



Norcross High School Elective Courses 2012-2013

Name of Department: **Health and Physical Education**

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Health (HEALTH)	17.0110001	9 th	Semester	Graduation Requirement	Health topics : Decision making, First Aid, Nutrition, Tobacco, Alcohol, Illegal Drugs, ADAP program, Family Life Coach Gallois / Coach Richardson Amy_Gallois@gwinnett.k12.ga.us Corey_Richardson@gwinnett.k12.ga.us
Introduction to Lifetime Fitness (INTRO LIFE FIT)	36.0510001	9 th	Semester	Graduation Requirement	Cardiorespiratory fitness, weight training, cardio-fitness games, information on how to live a physically fit life Coach Gallois / Coach Richardson Amy_Gallois@gwinnett.k12.ga.us Corey_Richardson@gwinnett.k12.ga.us
Beginner Weight Training (BEG WGT TN)	36.0540001	10-12	Semester	Introduction to Lifetime Fitness 9 th	Beginning Weight Training Coach Gallois / Coach Richardson Amy_Gallois@gwinnett.k12.ga.us Corey_Richardson@gwinnett.k12.ga.us
Advanced Weight Training (ADV WGT TN)	36.0640001 36.0640002	10-12	Semester	Introduction to Lifetime Fitness, Beginning WT, and Int. WT	High level Olympic lifting and speed enhancement training Coach Richardson / Coach Muyres Corey_Richardson@gwinnett.k12.ga.us Jeremy_Muyres@gwinnett.k12.ga.us
Body Sculpting (BODY SCULPT)	36.0560003	10-12	Semester	Introduction to Lifetime Fitness	Weight training specified for females, and female athletes Coach Gallois / Coach Richardson Amy_Gallois@gwinnett.k12.ga.us Corey_Richardson@gwinnett.k12.ga.us
Aerobics (AERO EXER BEG)	36.0530001	10-12	Semester	Introduction to Lifetime Fitness 9 th	Step aerobics, kickboxing, yoga, other cardio workouts and light weight training Coach Gallois / Coach Richardson Amy_Gallois@gwinnett.k12.ga.us Corey_Richardson@gwinnett.k12.ga.us

Team Sports (TM SP INT)	36.0310001	10-12	Semester	Introduction to Lifetime Fitness	Flag Football, Volleyball, Basketball, etc. (3-5 different sports will be part of this class) Coach Gallois / Coach Richardson Amy_Gallois@gwinnett.k12.ga.us Corey_Richardson@gwinnett.k12.ga.us
Intro to General PE (GPE INTRO)	36.0110001	10-12	Semester	Introduction to Lifetime Fitness	Girls team sports Coach Gallois / Coach Richardson Amy_Gallois@gwinnett.k12.ga.us Corey_Richardson@gwinnett.k12.ga.us
General PE (GPE BEG)	36.0120001	10-12	Semester	Introduction to Lifetime Fitness 9 th	Soccer Coach Gallois / Coach Richardson Amy_Gallois@gwinnett.k12.ga.us Corey_Richardson@gwinnett.k12.ga.us
Outdoor Education (OUT ED BEG)	36.0250001	10-12	Semester	Introduction to Lifetime Fitness	Learning about how to survive outdoors, compass use, fishing, etc. Coach Gallois / Coach Richardson Amy_Gallois@gwinnett.k12.ga.us Corey_Richardson@gwinnett.k12.ga.us



Norcross High School Elective Courses 2012-2013

Math Department

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
AP Statistics	27.0740012	10-12	Yearlong	Algebra II or Accelerated Integrated Geometry Can be taken in addition to Accelerated Integrated Precalculus, Integrated Trig, AP Calculus or any IB Math Class	<p>The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:</p> <ul style="list-style-type: none">▪ Exploring Data: Describing patterns and departures from patterns▪ Sampling and Experimentation: Planning and conducting a study▪ Anticipating Patterns: Exploring random phenomena using probability and simulation▪ Statistical Inference: Estimating population parameters and testing hypotheses <p>Students who successfully complete the course and examination may receive credit and/or advanced placement for a one-semester introductory college statistics course.</p>



Norcross High School Elective Courses 2012-2013

Video Broadcast Journalism

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Video Broadcast Journalism	10.4121001 10.4121002	11-12	Yearlong	Video I, II, or III with teacher recommendation OR Application and interview with teacher recommendation	<p>The essential purpose of broadcast journalism is to allow students to practice the full process of broadcast video production.</p> <p>The course is designed around production of the daily morning news show, which will involve scripting, conducting interviews, editing news packages, and covering after school events.</p> <p>See Mr. Floyd, joe_floyd@gwinnett.k12.ga.us for an application and teacher recommendation forms.</p>



