and teamwork skills, a valuable set for students in the future. This course is designed for 12th grade students.

Course Descriptions - River Ridge High School

Career and Technical - Marketing

Business Ownership

Course Number: 8812000

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area: Career and Technical

Credit: 1.0

Prerequisites: 9-12, 30, 31

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description:

Course Descriptions - River Ridge High School

Career and Technical - Practical Arts

FOUND OF WEB DESIGN

Course Number: 9001110

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course is designed to provide a basic overview of the Internet, Intranet, and WWW. The content includes operating systems; basic HTML commands; navigation of the Internet, Intranet, and Web; and Web page design.

Course Descriptions - River Ridge High School

Career and Technical - Technology Education

Introduction to Engineering Design

Course Number: 8600550

Grade Level: 9,10

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: Designed for 9th or 10th grade students, the major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation. Students use 3D solid modeling design software to help them design solutions to solve proposed problems and learn how to document their work and communicate solutions to peers and members of the professional community.

Computer Integrated Manufacturing

Course Number: 8600560

Grade Level: 10,11,12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Introduction to Engineering Design

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: Students answer the questions: How are things made? What processes go into creating products? Is the process for making a water bottler the same as it is for a musical instrument? How do assembly line work? How has automation changed the face of manufacturing? As students find the answers to these questions, they learn about the history of manufacturing, a sampling of manufacturing processes, robotics and automation. The course is built around several key concepts: computer modeling, Computer Numeric Control (CNC) equipment, Computer Aided Manufacturing (CAM) software, robotics and flexible manufacturing systems. This course is designed for 10th, 11th, and 12 grade students

Course Descriptions - River Ridge High School

Dance

Dance Technique 1

Course Number: 0300310

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 0.5

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide students with knowledge and skills in various dance styles through acquisition of technique, choreographic process, aesthetic awareness, and performance quality.

Dance Techniques 2

Course Number: 0300320

Grade Level: 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 0.5

Prerequisites: Successful completion of Dance Technique I.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to extend the acquisition of knowledge and the development of techniques of dance. Acquisition of technique and choreography skills should be stressed.

Dance Techniques 3 Honors

Course Number: 0300330

Grade Level: 9,10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to enable students to acquire knowledge of choreography and refine performing skills in various dance techniques (modern, jazz, tap, and ethnic genres).

Course Descriptions - River Ridge High School

Dance Techniques 4 Honors

Course Number: 0300334

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to enable students to further develop advanced knowledge and skills in varied dance styles through acquisition and improvement of technique, choreographic process, aesthetic elements, performance quality, and expressive range. Emphasis shall be placed on staging techniques through independent work in solo and group choreography, culminating in a final performance project. The content should include, but not be limited to, the following:

- technical skills and techniques in varied dance styles
- movement terminology
- solo and ensemble performance
- group movement and choreographic principles, processes, and structures
- historical and cultural perspectives
- critical and creative processes
- performance evaluation
- personal performance style
- performance repertoire
- staging techniques for dance performances
- connections between dance and healthful living
- connections between dance and other subject areas

Dance Choreography/Performance 1

Course Number: 0300380

Grade Level: 9, 10, 11, 12

Course Length:

Graduation Area:

Credit: .5

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to enable students to develop knowledge of choreography and performance skills, and apply it to varied dance genres, such as ballet, modern, jazz, ethnic, and tap. The content should include, but not be limited to, the following:

- history of major genres, dancers, and choreographers
- choreographic principles
- technical proficiency in varied styles
- improvisation and transitional movements
- elements of music
- choreographic design
- performance analysis
- connections between dance and healthful living
- connections between dance and other subject areas

Course Descriptions - River Ridge High School

Dance Choreography/Performance 2

Course Number: 0300390

Grade Level: 10, 11, 12

Course Length: Year

Graduation Area:

Credit: .5

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide the talented and skilled dancers with opportunity to further extend the acquisition of knowledge of techniques of choreography and performance.
The content should include, but not be limited to experiences in dance critique, research on periods in dance history, lighting design, intermediate and advanced dance techniques in a variety of dance forms, and dance choreography for performance.

Course Descriptions - River Ridge High School

Drama-Theatre Arts

Theatre 1

Course Number: 0400310

Grade Level: 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of Introduction to Drama or its equivalent or teacher recommendation.

Bright Scholars:
Gold Seal Core Course:
Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide students with increasingly in-depth study of the multiple elements of the theatre as a collaborative art.

Theatre 2

Course Number: 0400320

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of C or better in Drama I or its equivalent or teacher recommendation.

Bright Scholars:
Gold Seal Core Course:
Gold Seal Voc. Course:

Course Description: The purpose of this course is to continue the development of skills from Drama I useful to the study and practice of theatre arts. The content includes instruction in reading and interpreting dramatic literature, studying techniques and mechanics of acting: set, costume and lighting design, as well as other feature of stagecraft.

Theatre 3 Honors

Course Number: 0400330

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of C or better in Drama II or its equivalent or teacher recommendation.

Bright Scholars:
Gold Seal Core Course:
Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide opportunities for drama students to continue study in acting and production techniques. The content should include, but not be limited to, instruction in specific acting techniques used in various kinds of dramatic presentations, study of acting theories, practice and theory in set design, make-up, and lighting.

Course Descriptions - River Ridge High School

Theatre 4 Honors

Course Number: 0400340

Grade Level: 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of C or better in Drama III or its equivalent or teacher recommendation.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide opportunities for advanced drama students to continue study in various aspects of dramatic and theatrical art. The content includes the study and practical application in costume, scenery, lighting, a sound design, make-up techniques, advanced acting techniques and theatrical management. Acting emphasis will be placed upon the development of unique performing styles and solo and ensemble presentations.

Acting 1

Course Number: 0400370

Grade Level: 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of B or better in Introduction to Drama, Theatre Arts or its equivalent or teacher recommendation.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to enable students to develop and integrate acting skills through varied individual and group applications in acting.

Acting 2

Course Number: 0400380

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of B or better in Acting I or its equivalent or teacher recommendation.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to develop the acting skills of the student. The content should include: scene study, ensemble acting, various character studies, and historical styles of acting.

Course Descriptions - River Ridge High School

Acting 3

Course Number: 0400390

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of B or better in Acting II or its equivalent or teacher recommendation.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to use acting skills and techniques.

The content should include, but not be limited to acting methods, character analysis and auditioning methods.

Acting 4

Course Number: 0400400

Grade Level: 11, 12

Course Length: Year

Graduation Area: Performing Fine Arts

Credit: 1.0

Prerequisites: Successful completion of B or better in Acting III or its equivalent or teacher recommendation.

Bright Scholars: No

Gold Seal Core Course: Yes

Gold Seal Voc. Course: No

Course Description: The purpose of this course is to integrate acting skills for the career - oriented student. The content should include, but not be limited to audition methods, character analysis and acting techniques including mass media production.