Norcross High School Elective Courses 2012-2013

Business Education and Technical Education

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Animation & 3d Design	11.4280001/2	10 th -12 th	Yearlong	None	Students will learn how 3d technology is used for film, broadcast and games and how it is rapidly becoming the medium of choice for industrial design, military simulations, and medical visualization.
AP Computer Science (Java Programming)	11.4160011/2	10 th – 12 th	Yearlong	Strong math skills are needed.	<u>Counts as 4th Science Credit.</u> The goal of this course is to deepen students understanding of computing by learning Java, an object-oriented programming language. Students will learn key concepts used in all programming languages, graphical user interfaces, and various data structures. Excellent preparation for college courses in engineering, computer science, and the most sciences.
Accounting	7.4110000	10 th -12 th	Semester	None	Accounting teaches students the financial knowledge and analytical skills needed by every company and organization. From the FBI to pro teams. From multinational corporations to dot-com startups. It is one of the most transferable skills in business and pays one of the highest salaries. Learn the language of business and get excellent preparation for required Accounting courses in college.
Business Communication and Presentation	7.4831001/2	9 th – 12 th	Yearlong	Ability to type and computer experience	Business Communication and Presentation is a popular course instructing students on communication skills using Word and Excel. Other software used: Adobe Photoshop, Adobe Premier Pro and Moviemaker. Learn to edit photos and movie clips.

Business Essentials	06.416003/4	9 th – 12 th	Yearlong/ Can take either semester	None	Business Essentials is appropriate for students who plan to own and operate their own businesses. The course will help students build a strong knowledge base and develop management skills as they study forms of business ownership, functions of management, budgeting and finance, technology, communications, legislation, leadership and teamwork, marketing, and economics. Mastery of these standards through project-based learning and leadership development activities of the Career and Technical Student Organizations will help prepare students with a competitive edge for the global marketplace.
Computing in the Modern World	11.4130003/4	9 th – 12 th	Yearlong/ Can take either semester	None	<p>The goal of this course is to provide all students with an introduction to the principles of computer science and its place in the modern world. This course should also help students to use computers effectively in their lives, thus providing a foundation for successfully integrating their own interests and careers with the resources of a technological society.</p> <p>In this project-based course, high school students can acquire a fundamental understanding of the operation of computers and computer networks and create useful programs implementing simple algorithms. By developing Web pages that include images, sound, and text, they can acquire a working understanding of the Internet, common formats for data transmission, and some insights into the design of the human-computer interface. Exposure to career possibilities and discussion of ethical issues relating to computers should also be important threads in this course.</p>
Entrepreneurial Ventures	06.4170001	9 th – 12 th	1 Semester	None	The Entrepreneurship program is designed for the study of all aspects of starting a business. Students identify their potential for creating a business or marketable product/ idea.

Examining the Teaching Profession	13.0110001/2	11 th – 12 th	Yearlong	GPA 80%, Excellent Attendance and Discipline record, Teacher References, and personal transportation needed for the 2 nd semester so student can be placed in elementary school.	<p>Do you think you would like to be a teacher?</p> <p>Do you like working with children?</p> <p>Are you a good student in a particular subject area?</p> <p>This course is designed to encourage students who are interested in education as a career. Students will be involved in class discussions and projects, classroom observations, and shadowing experiences in various areas of the school system. After an intensive training process, students will enter a classroom of their interest to work directly with a teacher and students. This field experience is usually four days a week with the fifth day set aside for continued classroom training. Students will report to their assigned school locations during 7th period and report to NHS one day a week for class.</p>
Financial Literacy	7.4260001	9 th – 12 th	1 Semester	None	<p>Students will learn critical aspects of personal financial skills. Financial literacy provides instruction in banking, credit, and personal finances. Content includes the history of banking, budgeting, negotiable instruments, personal banking accounts, consumer protection laws, banking services, and technology in banking. Finance uses project-based instruction and students are introduced to the foundations of finance and the role of finance, credit, savings, investments, and estate planning play in business. Various technological tools will be used to assist in modeling financial decisions.</p>

Fundamentals of Web Design	11.4310001/2	10 th – 12 th	Yearlong	None Ability to type and use computer is helpful.	Fundamentals of Web Design will provide students with essential web page planning and development skills. Students will learn to write code manually and use graphical authoring tools. Students will also learn to work with web page layout and graphical elements, including images, hyperlinks, tables, forms, and frames. This course teaches students all they need to know to create their own web pages by using HTML, JavaScript, Dreamweaver, Flash & Fireworks.
Video Production	10.5111001	9 th – 12 th	Yearlong	None	This class will focus on video production. The class will make videos for school use.

Work Based Learning Classes (application needed from BT-105)

Business Procedures Internship				Application Process	Business Procedures Work Study is an internship class designed to provide the information and activities that will prepare students for office positions in the workplace and at NHS.
BUS. PROC. WS I	07.7114009	11 th – 12 th	Yearlong	Application Process Application Process	<p>Students will:</p> <ul style="list-style-type: none"> ❖ Develop a comprehensive understanding of all critical aspects of office activity ❖ Apply and integrate basic and business skills developed in prior courses ❖ Develop a sensitivity to human interaction in the work place and an understanding of appropriate office behavior
BUS. PROC. WS I	07.7114003/ 07.7114004	11 th – 12 th			
BUS. PROC. WS II	07.7214009	11 th – 12 th	Yearlong	Application	BUS. PROC. WS II is for students who have previously taken and passed BUS. PROC. WS I. The course description is the

BUS. PROC. WS II	07.7214003/ 07.7214004	11 th – 12 th		Process	same.
Work-Based Learning BUS ED WS I MKT WS I	 07.7114001/ 07.7124002 08.7114001/ 08.7124002	11 th – 12 th	Yearlong	Any completed business or marketing class <u>or</u> concurrently taking a business or marketing class	The Work-Based Learning Program offers students an opportunity to gain skills in a workplace setting to enhance the student’s academic and future career goals. Students are allowed to leave school <u>one period</u> early to go to work. Students are <u>required to work a minimum of 10 hours per week</u> for which they will get course credit.
Work-Based Learning BUS ED WS I MKT WS I	 07.7115001/ 07.7125002 08.7115001/ 08.7125002	11 th -- 12 th	Yearlong	Any completed business or marketing class <u>or</u> concurrently taking a business or marketing class	The Work-Based Learning Program offers students an opportunity to gain skills in a workplace setting to enhance the student’s academic and future career goals. Students are allowed to leave school <u>two periods</u> early to go to work. Students are <u>required to work a minimum of 15 hours per week</u> for which they will get course credit.
Work-Based Learning BUS ED WS I MKT WS I	 07.7116001/ 07.7126002 08.7116001/ 08.7126002	11 th – 12 th	Yearlong	Any completed business or marketing class <u>or</u> concurrently taking a business or marketing class	The Work-Based Learning Program offers students an opportunity to gain skills in a workplace setting to enhance the student’s academic and future career goals. Students are allowed to leave school <u>three periods</u> early to go to work. Students are <u>required to work a minimum of 20 hours per week</u> for which they will get course credit.

Engineering Classes

Energy and Power Technology 4th Science Credit	21.4510001/ 21.4510002	10 th – 12 th	Yearlong	None	Counts as 4th Science Credit. Students explore the relationship between force, work, energy, and power. Students study the characteristics, availability, conversion, control, transmission, and storage of energy and power. <i>Teacher Comments: Hands on interactive class.</i>
Introduction to Engineering: Drawing and Design	48.541001/ 48.541002	9 th -12 th	Yearlong	None	This course introduces the student to the universal language of industry. The student will study the principles of drafting using various materials, instruments, and drafting tools. Drafting techniques are developed and applied to the production of working drawings. Emphasis is placed on laboratory processes to develop manual-drafting skills as well as computer-aided drafting (CAD) techniques
Foundations of Engineering and Technology	21.4250001/ 21.4250002	9 th – 12 th	Yearlong	Strong Science and Math are needed	This is the introductory course for all Georgia Engineering and Technology Education pathways. This course provides students with opportunities to develop fundamental technological literacy as they learn about the history, systems, and processes of invention and innovation.



Norcross High School Elective Courses 2012-2013

Fine Arts - Art

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
2D Design	50.0421001	9-12	Sem	none	Students develop creative solutions to two-dimensional design issues using a variety of media and techniques. They will be taught the principles and elements of design as they relate to two-dimensional works of art. Students will explore contemporary and historical art and art criticism. Projects include contour drawing, value drawing, still-life drawing, watercolor, acrylic, chalk and oil pastels, perspective drawing, and mixed media. Martha Cook, martha a cook@gwinnett.k12.ga.us
3D Design	50.0422001	9-12	Sem	none	Students develop creative solutions to three-dimensional design issues using a variety of forming techniques and a variety of media. They will be taught the principles and elements of design as they relate to three-dimensional works of art. Students will explore contemporary and historical art and art criticism. Projects include paper sculpture, pottery, plaster sculpture, paper mache sculpture, clay sculpture, architecture, and wire sculpture. Martha Cook, martha a cook@gwinnett.k12.ga.us

Pottery	50.0411001/2	10-12	Sem or Year	2D and 3D Design	<p>Students will design and create hand-built clay pottery forms which incorporate the elements and principles of design. The students will be introduced to wheel pottery. Students will be introduced to different firing and glazing techniques. Production, ceramic history, aesthetics, and critiques are integrated into the curriculum.</p> <p>Martha Cook, martha_a_cook@gwinnett.k12.ga.us</p>
Sculpture	50.0611001/2	10-12	Sem or Year	2D and 3D Design	<p>Students will use a variety of sculpture media, techniques and equipment as they create 3-D forms. They will apply knowledge of elements of art and principles of design in creating sculpture. Students explore sculpture through mediums such as clay, plaster, wood, stone, wire, and paper mache. Production, art history, aesthetics, and critiques are integrated into the curriculum.</p> <p>Martha Cook, martha_a_cook@gwinnett.k12.ga.us</p>
Photo Design	50.0712001/2	10-12	Sem or Year	2D and 3D Design	<p>Students are introduced to the creation of images using light-sensitive materials. Pinhole photography and contact printing are emphasized, along with other introductory work with film. Eventually, students will use the photographic medium to communicate feelings and ideas while applying the technical skills acquired in previous courses. Historical and contemporary developments in photography will be explored.</p> <p>Ashley Getz, Ashley_Getz@gwinnett.k12.ga.us</p>