Course Descriptions - River Ridge High School

Foreign Languages

German 1

Course Number: 0702320

Grade Level: 9, 10,11

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: None.

Bright Scholars:
Gold Seal Core Course:
Gold Seal Voc. Course:

Course Description: This course introduces students to the German language and its culture. The content includes beginning skills in speaking, listening, reading, and writing German. Special attention is focused on German pronunciation.

German 2

Course Number: 0702330

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of German I or mastery of student performance standards and course competencies corresponding to German I.

Bright Scholars: Yes
Gold Seal Core Course: No
Gold Seal Voc. Course: No

Course Description: This course reinforces the fundamental skills acquired in German. Standards for Communication, Knowledge and Understanding of other cultures, connections with other disciplines to acquire information, insight into the nature of language and culture and participation in multilingual communities at home and around the world are emphasized through target language instruction at the novice high to intermediate low levels of language proficiency as determined by the ACTFL guidelines.

Course Descriptions - River Ridge High School

German 3

Course Number: 0702340

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Bright Scholars: Yes

Gold Seal Core Course: No

Gold Seal Voc. Course: No

Prerequisites: Successful completion of German II or mastery of student performance standards and course competencies corresponding to German II.

Course Description: This course reinforces and expands the skills acquired by the student in German II. The content includes the expansion of vocabulary and conversational skills through discussions based on selected readings. The students' acquisition of grammatical concepts is strengthened. Vocabulary study stresses activities which are important to the everyday life of German-speaking people.

This course continues to develop the students' listening, speaking, reading and writing abilities in German. Standards for Communication, Knowledge and Understanding of other cultures, connections with other disciplines to acquire information, insight into the nature of language and culture and participation in multilingual communities at home and around the world are emphasized through target language instruction at the intermediate mid - intermediate high levels of language proficiency as determined by the ACTFL guidelines.

German 4

Course Number: 0702350

Grade Level: 12

Course Length: Year

Graduation Area:

Credit: 1.0

Bright Scholars: Yes

Gold Seal Core Course: No

Gold Seal Voc. Course: No

Prerequisites: Successful completion of German III or mastery of student performance standards and course competencies corresponding to German III.

Course Description: This course concentrates on the more advanced language structures and idiomatic expressions, with emphasis on conversational skills. Vocabulary is expanded. Students read from a variety of sources including German literature, participate in discussions and write reports.

This course continues to develop the students' listening, speaking, reading and writing abilities in German. Standards for Communication, Knowledge and Understanding of other cultures, connections with other disciplines to acquire information, insight into the nature of language and culture and participation in multilingual communities at home and around the world are emphasized through target language instruction at the intermediate high to advanced low levels of language proficiency as determined by the ACTFL guidelines.

Course Descriptions - River Ridge High School

German 5

Course Number: 0702360

Grade Level: 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of German 4 or mastery of student performance standards and course competencies corresponding to German 4.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course concentrates on the more advanced language structures and idiomatic expressions, with emphasis on conversational skills. Vocabulary is expanded. Students read from a variety of sources including German literature, participate in discussions and write reports.

This course continues to develop the students' listening, speaking, reading and writing abilities in German. Standards for Communication, Knowledge and Understanding of other cultures, connections with other disciplines to acquire information, insight into the nature of language and culture and participation in multilingual communities at home and around the world are emphasized through target language instruction at the intermediate high to advanced low levels of language proficiency as determined by the ACTFL guidelines.

AP - German Language

Course Number: 0702380

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of German III or mastery of the student performance standards and course competencies corresponding to German III.

Bright Scholars: Yes

Gold Seal Core Course: No

Gold Seal Voc. Course: No

Course Description: This course concentrates on the development of advanced oral and written proficiency in the German language. The course prepares the student to take the College Board Advanced Placement Examination in German. The content of the course follows the Advanced Placement Program guidelines and the ACTFL advanced level guidelines for determining language proficiency.

The Advanced Placement examination in a foreign language represents a national standard set by Princeton University. Successful achievement scores on the examination guarantees a waiver of college foreign language requirements, where such exist, and assure the student placement in an advanced college level class if he/she chooses to continue the study of German at the post secondary level.

Course Descriptions - River Ridge High School

Spanish 1

Course Number: 0708340

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course introduces students to the Spanish language and its culture. The content includes beginning skills in speaking, listening, reading and writing Spanish. Special attention is focused on Spanish pronunciation.

Standards for Communication, Knowledge and Understanding of other cultures, connections with other disciplines to acquire information, insight into the nature of language and culture and participation in multilingual communities at home and around the world are emphasized through target language instruction at the novice low to novice mid levels of language proficiency as determined by the ACTFL guidelines.

Spanish 2

Course Number: 0708350

Grade Level: 9,10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of Spanish I or mastery of the student performance standards and course level competencies corresponding to Spanish I.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course continues to develop the students' listening, speaking, reading and writing abilities in Spanish.

Standards for Communication, Knowledge and Understanding of other cultures, connections with other disciplines to acquire information, insight into the nature of language and culture and participation in multilingual communities at home and around the world are emphasized through target language instruction at the novice high to intermediate low levels of language proficiency as determined by the ACTFL guidelines.

Course Descriptions - River Ridge High School

Spanish 3 Honors

Course Number: 0708360

Grade Level: 10,11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of Spanish I I or mastery of the student performance standards and course level competencies corresponding to Spanish II.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course reinforces and expands the skills acquired by the students in Spanish II. The content includes the expansion of vocabulary and conversational skills through discussions based on selected readings. Students' acquisition of grammatical concepts is strengthened. Vocabulary study stresses activities which are important to everyday life of Spanish-speaking peoples.

This course continues to develop the students' listening, speaking, reading and writing abilities in Spanish. Standards for Communication, Knowledge and Understanding of other cultures, connections with other disciplines to acquire information, insight into the nature of language and culture and participation in multilingual communities at home and around the world are emphasized through target language instruction at the intermediate mid to intermediate high levels of language proficiency as determined by the ACTFL guidelines.

Spanish 4 Honors

Course Number: 0708370

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of Spanish III or mastery of the student performance standards and course level competencies corresponding to Spanish III.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course concentrates on the more advanced language structures and idiomatic expressions, with emphasis on conversational skills. Vocabulary is expanded. Students read from a variety of sources including Spanish literature.

This course continues to develop the students' listening, speaking, reading and writing abilities in Spanish. Standards for Communication, Knowledge and Understanding of other cultures, connections with other disciplines to acquire information, insight into the nature of language and culture and participation in multilingual communities at home and around the world are emphasized through target language instruction at the intermediate high to advanced low levels of language proficiency as determined by the ACTFL guidelines.