Digital Photography	50.0713001/2	11-12	Sem or Year	Photo Design or Computer Art	<p>As a growing part of commercial photography, the creation of images using electronic digital still cameras, scanners, video cameras, and digital studio cameras will be introduced in this course. All final work will be the product of photo imaging, using Adobe Photoshop and other relevant software. The work will be illustrative, documentary, photojournalistic, and experimental in nature. The traditional skills of the retoucher will be explored in an electronic format, as well as, the changing role of digital photography in the new world of Web, Internet, and intranet publications.</p> <p>Ashley Getz, Ashley_Getz@gwinnett.k12.ga.us</p>
Drawing and Painting	50.0313001/2	10-12	Sem or Year	2D and 3D Design	<p>Students will use a variety of drawing and painting media, techniques and equipment to solve visual art issues. They will apply knowledge of elements of art and principles of design in creating drawings and paintings. Media used may include pencil, colored pencil, pastels, mixed media, watercolor, acrylic, etc. Students will explore contemporary and historical developments related to drawing and painting.</p> <p>Martha Cook, martha_a_cook@gwinnett.k12.ga.us</p>
Jewelry and Metalworking	50.0431001/2	10-12	Sem or Year	2D and 3D Design	<p>Students employ creative solutions in jewelry fabrication (metalsmithing). Metalsmithing techniques range from: soldering, applique, filigree, hand forging, riveting, wirework, and chain link using the elements and principles as a guide for design. Historical and contemporary jewelry and jewelers are explored and used as inspiration for projects ranging from: rings, earrings, pendants, bracelets & brooches.</p> <p>Kim Landers, kimberly_landers@gwinnett.k12.ga.us</p>

Computer Art	50.0721001	10-12	Sem or Year	2D and 3D Design	<p>Students use a variety of electronic media, software, techniques, and equipment to solve computer-art problems. Students learn to apply knowledge of the principles of design in creating computer art by generating and integrating illustrations, typography, and photographic images into complete pieces of computer art. Related historical and contemporary art works will be explored.</p> <p>Ashley Getz, Ashley_Getz@gwinnett.k12.ga.us</p>
AP 2D Design Portfolio	50.0813011/2	11-12	Year	Teacher Recommendation	<p>Students will follow the prescribed College Board 2-D Design Portfolio curriculum. This portfolio involves purposeful decision-making about using the elements and principles of art in an integrative way. Students will demonstrate an understanding of design principles as applied to a two-dimensional surface. Students can explore such things as graphic design, digital imaging, photography, collage, fabric design, weaving, illustration, painting, and printmaking.</p> <p>Martha Cook, martha_a_cook@gwinnett.k12.ga.us Angela Cronon, angela_cronon@gwinnett.k12.ga.us</p>
AP 3D Design Portfolio	50.0814011/2	11-12	Year	Teacher Recommendation	<p>Students will follow the prescribed College Board 3-D Design Portfolio curriculum. This portfolio involves purposeful decision-making about using the elements and principles of art in an integrative way. Students will demonstrate an understanding of design principles as they relate to depth and space. Examples of approaches include figurative or nonfigurative sculpture, metal work, pottery, ceramic sculpture, wood sculpture, wire sculpture, paper mache sculpture, architectural models, and three-dimensional fiber arts, among others.</p> <p>Martha Cook, martha_a_cook@gwinnett.k12.ga.us</p>

**AP Drawing
Portfolio**

50.0811011/2

11-12

Year

**Teacher
Recommendation**

Students will follow the prescribed College Board Drawing Portfolio curriculum. In this portfolio your mastery of drawing can be demonstrated through a wide range of approaches and media. Light and shade, line quality, rendering of form, composition, surface manipulation, and the illusion of depth are drawing issues that can be addressed through a variety of means, which could include painting, printmaking, mixed media, etc. The range of marks used to make drawings, the arrangement of the marks, and the materials used to make the marks are endless.

Martha Cook, martha_a_cook@gwinnett.k12.ga.us
Angela Cronon, angela_cronon@gwinnett.k12.ga.us

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
AP Art History	50.0921011/2	10-12	Year	Teacher Recommendation	<p>Students will follow the prescribed College Board AP Art History curriculum. The AP Art History has a multifaceted content and is unique in its concern with the properties of visual works. It is also a branch of history in which the primary sources are visual and the works studied constitute a language that requires the tools of philosophy, theology, literature, and aesthetics (among others) for their translation and enjoyment.</p> <p>Martha Cook, martha_a_cook@gwinnett.k12.ga.us Barbara Willis, Barbara_willis@gwinnett.k12.ga.us</p>
IB Visual Arts I	50.0440061/2	11-12	Year	Teacher Recommendation	<p>This studio based course emphasizes the students' creative process that can include both 2-dimensional and 3-dimensional art forms. IB offers two levels in the arts: Standard Level (150 hours) and Higher Level (240 hours). The aims of the Visual Arts course at Standard Level and Higher Level are to:</p> <ul style="list-style-type: none"> • provide students with opportunities to make personal, socio-cultural, and aesthetic experiences meaningful through the production and understanding of art • exemplify and encourage an inquiring and integrated approach towards visual arts in their various historical and contemporary forms • promote visual knowledge of art from various cultures • encourage the pursuit of quality through experimentation and purposeful creative work in various expressive media • enable students to learn about themselves and others through individual and, where appropriate, collaborative engagement with the visual arts <p>Martha Cook, martha_a_cook@gwinnett.k12.ga.us</p>
IB Visual Arts II	50.0450061/2	12	Year	Teacher Recommendation	