Course Descriptions - River Ridge High School

AP - Spanish Language

Course Number: 0708400

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Prerequisites: Successful completion of Spanish III or mastery of the student performance standards and course level competencies corresponding to Spanish III.

Course Description: This course concentrates on the development of advanced oral and written proficiency in the Spanish language. The course prepares the student to take the College Board Advanced Placement Examination in Spanish. The content of the course adheres to the Advanced Placement Program guidelines.

The Advanced Placement examination in a foreign language represents a national standard set by Princeton University. Successful achievement scores on the examination guarantees a waiver of college foreign language requirements, where such exist, and assure the student placement in an advanced college level class if he/she chooses to continue the study of Spanish at the post secondary level.

Course Descriptions - River Ridge High School

Language Arts

English 1

Course Number: 1001310

Grade Level: 9

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course provides instruction in reading, writing, listening and speaking skills. Emphasis is placed upon vocabulary development and the improvement of reading comprehension. Composition instruction focuses upon writing effective paragraphs and multi-paragraph papers. The course includes opportunities for the student to evaluate and critique the mass media. Earning credit in English I precludes earning credit in English Skills I or English Honors I.

Course meets English graduation requirement.

English Honors 1

Course Number: 1001320

Grade Level: 9

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course provides advanced instruction in reading, writing, listening and speaking. Emphasis is placed on the critical analysis of a variety of literary genres. Composition instruction emphasizes all stages of the writing process, including prewriting, writing and revising. Emphasis is given to writing for a variety of different audiences. Earning credit in English Honors I precludes earning credit in English Skills or English I.

Course meets English graduation requirement.

Course Descriptions - River Ridge High School

English 2

Course Number: 1001340

Grade Level: 10

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: 1. One English credit.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course provides instruction in reading, writing, listening and speaking. Vocabulary development is emphasized. Literature study concentrates on the themes and genres that are found in world literature. Cultural differences and cultural values are explored. The course includes composition instruction which focuses on the writing of a wide range of material for various purposes and different audiences. Earning credit in English II precludes earning credit in English Skills I or English Honors II.

Course meets English graduation requirement.

English Honors 2

Course Number: 1001350

Grade Level: 10

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: 1. One English credit.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course provides advanced instruction in reading, writing, listening and speaking. The universal themes of world literature are analyzed and discussed. Critical analysis of various literary genres is emphasized. Frequent practice is provided in all aspects of the composition process. Vocabulary study focuses on verbal analogies and other types of test items that are commonly found on standardized tests. Earning credit in English Honors II precludes earning credit in English Skills II or English II.

Course meets English graduation requirement.

Course Descriptions - River Ridge High School

English 3

Course Number: 1001370

Grade Level: 11

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Two English credits.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course provides instruction in reading, writing, listening and speaking. Literature study concentrates on the themes and genres that are found in American literature. This study includes the analysis of representative examples of American literature in various genres. Vocabulary study focuses upon verbal analogies and other patterns commonly found on standardized tests. The course includes the writing of documented research papers. Earning credit in English III precludes earning credit in English Skills III or English Honors III.

Course meets English graduation requirement.

English Honors 3

Course Number: 1001380

Grade Level: 11

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: 1. Two English credits.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course provides advanced instruction in reading, writing, listening and speaking. Literature study concentrates on the themes and genres that are found in American literature. Emphasis is placed on the distinctively American qualities of the literature and its ethnic and cultural diversity. Frequent writing practice is provided. This course includes the writing of documented research papers. Earning credit in English Honors III precludes earning credit in English Skills III or English III.

Course meets English graduation requirement.

Course Descriptions - River Ridge High School

English 4: Florida College Prep

Course Number: 1001405

Grade Level: 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: 1. Three English credits.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course provides instruction in reading, writing, listening and speaking. Literature study concentrates on the themes and genres that are found in British literature. This study includes the analysis of representative examples of British literature as well as the study of the history of the English language. The course includes the writing of documented research papers. Earning credit in English IV precludes earning credit in English Skills IV or English Honors IV.

Course meets English graduation requirement.

English Honors 4

Course Number: 1001410

Grade Level: 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: 1. Three English credits.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course provides advanced instruction in reading, writing, listening and speaking. Literature study concentrates on the themes and genres that are found in British literature. This study includes the analysis of major British literary works of various genres. Influences that have shaped the English language throughout history are also explored. The course includes the writing of documented research papers. Earning credit in English Honors IV precludes earning credit in English Skills IV or English IV.

Course meets English graduation requirement.

Course Descriptions - River Ridge High School

AP English Language and Composition

Course Number: 1001420

Grade Level: 11

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to prepare students to take the College Board Advanced Placement Examination in English Language and Composition. The course will focus on the principles of effective writing using prose selections from a wide variety of sources. This course meets the English graduation requirement.

AP English Literature and Composition

Course Number: 1001430

Grade Level: 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: 1. Three English credits.
2. A writing sample and either a grade of A or B in English Honors III or English teacher approval.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to prepare students to take the College Board Advanced Placement Examination in English Composition and Literature. The major literary content of the course is British literature; however, any literary work that serves the purpose of developing the student's analytical skills may be introduced.

Course meets English graduation requirement.

Journalism 1

Course Number: 1006300

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Demonstration of writing proficiency or teacher approval.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course is designed to be a broad-based course which will acquaint the student with the fundamentals of journalism. The content includes instruction in the history and traditions of journalism, photography, layouts, advertising, printing, and other practical aspects of journalism. The student will be involved in workshop experiences that may include writing editorials, sports and news articles, advertising, or feature stories.

Course Descriptions - River Ridge High School

Journalism 2

Course Number: 1006310

Grade Level: 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Journalism I or equivalent or teacher approval.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course is designed to continue the study of journalism that was begun in Journalism I. The student receives instruction in ways to gather information and how to write and edit news, sports, and feature stories. The student will be involved in workshop experiences that may include more advanced techniques of photography, layout, advertising, and printing. Emphasis is also placed on career opportunities related to journalism.

Journalism 3

Course Number: 1006320

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Journalism II or equivalent or teacher approval.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide the opportunity for an advanced journalism student to continue studies in writing and production techniques and to participate in workshops to prepare materials for publication. Emphasis is also placed on journalistic leadership skills, including time management, utilization of personnel, and task organization.

Journalism 4

Course Number: 1006330

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of Journalism III or equivalent or teacher approval.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide the opportunity for an advanced journalism student to continue studies in writing and production techniques and to participate in workshops to prepare materials for publication. Emphasis is also placed on advanced organizational and management skills related to journalism as well as using the students' skills in writing, graphic design and/or photography.

Course Descriptions - River Ridge High School

Journalism 5

Course Number: 1006331

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of Journalism 4 or equivalent or teacher approval.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide the opportunity for an advanced journalism student to continue studies in writing and production techniques and to participate in workshops to prepare materials for publication. Emphasis is also placed on advanced organizational and management skills related to journalism as well as using the students' skills in writing, graphic design and/or photography.