Norcross High School Elective Courses 2012-2013

Fine Arts - Band

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Mastery Wind Symphony	53.0392001/2	9-12	Year	Director audition	Highly advanced, by director recommendation only Lee Newman, Director of Bands Lee_Newman@gwinnett.k12.ga.us
Mastery Symphonic Winds	53.0391001/2	9-12	Year	Director audition	Advanced, by director recommendation only Lee Newman, Director of Bands Lee_Newman@gwinnett.k12.ga.us
Advanced Symphonic Band	53.0381001/2	9-12	Year	Director audition	Intermediate, by director recommendation only Lee Newman, Director of Bands Lee_Newman@gwinnett.k12.ga.us
Intermediate Concert Band	53.0371001/2	9-12	Year	Director audition	Prior band class experience, must be able to read music Lee Newman, Director of Bands Lee_Newman@gwinnett.k12.ga.us
Intermediate Band	53.0362001	9-12	Sem.	Drumline audition	Marching Band drumline class, director approval only Lee Newman, Director of Bands Lee_Newman@gwinnett.k12.ga.us



Norcross High School Elective Courses 2012-2013

Fine Arts - Chorus

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Beginning Chorus	54.0211001/2	9-12	Sem or Year	none	<p>This course emphasizes the development of vocal techniques and performance skills using a variety of choral literature. Students develop music reading skills. Open to all male and female singers with no prior choir experience.</p> <p>Colette Reed colette_reed@gwinnett.k12.ga.us</p>
Intermediate Chorus	54.0221001/2		Sem or Year	Interview/ Audition	<p>This course further develops the student's skill in vocal performance. The emphasis is on vocal technique development, including breath control, diction, and vocal production. Only open to female singers who taken beginning chorus.</p> <p>Colette Reed colette_reed@gwinnett.k12.ga.us</p>
Advanced Chorus	54.0231001/2	9-12	Sem or Year	Interview / Audition	<p>This course is designed for students interested in developing superior performance skills. Students refine vocal production skills to improve blend, balance, intonation, diction, and tone quality. Open by audition only (male and female singers).</p> <p>Colette Reed colette_reed@gwinnett.k12.ga.us</p>



Norcross High School Elective Courses 2012-2013

Fine Arts - Theatre

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Introduction To Theatre	52.0210001	9-12	Semester	none	May only take one semester An introductory course covering basic theatrical performance, history and technical elements Gina Parrish@gwinnett.k12.ga.us
Beginning Musical Workshop	52.0310001	9-12	Semester	none	May only take one semester An introduction to musical theatre performance techniques. Gina Parrish@gwinnett.k12.ga.us
Acting	52.0610001	10-12	Semester	Intro To Theatre, Beginning Musical Workshop, Audition, or Teacher Recommendation	May take two semesters A more intensive practical study of various acting techniques and methodologies Gina Parrish@gwinnett.k12.ga.us
Advanced Drama	52.0620001/2	10-12	Semester	Intro To Theatre Beginning Musical Workshop, and Acting	May take as often as teacher suggests An advanced study in acting directing and auditioning techniques Gina Parrish@gwinnett.k12.ga.us
Advanced Theatre Workshop	52.0430003/4	10-12	Semester or year	Audition only	A production based class that teaches all elements of theatre by staging multiple productions Gina Parrish@gwinnett.k12.ga.us
Stage Craft	52.0470004	9-12	Year or Semester	None	Students learn the technical aspects of theatrical production through a hands on approach. These classes build the sets and props for all Theatre productions. Gina Parrish@gwinnett.k12.ga.us

**Musical
Production
Workshop**

9-12

Semester or
year

Audition only

Students will audition and rehearse a full-scale musical and work on all elements of said show.
Gina_parrish@gwinnett.k12.ga.us



Norcross High School Elective Courses 2012-2013

Fine Arts – IB Music

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
IB Music 1	53.0290061/2	11-12	Year	Teacher Recommendation	Through the IB Music course students develop their knowledge and potential as musicians, both personally and collaboratively. Involving aspects of the composition, performance and critical analysis of music, the course exposes students to forms, styles and functions of music from a wide range of historical and socio-cultural contexts. Students create, participate in, and reflect upon music from their own background and those of others. They develop practical and communicative skills which provide them with the opportunity to engage in music for further study, as well as for lifetime enjoyment. IB Music is a course open to IB Diploma students only Kathy Sanchez@gwinnett.k12.ga.us Lee Newman@gwinnett.k12.ga.us
IB Music 1 Gifted	53.2290061/2	11-12	Year	Teacher Recommendation	Through the IB Music course students develop their knowledge and potential as musicians, both personally and collaboratively. Involving aspects of the composition, performance and critical analysis of music, the course exposes students to forms, styles and functions of music from a wide range of historical and socio-cultural contexts. Students create, participate in, and reflect upon music from their own background and those of others. They develop practical and communicative skills which provide them with the opportunity to engage in music for further study, as well as for lifetime enjoyment. IB Music is a course open to IB Diploma students only Kathy Sanchez@gwinnett.k12.ga.us Lee Newman@gwinnett.k12.ga.us



Norcross High School Elective Courses 2012-2013

Fine Arts - Orchestra

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Beginning Orchestra	53.0561001/2	9 - 12	Year	none	Students will be introduced to the basic level of stringed instrument playing. Instruments taught are violin, viola, cello, and bass. No knowledge of music or experience required. This is also great class for students with some experience that have not played for a while and would like to come back to the orchestra program. Juana P. Alzaga – juana_alzaga@gwinnett.k12.ga.us
Intermediate Concert Orchestra	53.0571001/2	9 - 12	Year	1-3 years orchestral experience in HS or MS	In Concert Orchestra, students acquire intermediate-level solo and ensemble performance skills. Students refine music-reading skills as well as performance skills, including more advanced bow techniques. Students acquire knowledge in music theory and history as they relate to orchestral literature. AUDITION REQUIRED. Juana P. Alzaga – juana_alzaga@gwinnett.k12.ga.us
Intermediate Symphonic Orchestra	53.0581001/2	9 - 12	Year	1-3 years orchestral experience in HS or MS	Students with previous experience in string playing. No audition required. Students will continue developing previously learned skills such as bowing, tone production, position work, etc. GMEA Level III/IV music literature. Juana P. Alzaga – juana_alzaga@gwinnett.k12.ga.us

Advanced Philharmonic Orchestra	53.0583001/2	9-12	Year	Audition required	<p>Students with intermediate to advanced level skills are accepted in to this orchestra. AUDITION REQUIRED. Students will continue building knowledge of shifting, tone production, various bowings, and advanced technique. GMEA Level IV/V music literature.</p> <p>Juana P. Alzaga – juana_alzaga@gwinnett.k12.ga.us</p>
Master Chamber Ensemble	53.0591001/2	9-12	Year	Audition required	<p>Students with advanced level skills are accepted in to this orchestra. AUDITION REQUIRED. Students are encouraged to be enrolled in private lessons outside of the school day in their chosen instrument. Students will continue building advanced skills involving bow technique, intonation, tone, and expression. GMEA Level VI music literature.</p> <p>Juana P. Alzaga – juana_alzaga@gwinnett.k12.ga.us</p>



Norcross High School Elective Courses 2012-2013

Fine Arts – Music Technology

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Introduction to Music Technology	53.0221001	9-12	Sem	Application	<p>Students learn about the history and evolution of Music Technology. Students learn basic music writing techniques including music theory and harmony. Music notation and sequencing software is employed to create original compositions.</p> <p>Colette Reed colette_reed@gwinnett.k12.ga.us</p>
Intermediate Music Technology	53.0220001	9-12	Sem	Introduction to Music Technology	<p>Students extend their knowledge of the computer, the electronic keyboard (synthesizer) and MIDI sequencing techniques. Students create a multi-track sequence of background music for a specific setting such as movie/TV score, computer game, commercial, etc. Students apply MIDI editing features and drum kits.</p> <p>Colette Reed colette_reed@gwinnett.k12.ga.us</p>



Norcross High School Elective Courses 2012-2013

Foreign Language

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
French 1	60.0110001/2	9-12	Year	None	<p>The objective of the level one modern language course is to develop novice-level language proficiency. There is an academic focus on the four basic skills of communication in the respective language: listening, reading, speaking and writing in order to promote linguistic and cultural appreciation and understanding. The honors and gifted tracks cover a broader depth of curriculum scope at a faster pace. Students must be identified as <i>gifted</i> on school record to be placed in a gifted modern language class.</p> <p>Years two through five of these languages are also offered, including IB Junior, IB Senior, and AP courses in French, German and Spanish for students to build on previous years' knowledge. Communicative ability will become more challenging as students progress through additional levels. Contact: Kari_Pieper@gwinnett.k12.ga.us</p>
French 1 Honors	60.0110041/2	9-12	Year	None	
French 1 Gifted	60.2110041/2	9-12	Year	None	
Spanish 1	60.0710001/2	9-12	Year	None	
Spanish 1 Honors	60.0710041/2	9-12	Year	None	
Spanish 1 Gifted	60.2710041/2	9-12	Year	None	
Spanish for Native Speakers 1	60.0790001/2	9-12	Year	Diagnostic Placement test	<p>This class has been designed to reinforce the listening, communicative, and written abilities of students that are native speakers of the Spanish language. In the course students will learn about the history, and culture of various Spanish speaking countries to increase their knowledge on the diversity of the Spanish speaking world. In the class students will be expected to read and write extensively in Spanish. During the school year students will have various oral as well as written projects.</p> <p>Course Objective:</p>

				<ol style="list-style-type: none">1. Improved the oral skills of students by increasing their vocabulary as well as their grammar knowledge in a way that they are able to speak, read, and write properly in Spanish.2. Improved reading comprehension in Spanish such as: poetry, essay, short stories, etc.3. Improved the student's linguistic level culturally and literary of the Spanish language.4. Improved the knowledge and practices of different writing styles such as: descriptive essay, analytical essay, research paper, letters, poetry, etc. <p>Contact: Kari_Pieper@gwinnett.k12.ga.us</p>
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Norcross High School Elective Courses 2012-2013