Creative Writing 1

Course Number: 1009320

Grade Level: 9, 10, 11, 12

Course Length: Semester

Graduation Area:

Credit: 0.5

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course develops writing and language skills needed for individual expression in literary forms. These should include original poetry, short stories, plays, and novels, as well as essays and other non-fiction.

Creative Writing 2

Course Number: 1009330

Grade Level: 9, 10, 11, 12

Course Length: Semester

Graduation Area:

Credit: 0.5

Prerequisites: Successful completion of Creative Writing I or teacher recommendation.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course extends the development of those writing and language skills needed for individual expression in literary forms, as introduced in Creative Writing I. This course will include technical aspects of publishing students' work in literary publications.

Course Descriptions - River Ridge High School

Mathematics

Algebra 1

Course Number: 1200310

Grade Level: 9, 10

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Mastery of basic computational skills and related applications with whole numbers, fractions, and percents.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course is designed to develop the concepts and skills in first year algebra . Topics shall include operations with rational numbers, variables, ratio and proportion, graphs, sets, number theory, equations, polynomials, algebraic expressions and factoring.

Algebra 1 Honors

Course Number: 1200320

Grade Level: 9

Course Length: Year

Graduation Area: Mathematics

Credit: 1.0

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course is designed to develop the concepts and skills in first year algebra . Topics shall include operations with rational numbers, variables, ratio and proportion, graphs, sets, number theory, equations, polynomials, algebraic expressions and factoring. This is much faster and deeper paced course than Algebra I

Algebra 2

Course Number: 1200330

Grade Level: 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of Algebra I, or Algebra I equivalent course work.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course is designed to continue the study of the structure of algebra and to provide the foundation for applying these skills to other mathematical and scientific fields. Topics shall include graphs, polynomials and rational expressions, quadratic equations and inequalities, exponents, irrational numbers, logarithms and complex numbers.

Course Descriptions - River Ridge High School

Algebra 2 Honors

Course Number: 1200340

Grade Level: 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: 1. Stanines 8 or 9 in mathematics achievement.
2. B average in Algebra I/Geometry, or
3. Teacher recommendation.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course includes all the topics in Algebra II plus conic sections, probability theory, and matrix algebra.

Mathematics for College Readiness

Course Number: 1200700

Grade Level: 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Mastery of basic computational skills and related applications with whole numbers, fractions, and percents.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course is designed to develop the concepts and skills in first year algebra. Topics shall include operations with rational numbers, variables, ratio and proportion, graphs, sets, number theory, equations, polynomials, algebraic expressions and factoring.

AP Calculus AB

Course Number: 1202310

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Trigonometry/Analytic Geometry, or Mathematical Analysis, or Pre-Calculus.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course is designed to offer students college level mathematics under the guidelines of the Advanced Placement program. The course content will follow the outline set forth by the College Board for Advanced Placement Calculus AB.

Course Descriptions - River Ridge High School

AP Calculus BC

Course Number: 1202320

Grade Level: 11, 12

Course Length: Year

Graduation Area: Mathematics

Credit: 1.0

Prerequisites: Trigonometry/Analytic Geometry or Mathematical Analysis, or Pre-Calculus.

Bright Scholars: Yes

Gold Seal Core Course: Yes

Gold Seal Voc. Course: No

Course Description: This course is a study of the topics outlined by the College Board for Advanced Placement Calculus BC. It provides an extensive study of the general theory and techniques of calculus.

Pre-Calculus

Course Number: 1202340

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Algebra II and Geometry.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course is designed to emphasize the concepts and skills necessary for the study of calculus. Topics include functions, sequences and series, limits, vectors, conic sections, polar coordinates, symbolic logic, mathematical induction, matrix algebra, trigonometric and circular functions.

Geometry

Course Number: 1206310

Grade Level: 10, 11

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of Algebra I, or Algebra I equivalent course work.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course is designed to emphasize critical thinking involving the discovery of relationships and their proofs, and applying the deductive methods to mathematical situations. Topics shall include logic and reasoning, lines, planes, angles, triangles, similarity, congruence, polygons and circles.

Course Descriptions - River Ridge High School

Geometry Honors

Course Number: 1206320

Grade Level: 9,10

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: 1. B average in Algebra I; or
2. Teacher recommendation.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course includes all the topics of geometry plus coordinate and transformational geometry, and concepts of non-Euclidian geometry.

LIB ARTS MATH 1

Course Number: 1207300

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area: Mathematics

Credit: 1

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description:

Probability & Statistics with Applications

Course Number: 1210300

Grade Level: 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Algebra II, or B average in Algebra I, or B average in Algebra I equivalent course work.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course is designed to provide a basic understanding of descriptive and inferential statistics. Topics include the measures of central tendency, standard deviation, combinations and permutations, probability, sampling, and various distributions. Emphasis is on applications of statistical concepts.

Course Descriptions - River Ridge High School

AP Statistics

Course Number: 1210320

Grade Level: 11, 12

Course Length: Year

Graduation Area: Mathematics

Credit: 1.0

Prerequisites: Algebra II or Teacher Recommendation

Bright Scholars: Yes

Gold Seal Core Course: Yes

Gold Seal Voc. Course: No

Course Description: This course is designed to meet the College Board Requirements for Advanced Placement Statistics. Topics include exploring data, planning a statistical study, anticipating statistical patterns, and statistical inference.

Advanced Topics in Mathematics

Course Number: 1298310

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Algebra 2

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course is designed to continue mathematics study beyond Algebra II. Topics shall include functions, polynomials, rational functions, conics, exponential and logarithmic functions, finance, probability and statistics, sequences and series, matrices, and right triangle trigonometry.

Course Descriptions - River Ridge High School

Music

Musical Theater 1

Course Number: 0400700

Grade Level: 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide an opportunity to study and perform scenes from varied styles of musical theater with special attention to the fundamentals of stage movement, acting, characterization, and all other aspects of the production of a musical.

Musical Theater 2

Course Number: 0400710

Grade Level: 10, 11, 12

Course Length: Year

Graduation Area: Performing Fine Arts

Credit: 1.0

Prerequisites: None.

Bright Scholars: No

Gold Seal Core Course: Yes

Gold Seal Voc. Course: No

Course Description: The purpose of this course is to provide students of musical theatre the opportunities to continue the study of this art form with emphasis on further development and refinement of acquired skills in voice, dance, acting, and all aspects of the production of a musical.

The content should include, but not be limited to the study of music theory, sight-singing, dance, lighting, sound, set design, costuming, make-up, stage directing and acting.