Language Arts/Journalism/Newspaper/ Yearbook

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Intro to Journalism (Prerequisite for Devils' Dispatch)	23.0320007 23.0320008	9-11	Semester	B Average in Language Arts, Enrolled in an Honors or Higher Language Arts Class	<p>The essential purpose of scholastic journalism is to allow students to practice the full process of newspaper publication. This experience should enable students to grow substantially as information gatherers, as writers, as thinkers, and as team members. Students should also develop a deep understanding of the many ethical, social, and practical issues involved in newspaper publishing. The challenge and thrill of creating a real publication for a real audience should make journalism a uniquely memorable learning experience.</p> <p>The course is designed to create the groundwork of creating a newspaper. This introductory class will focus on the interview process, writing, design, photography, and layout of a newspaper. The students will brainstorm and write articles, design individual newspaper pages, take photos, and work on the layout of an entire newspaper. The students will create a portfolio of their work during the year. Daily activities commonly include information gathering, writing, editing, layout, and other aspects of newspaper production. We will also have readings, guest speakers, and other activities to enhance understanding of journalism issues. This class will be a prerequisite for being on <i>The Devils' Dispatch</i> Staff second semester.</p> <p>All students will be expected to show proficient knowledge and skills in each area of this course as defined by Gwinnett County Public Schools' Academic Knowledge and Skills Handbook.</p>



Norcross High School Elective Courses 2009-2010

Language Arts/ Journalism/Newspaper/Yearbook

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Journalism I (The Devils' Dispatch Newspaper)	23.0320007-01 23.0320008-01	11-12	Yearlong	B Average in English, Enrolled in an Honors or Higher Language Arts Class, Reference from Language Arts teacher, Acceptance from Advisor	<p>The essential purpose of scholastic journalism is to allow students to practice the full process of newspaper publication. This experience should enable students to grow substantially as information gatherers, as writers, as thinkers, and as team members. Students should also develop a deep understanding of the many ethical, social, and practical issues involved in newspaper publishing. The challenge and thrill of creating a real publication for a real audience should make journalism a uniquely memorable learning experience.</p> <p>The course is designed around production of our student newspaper, <i>The Devils' Dispatch</i>. The paper will be published a minimum of six times this year. Daily activities commonly include information gathering, writing, editing, layout, and other aspects of newspaper production. We will also have readings, guest speakers, and other activities to enhance understanding of journalism issues.</p> <p>All students will be expected to show proficient knowledge and skills in each area of this course as defined by Gwinnett County Public Schools' Academic Knowledge and Skills Handbook.</p>

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Norcross High School Elective Courses 2012-2013

Library Science

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Library Science I	80.0100001	11 & 12	Semester	Application	<p>As an NHS Library Science student, you are in a unique position to assist your teachers and fellow students. You will be providing services that help with the day to day operations of the Media Center, while learning how to use the many different kinds of information available to NHS students and teachers, including print and non print resources. You'll also gain experience in operating and troubleshooting audio visual equipment and instructional technology. It is very important that you come with a positive attitude and a willingness to serve. Pick up an application in the media center or fill out the application online on the media center's website.</p> <p>Contact: Jennifer Lund, Jennifer_Lund@gwinnett.k12.ga.us</p>
Library Science II	80.0100001	11 & 12	Semester	Library Science I + Application	<p>This course builds off the course work from Library Science I. Students learn more advanced skills and take on additional responsibilities in the media center.</p> <p>Contact: Jennifer Lund, Jennifer_Lund@gwinnett.k12.ga.us</p>



Norcross High School Elective Courses 2012-2013

Business and Technology Education Department - Marketing Education Course Descriptions

Marketing Principles	Open to Grades 10-12	Yearlong
<p>Marketing Principles is the foundational course for all pathways in Marketing Education. Marketing Principles addresses all the ways in which marketing satisfies consumer and business needs and wants for products and services. Students develop an understanding of the functions of marketing and how these functional areas affect all businesses. They learn basic marketing concepts and the role of marketing in our economy. Students also develop skills in applying economic concepts to marketing, distribution and logistics, marketing information management, finance in marketing, product/service planning, pricing mixes, promotional strategies, and personal selling.</p>		
Introduction to Fashion Marketing	Open to Grades 10-12	Yearlong
<p>This course will introduce the student to the fashion industry including the fundamentals of fashion marketing, types of businesses involved in the industry, and the array of career opportunities available in fashion marketing. Students will develop skills in such areas as fashion economics, marketing segmentation and target marketing, product selection and buying, and inventory systems.</p>		
Sports Marketing	Open to Grades 10-12	Yearlong
<p>This course introduces the student to the major segments of the Sports Industry and the social and economic impact it has on the local, state, national, and global economies. Class includes a Fantasy Football project, SuperBowl week activities, planning and running a Sports Camp for freshmen, promotion of Norcross sports, and a field trip/marketing project with the Gwinnett Braves.</p>		
Advanced Marketing	Open to Grades 10-12	You must have a prior Marketing class and Ms. Brackman's approval to enroll in this class
<p>Advanced Marketing builds on the principles and concepts taught in Marketing Principles. Students assume a managerial perspective in applying economic principles in marketing, analyzing operations needs, examining distribution and financial alternatives, managing marketing information, pricing products and services, developing product/service planning strategies, promoting products and services, purchasing, and professional sales. Here's your chance to interact with the entire student body! Work at the school store, "The Norcross Depot" or the "Blue Cafe". Use the skills you learn in marketing and apply them to a real retail environment right here at the school.</p>		