Musical Theater 3

Course Number: 0400720

Grade Level: 11, 12

Course Length: Year

Graduation Area: Performing Fine Arts

Credit: 1.0

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description:

Course Descriptions - River Ridge High School

Keyboard 1

Course Number: 1301360

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to enable students to develop keyboard performance proficiency. Emphasis will be placed on the development of skills in reading music notation; analysis of form, style, and history; and, improvisation and composition techniques.

Keyboard 2

Course Number: 1301370

Grade Level: 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of C or better in Keyboard I or teacher approval.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide instruction in varied performance techniques on the keyboard. Content should include music fundamentals, performance techniques, and interpretations of musical notation.

Keyboard 3

Course Number: 1301380

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of C or better in Keyboard II or teacher approval.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide instruction in the development of musicianship and technical skills through the study of varied keyboard literature. The content should include, but not be limited to, instruction in the interpretation of medium-level keyboard music; various stylistic performance techniques; musical form, style, and historical eras taught through the study of varied keyboard literature and presented holistically.

Course Descriptions - River Ridge High School

Keyboard 4

Course Number: 1301390

Grade Level: 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of C or better in Keyboard III or teacher approval.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide advanced instruction in individual keyboard performance. Content should include difficult solos and accompaniments of varied styles and historical eras; development of individual style and performance techniques.

Band 1

Course Number: 1302300

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide students with instruction in the development of technical skills on wind and percussion instruments. Emphasis will be placed on the development of skills in music theory and composition, individual and ensemble, performance techniques, and critical listening skills and aesthetic values. Attendance at out-of-school rehearsals and performances is required.

Band 2

Course Number: 1302310

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of Band I, access to an instrument or teacher approval.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to extend musicianship skills in band instrumental ensembles. The content includes extending skill development in characteristic tone production, band performance techniques, musical literacy and music appreciation. Attendance at out-of-school rehearsals and performances is required.

Course Descriptions - River Ridge High School

Band 3

Course Number: 1302320

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of Band II, access to an instrument or teacher approval.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide students with instruction in the development of musicianship and technical skills through study of varied band literature. The content includes interpreting medium level band music; establishing appropriate tone production and performance techniques; identifying simple music form and varied style periods; formulating aesthetic awareness. Attendance at out of school rehearsals and performances is required.

Band 4

Course Number: 1302330

Grade Level: 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of Band III, access to an instrument or teacher approval.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide students with instruction in the application of musicianship and technical skills through the study of varied band literature. The content includes interpreting medium level band music; refining tone production and performance techniques; understanding of musical form, style and aesthetic perceptions. Attendance at out of school rehearsals and performances is required.

Band 5 Honors

Course Number: 1302340

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of Band IV, access to an instrument or teacher approval.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to develop independence in musicianship, performance techniques aesthetic awareness through the rehearsal and performance of varied band literature. The content includes interpreting difficult music; developing independent musicianship, tone production and performance techniques; analyzing form, style and history included in the performance preparation of varied band literature; formulating critical listening skills and aesthetic values. Attendance at out of school rehearsals and performances is required.

Course Descriptions - River Ridge High School

Band 6 Honors

Course Number: 1302350

Grade Level: 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of Band V, access to an instrument or teacher approval.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to foster internalization of independence in musicianship, performance techniques and aesthetic awareness through the rehearsal and performance of varied band literature. The content includes interpreting difficult music; refining of independent musicianship, tone production and performance techniques; analyzing and applying form, style and history included in the performance preparation of varied band literature; developing critical listening skills. Attendance at out of school rehearsals and performances is required.

Chorus 1

Course Number: 1303300

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide students with instruction in the development of technical skills in the choral setting. Emphasis will be placed on the development of skills in reading music notation; music theory and composition; individual and ensemble performance techniques; analysis of form, style, and history included in the performance preparation of varied choral literature; and, critical listening skills and aesthetic values.

Attendance at out-of-school rehearsals and performances is required.

Course Descriptions - River Ridge High School

Chorus 2

Course Number: 1303310

Grade Level: 10, 11, 12, 30, 31

Course Length: Year

Graduation Area: Performing Fine Arts

Credit: 1.0

Prerequisites: Successful completion of C or better in Chorus I.

Bright Scholars: No

Gold Seal Core Course: Yes

Gold Seal Voc. Course: No

Course Description: This year-long, beginning-level class, designed for students with one year of experience or less in a choral performing group, promotes the enjoyment and appreciation of music through performance of basic, high-quality choral music. Rehearsals focus on the development of critical listening/aural skills; foundational instrumental technique and skills, music literacy, and ensemble skills; and aesthetic musical awareness culminating in periodic public performances.

Course Descriptions - River Ridge High School

Physical Education

Personal Fitness

Course Number: 1501300

Grade Level: 9, 10, 11, 12

Course Length: Semester

Graduation Area:

Credit: 0.5

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide students with opportunities to develop an individual optimal level of physical fitness, acquire knowledge of physical fitness concepts, and acquire knowledge of the significance of lifestyle of one's health and fitness. This course expands and refines concepts and activities that were introduced in elementary and middle school.

Weight Training 1

Course Number: 1501340

Grade Level: 9, 10, 11, 12

Course Length: Semester

Graduation Area: Physical Education

Credit: 0.5

Prerequisites: None.

Bright Scholars: No

Gold Seal Core Course: Yes

Gold Seal Voc. Course: No

Course Description: The purpose of this course is to provide students with opportunities to acquire basic knowledge and skills in weight training that may be used in physical fitness pursuits today as well as in later life, improve muscular strength and endurance, and enhance body image.

Weight Training 2

Course Number: 1501350

Grade Level: 9, 10, 11, 12

Course Length: Semester

Graduation Area: Physical Education

Credit: 0.5

Prerequisites: Must complete Beginning Weight Training.

Bright Scholars: No

Gold Seal Core Course: Yes

Gold Seal Voc. Course: No

Course Description: The purpose of this course is to provide students with opportunities to extend the acquisition of knowledge and the development of skills introduced in beginning weight training that may be used in physical fitness pursuits today as well as in later life, further improve strength and endurance, and further enhance body image.

Course Descriptions - River Ridge High School

Weight Training 3

Course Number: 1501360

Grade Level: 10, 11, 12

Course Length: Semester

Graduation Area: Physical Education

Credit: 0.5

Prerequisites: Must complete Beginning and Intermediate Weight Training.

Bright Scholars: No

Gold Seal Core Course: Yes

Gold Seal Voc. Course: No

Course Description: The purpose of this course is to provide students with opportunities to extend the acquisition of knowledge of and the development of skills introduced in intermediate weight training that may be used in physical fitness pursuits today as well as in later life, further improve muscular strength and endurance, and further enhance body image.

Power Weight Training 1

Course Number: 1501410

Grade Level: 10, 11, 12

Course Length: Semester

Graduation Area: Physical Education

Credit: 0.5

Prerequisites: None.

Bright Scholars: No

Gold Seal Core Course: Yes

Gold Seal Voc. Course: No

Course Description: The purpose of this course is to acquire knowledge and skills in power weight training (Olympic and power lifting) and improve or maintain health related physical fitness.

Individual and Dual Sports 1 (Tennis 1)

Course Number: 1502410

Grade Level: 9, 10, 11, 12

Course Length: Semester

Graduation Area:

Credit: 0.5

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide students with opportunities to acquire knowledge of strategies of individual and dual sports play, develop skills in selected individual and dual sports, and maintain and/or improve their personal fitness. This course expands and refines concepts and activities that were introduced in elementary and middle school.

Course Descriptions - River Ridge High School

Individual and Dual Sports 2 (Tennis 2)

Course Number: 1502420

Grade Level: 9, 10, 11, 12

Course Length: Semester

Graduation Area:

Credit: 0.5

Prerequisites: Completion of Individual and Dual Sports I.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide students with opportunities to acquire knowledge of the strategies of individual and dual sports play, develop skills in selected individual and dual sports, and maintain and/or improve their personal fitness.

Individual and Dual Sports 3

Course Number: 1502430

Grade Level: 9, 10, 11, 12

Course Length: Semester

Graduation Area: Physical Education

Credit: 0.5

Prerequisites: Completion of Individual and Dual Sports II.

Bright Scholars: No

Gold Seal Core Course: Yes

Gold Seal Voc. Course: No

Course Description: The purpose of this course is to provide students with opportunities to acquire knowledge of the strategies of individual and dual sports play, develop skills in selected individual and dual sports, and maintain and/or improve their personal fitness.

Basketball

Course Number: 1503310

Grade Level: 9, 10, 11, 12

Course Length: Semester

Graduation Area:

Credit: 0.5

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide students with opportunities to acquire knowledge and skills in basketball that may be used in recreational pursuits today as well as in later life and maintain and/or improve their personal fitness. This course expands and refines concepts and activities that were introduced in elementary and middle school.

Course Descriptions - River Ridge High School

Team Sports 1

Course Number: 1503350

Grade Level: 9, 10, 11, 12

Course Length: Semester

Graduation Area:

Credit: 0.5

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide students with opportunities to acquire knowledge of strategies of team sports play, develop skills in selected team sports, and maintain and/or improve their personal fitness. This course expands and refines concepts and activities that were introduced in elementary and middle school.

Team Sports II

Course Number: 1503360

Grade Level: 9, 10, 11, 12

Course Length: Semester

Graduation Area:

Credit: 0.5

Prerequisites: Completion of Team Sports I.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide student with opportunities to acquire knowledge of strategies of team sports play, develop skills in selected team sports, and maintain and/or improve their personal fitness.

HOPE - Physical Education Variation

Course Number: 1506320

Grade Level: 9, 10, 11

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This PE course is a graduation requirement.

Course Descriptions - River Ridge High School

ROTC and Military Training

Aerospace Science 1

Course Number: 1800300

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Bright Scholars: No

Gold Seal Core Course: No

Gold Seal Voc. Course: No

Prerequisites: As required by applicable United States Air Force directives and United States Codes.

Course Description: The purpose of this program is to provide a cooperative effort on the part of the U.S. Air Force and the host institution to provide secondary school students opportunities for total development. The course promotes good citizenship and patriotism through character building activities and a course of military instruction that will benefit the cadet, the community and our nation. The Jr. ROTC learning experience is intended to be useful to students in any future career, military or civilian. Satisfactory completion of the program can lead to advanced placement credit in Senior ROTC or advanced rank in the active U. S. Air Force reserve or National Guard. This course provides ongoing instruction in leadership theory, drill and ceremonies, hygiene and first aid, introduction to maps and map reading, techniques of oral communication, marksmanship and safety, introduction to LD-2 and physical readiness.

Aerospace Science 2

Course Number: 1800310

Grade Level: 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Bright Scholars: No

Gold Seal Core Course: No

Gold Seal Voc. Course: No

Prerequisites: Successful completion of Aerospace Science I.

Course Description: This course provides ongoing instruction in intermediate leadership, drill and ceremonies, intermediate first aid, intermediate map reading, intermediate techniques of oral communications, intermediate marksmanship and safety, the U. S. Air Force, people, places, and times, service/ROTC opportunities, introduction to LD-3, selected optional subjects and physical readiness.

Course Descriptions - River Ridge High School

Aerospace Science 3

Course Number: 1800320

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of Aerospace II

Bright Scholars: No

Gold Seal Core Course: No

Gold Seal Voc. Course: No

Course Description: This course provides ongoing instruction in applied leadership, drill and ceremonies, applied map reading/land navigation, applied techniques of oral communication, marksmanship and safety, service/ROTC opportunities, the role of the U.S. Army, selected optional subjects, and physical readiness.

Aerospace Science 4: Leadership Development

Course Number: 1800330

Grade Level: 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of Aerospace III

Bright Scholars: No

Gold Seal Core Course: No

Gold Seal Voc. Course: No

Course Description: This course provides ongoing instruction in advanced leadership techniques, drill and ceremonies, advanced communication, staff functions and procedures, selected optional subjects, and physical readiness.

Course Descriptions - River Ridge High School

Safety and Driver Education

Driver Education/Traffic Safety- Classroom and Laboratory

Course Number: 1900310

Grade Level: 10, 11, 12

Course Length: Semester

Graduation Area:

Credit: 0.5

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to introduce students to the highway transportation system and strategies which will develop driving knowledge and skills related to today's and tomorrow's motorized society, and provide an in depth study of the scope and nature of accident problems and their solutions.

Course Descriptions - River Ridge High School

Science

Biology 1

Course Number: 2000310

Grade Level: 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: Students are introduced to basic biological concepts including the nature of science and habits of mind, the roles of matter, energy, and the chemical processes of life, the structure and processes of cells, genetic diversity and related biotechnologies, levels of organization and classification, the structure and function of selected organisms, the behavior of organisms, the interdependence of all living things and the environment, biological change through time, agriculture, food, and medical technologies, and related careers.

Biology 1 Honors

Course Number: 2000320

Grade Level: 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: Students are introduced to basic biological concepts including the nature of science and habits of mind, the roles of matter, energy, and the chemical processes of life, the structure and processes of cells, genetic diversity and related biotechnologies, levels of organization and classification, the structure and function of selected organisms, the behavior of organisms, the interdependence of all living things and the environment, biological change through time, agriculture, food, and medical technologies, and related careers. Mastery of proper laboratory techniques in biological study is an integral part of the course.

Course Descriptions - River Ridge High School

AP Biology

Course Number: 2000340

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of Biology I or Biology I Honors Chemistry I or Chemistry I Honors or Integrated Science I and Integrated Science II.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide a college level course in biology and to prepare the student to seek credit and/or placement in college biology courses. Content includes cellular, organismal, and population biology. The content of the course follows the Advanced Placement guidelines. Laboratory investigations of selected topics in the content which also include the use of the scientific method, measurement, laboratory apparatus and safety are an integral part of the course.

Anatomy and Physiology Honors

Course Number: 2000360

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of Biology or Biology Honors with a grade of C or above. FCAT Reading score of Level 3 or above.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to enable students to develop understanding of the relationships between the structures and functions of the human body. Topics should include anatomical terminology, human systems, immune response, inheritance, and genetic disorders.

Environmental Science

Course Number: 2001340

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to study human interaction with the environment. Topics should include: forms of pollution, conservation, environmental planning and policy, population dynamics, and major forms of energy.

Course Descriptions - River Ridge High School

AP Environmental Science

Course Number: 2001380

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Completion of Physical Honors or Biology Honors

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this class is to provide exploratory experiences through laboratory and real life applications in environmental science.

Marine Science 1

Course Number: 2002500

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of Biology I or Biology I Honors or Integrated Science I and Integrated Science II.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide the student with a survey of the marine biome. Topics include physical oceanography, marine geology, the diversity of marine organisms, marine ecology, and man and the marine community.

Marine Science 1 Honors

Course Number: 2002510

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide the student with a survey of the marine biome. Topics include physical oceanography, marine geology, the diversity of marine organisms, marine ecology, and man and the marine community.

Course Descriptions - River Ridge High School

Physical Science

Course Number: 2003310

Grade Level: 9

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide students with an introduction to the basic concepts of the unifying concepts and processes of science, structure of atoms, structure and properties of matter, chemical reactions, force and motion, conservation of energy, interactions of energy and matter, and interactions between science and technology.

Physical Science Honors

Course Number: 2003320

Grade Level: 9

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide students with an introduction to the basic concepts of the unifying concepts and processes of science, structure of atoms, structure and properties of matter, chemical reactions, force and motion, conservation of energy, interactions of energy and matter, and interactions between science and technology.

Chemistry 1

Course Number: 2003340

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Algebra I; Integrated Science I Recommended.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide students with the study of the composition, properties and changes associated with matter. The content should include, but not be limited to: the nature of science, classification and structure of matter, atomic theory, periodic laws, bonding, chemical formulas, reactions and balanced equations, behavior of gases, acids, bases and salts, the nature of and energy associated with physical and chemical changes, and the interactions of chemistry with technology and society.

Course Descriptions - River Ridge High School

Chemistry 1 Honors

Course Number: 2003350

Grade Level: 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Completion of Algebra I; Integrated Science I Recommended.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide students with a rigorous study of the composition, properties and changes associated with matter. The content should include, but not be limited to: the nature of science, classification and structure of matter, atomic theory, periodic laws, bonding, chemical formulas, reactions and balanced equations, behavior of gases, acids, bases and salts, the nature of and energy associated with physical and chemical changes, and the interactions of chemistry with technology and society.

AP Chemistry

Course Number: 2003370

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Chemistry I or Chemistry I Honors or Integrated Science I and II (or Honors), Algebra I.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide a college level course in chemistry and to prepare the student to seek credit and/or placement in college chemistry courses. Content includes descriptive chemistry, nuclear chemistry and advanced stoichiometry. The content of the course follows the Advanced Placement Program guidelines.

Physics 1 Honors

Course Number: 2003390

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Algebra I, Algebra II, Trigonometry.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to provide students with a study of the unifying concepts and processes of science, energy, force and motion, dynamics, wave characteristics, conservation of energy and momentum, heat and thermodynamics, electricity and magnetism, and interactions among science, technology, and society.

Course Descriptions - River Ridge High School

Principles of Engineering

Course Number: 8600520

Grade Level: 9, 10, 11, 12

Course Length: Year

Graduation Area:

Credit: 1.00

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description:

Course Descriptions - River Ridge High School

Social Studies

US History

Course Number: 2100310

Grade Level: 11

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course provides students with the opportunity to acquire an understanding of the development of the American people by examining the political, economic, social, religious, military, scientific, and cultural events that have affected the rise and growth of the nation.

US History Honors

Course Number: 2100320

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: 3.0 grade point average in social studies or teacher approval.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course provides students with the opportunity to acquire an in-depth and comprehensive understanding of the development of the American people by examining the political, economic, social, religious, military, scientific, and cultural events that have affected the rise and growth of the nation.

AP US History

Course Number: 2100330

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: 3.0 grade point average or 3.5 grade point average in social studies or teacher approval.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of Advanced Placement American History is to provide students with the opportunity to develop the analytic skills and factual knowledge necessary to deal critically with the problems, content, and materials of American historic development. This is done by focusing on persistent themes and changes in history and by applying historical reasoning to seek solutions to contemporary problems.

Course Descriptions - River Ridge High School

Economics with Financial Literacy

Course Number: 2102335

Grade Level: 12

Course Length: Semester

Graduation Area: Economics

Credit: 0.5

Prerequisites: None.

Bright Scholars: Yes

Gold Seal Core Course: Yes

Gold Seal Voc. Course: No

Course Description: This course provides students the opportunity to acquire an understanding of the way in which society organizes its limited resources to satisfy unlimited wants. The student will be introduced to the major characteristics of the mixed market economic system in the United States and how the basic economic questions are answered. The major emphasis is to provide the students with an understanding of the forces of the marketplace by examining the effect of their role as a producer, consumer, saver, investor, resource owner, voter, and taxpayer on the system.

Economics w/ Fin Lit Honors

Course Number: 2102345

Grade Level: 12

Course Length: Semester

Graduation Area: Economics

Credit: 0.5

Prerequisites: 3.0 grade point average in social studies or teacher approval.

Bright Scholars: Yes

Gold Seal Core Course: Yes

Gold Seal Voc. Course: No

Course Description: This course provides students the opportunity to acquire a comprehensive understanding of the way in which society utilizes its limited resources to satisfy unlimited wants and the distinguishing characteristics of other types of economic systems with particular attention to the American mixed market system. The major emphasis is to provide the students with the tools to examine and analyze the implications of market solutions and public policy decisions related to economic problems.

Course Descriptions - River Ridge High School

AP Microeconomics

Course Number: 2102360

Grade Level: 12

Course Length: Semester

Graduation Area:

Credit: 0.5

Prerequisites: Teacher approval

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of this course is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. This course is a one-semester course, offered first semester of the year, with students sitting for the exam in May. The exam is made up of a multiple-choice and free-response section. Some questions in the free-response section require graphical analysis.

AP Macroeconomics

Course Number: 2102370

Grade Level: 12

Course Length: Semester

Graduation Area:

Credit: 0.5

Prerequisites: Teacher approval

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of the AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. There is no single approach that an AP Macroeconomics course is expected to follow. Whatever the approach, however, AP teachers are advised to take into account certain topics generally covered in college courses.

Course Descriptions - River Ridge High School

World Cultural Geography

Course Number: 2103300

Grade Level: 9, 10, 11, 12, 30, 31

Course Length: Semester

Graduation Area:

Credit: 1

Prerequisites: None.

Bright Scholars: Yes

Gold Seal Core Course: No

Gold Seal Voc. Course: No

Course Description: The purpose of World Geography is to provide students the opportunity to acquire an understanding of the interrelationships between people and their environment. Appropriate concepts and skills will be developed in connection with the content that follows. Specific content to be covered will include, but not be limited to, an understanding of the relationship between physical geography, natural resources, and the economic, political, social, cultural, religious, and historic aspects of human activity as applied to a study of the following world regions: Western Europe, Eastern Europe, the Soviet Union, Anglo-America, Latin America, North Africa and the Middle East, Sub-Saharan Africa, Southern and Eastern Asia, and Oceania.

AP Human Geography

Course Number: 2103400

Grade Level: 9

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites:

Bright Scholars: Yes

Gold Seal Core Course: Yes

Gold Seal Voc. Course: No

Course Description: The purpose of this course is to enable students to develop higher levels of concepts and skills related to Human Geography. Content includes regions, population studies, cultural concepts and spatial representations, political geography, land use, urbanization, issues related to space, place and scale and economic geography.

Course Descriptions - River Ridge High School

American Government

Course Number: 2106310

Grade Level: 12

Course Length: Semester

Graduation Area:

Credit: 0.5

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course provides students the opportunity to acquire an understanding of American government and political behavior. Specific content will include an analysis of those documents which shape our political traditions (Declaration of Independence, Constitution, and Bill of Rights), a comparison of the roles of the three branches of government at the local, state, and national levels, an understanding of the evolving role of political parties and interest groups in determining government policy, how the rights and responsibilities of citizens in a democratic state have evolved and been interpreted, and the importance of civic participation in the democratic political process.

US Government Honors

Course Number: 2106320

Grade Level: 12

Course Length: Semester

Graduation Area:

Credit: 0.5

Prerequisites: 3.0 grade point average in social studies or teacher approval.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course provides students with the opportunity to acquire a comprehensive understanding of American Government and political behavior. Specific content will include an evaluation of those documents which shape our political traditions (Declaration of Independence, Constitution and Bill of Rights), an analysis of the roles of the three branches of government at the local, state, and national levels, a comparative view of the changing nature of the roles of the three branches of government at the local, state, and national levels, and a comparative view of the changing nature of political parties and interest groups over time in determining policy, an evaluation of the changing nature of citizen rights and responsibilities in a democratic state, and the importance of civic participation in the democratic political process.

Course Descriptions - River Ridge High School

AP US Government and Politics

Course Number: 2106420

Grade Level: 12

Course Length: Semester

Graduation Area:

Credit: 0.5

Prerequisites: 3.0 grade point average.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The content of this course will be based on that set by the College Board. This course provides students the opportunity to develop higher level analytic skills within the study of the American system of government.

AP Comparative Government and Politics

Course Number: 2106430

Grade Level: 11,12

Course Length: Semester

Graduation Area:

Credit: 0.5

Prerequisites:

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description:

Psychology 1

Course Number: 2107300

Grade Level: 10, 11, 12

Course Length: Semester

Graduation Area:

Credit: 0.5

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This course provides students with the opportunity to acquire an understanding of human behavior, behavioral interaction, and the progressive development of individuals. Specific content will include the theories and methods of study employed by psychologists, human growth and development, self-concept development, adjustment, motivation and desire, intelligence, conditioning and learning, memory, personality and behavior, emotion and frustration, abnormal behavior, conformity, stress, mental health, and therapy.

Course Descriptions - River Ridge High School

Psychology 2

Course Number: 2107310

Grade Level: 10, 11, 12

Course Length: Semester

Graduation Area:

Credit: 0.5

Prerequisites: Successful completion of Psychology I.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The purpose of Psychology II is to provide opportunities for students to explain their awareness of areas of psychology. The content should include, but not be limited to, statistical research, memory and thought, sensation and perception, motivation and emotion, sleep and dreams, stress and conflict, adjustment in society, and human interaction.

AP Psychology

Course Number: 2107350

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: None. However, due to the mature nature of the material covered in this class, it is recommended for, but not restricted to, 11th and 12 grade students. It is also recommended, but not required, that students have a minimum FCAT reading score of 335. This is an Advanced Placement course, and therefore has a college level curriculum.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavioral interaction, and the progressive development of individuals. This will better prepare them to understand their own behavior and the behavior of others. Students who take this course will be required to take the Advanced Placement Exam in May.

World History

Course Number: 2109310

Grade Level: 10

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: None.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: Provides students the opportunity to acquire an understanding of the development of civilization by examining the political, economic, social, religious, military, scientific, and cultural events that have affected humanity.

Course Descriptions - River Ridge High School

World History Honors

Course Number: 2109320

Grade Level: 10

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: 3.0 grade point average or teacher approval.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: Provides students the opportunity to acquire a comprehensive understanding of the past in terms of what has been interpreted about changes as it relates to the development of humanity. This is done by analyzing the political, economic, social, religious, military, scientific, and cultural events that have shaped and molded humanity.

AP European History

Course Number: 2109380

Grade Level: 11, 12

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Teacher approval

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: The objective of the course is to increase students' understanding and appreciation of European history while helping each student succeed on the AP European History Examination. The course is divided into two semesters (1) the Later Middle Ages through the French Revolution, and (2) the Industrial Revolution to the present. Areas of concentration include historical, political, and economic history coupled with an intense study of cultural and intellectual institutions and their development. These areas are studied from a variety of perspectives with the goal of providing a balanced view of history in anticipation of learning the skills necessary for success on the AP test.

Course Descriptions - River Ridge High School

AP World History

Course Number: 2109420

Grade Level: 10

Course Length: Year

Graduation Area:

Credit: 1.0

Prerequisites: Successful completion of English I Honors with a grade of B or above, or teacher recommendation.

Bright Scholars:

Gold Seal Core Course:

Gold Seal Voc. Course:

Course Description: This is a college level course for high school students ready to accept the challenge. It explores the life and culture of civilizations and peoples all around the globe, weaving them into humankind's historical tapestry. Emphasis falls on the extent to which contact between societies resulted from diffusion of ideas and the impact of these interactions across geographic regions, both Western and non-Western. Pupils are expected to read copiously and hone their skills of critical analysis. Students enrolled in AP courses will participate in the national examination in May.