Norcross High School Elective Courses 2012-2013

Maxwell and Grayson High Schools of Technology

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Maxwell High School of Technology				<ul style="list-style-type: none"> • Students MUST see their counselor to obtain an application. • Students attend Maxwell for three periods. 	
Aircraft Flight Operations		11 th /12 th (Must have three open course spaces.)	Yearlong	Intended for students serious about pursuing a college degree and a career in the aviation industry.	Students will build a solid knowledge base in the history of aviation, the principles of flight and navigation, the aerospace community, and aviation meteorology. Classroom and laboratory activities assure a thorough understanding of the aviation environment. This course will help students make an informed college and/or career decision upon completion. Leadership development activities through the Civil Air Patrol (CAP), the Experimental Aircraft Association (EAA) and industry mentorship will prepare students with a competitive edge for the global marketplace.
Architecture, Drawing & Design		11 th /12 th (Must have three open course spaces.)	Yearlong	Students should have a solid foundation in Algebra and Geometry, exposure to art at the high school level, and good computer skills. The ability to problem solve and complete tasks individually are expected.	This program will expose students to blueprint reading, measuring, sketching, and drawing through engineering, architecture, drafting and design processes. All drawing is computer-based using industry-standard software programs including AutoCad, Inventor and Revit. Students will work on projects such as 3-D drawings and a full set of residential architecture plans. Each student will create a portfolio of work to use as they enter post-secondary education or choose a career.
Auto Collision Repair		11 th /12 th (Must have three open course spaces.)	Yearlong	Students should enjoy hands on activities using a variety of mechanical skills. The ability to follow written and verbal directions,	This industry-certified program will teach students how to perform automotive vehicle body repair and refinishing skills such as panel replacement, metal straightening, welding and automotive painting. Students will bring damaged vehicle components to their original condition using state-of-the-art

				<p>problem-solve, and work collaboratively in teams will lead to success in this program</p>	<p>equipment and technology in the automotive lab. These skills can lead to excellent jobs as an estimator, body repair technician, refinishing technician, or employment in a shop office or insurance claims office.</p>
<p>Automotive Services</p>		<p>11th/12th (Must have three open course spaces.)</p>	<p>Yearlong</p>	<p>Students must have a strong mechanical aptitude, follow written and verbal directions, have the ability to problem solve, interpret automotive service manual, and work cooperatively in teams. A solid math and English foundation are required for success in this program.</p>	<p>Classroom labs model a professional automotive shop setting that simulates an industry-standard service facility. Students will perform automotive problem diagnosis, service, and repairs in four basic areas: brakes, electrical/electronic systems, steering and suspension, and engine performance. This industry-certified course will directly prepare students for future employment by allowing them to apply automotive knowledge using factory-donated vehicles in hands-on activities and repairs.</p>
<p>Construction</p>		<p>11th/12th (Must have three open course spaces.)</p>	<p>Yearlong</p>	<p>Students should be interested in hands on physical activity. Basic math and reading skills are required. An interest in pursuing a career in construction, engineering, or construction management is recommended.</p>	<p>The construction industry continues to rise to new heights in the Metro Atlanta area. This program will prepare students for a construction career with unlimited possibilities. Simulating real construction conditions, students will gain skills in carpentry, plumbing, masonry, and electrical wiring with emphasis on safety, tool use and care, and blueprint reading.</p>

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Cosmetology/ Barbering		11th/12th (Must have three open course spaces.)	Yearlong	Students should be self motivated and have a strong desire to work with people. Successful coursework in Biology and Chemistry are helpful.	This program will help shape students' ability to create and design using hair, skin and nails as a creative medium. In a true-to-life salon environment, students will learn theories and techniques in hair cutting and styling, manicures, perms, facials, as well as record keeping and business practices for aspiring entrepreneurs. Through the barbering program, students will learn the skills of the barbering profession (shaving, haircutting, styling, color, and perm setting) in addition to learning the theories and techniques of the cosmetology program. Cosmetology credit hours from Maxwell are transferable to post-secondary schools as students prepare for the Georgia State Board of Cosmetology exam which is required to obtain a license to practice.
Culinary Arts		11th/12th (Must have three open course spaces.)			If you love cooking or dream of becoming a chef, this program will turn your passion for Culinary Arts into a career. Every day you will work in a state of the art facility equipped with industry standard equipment found in leading kitchens and restaurants. You will learn the essential skills of professional cooking from an industry expert, including food preparation, knife skills, dining room service, menu development, restaurant accounting, and teamwork in the kitchen.
Early Childhood Education		11th/12th (Must have three open course	Yearlong	Students will be expected to have excellent attendance and be a good role model for young	Students who are passionate about working with young children will find success in this program as they prepare for careers in childcare, education and healthcare settings. Lesson planning, teaching skills, nutrition, and menu planning are learned in the

		spaces.)		children. This class requires good communication skills and a desire to work with small children.	classroom and applied when students begin working with children three to five years of age in Maxwell's Early Childhood Lab. There is an increased need for early childhood educators as populations grow and more parents enter the workforce.
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Electronics/ Robotics		11th/12th (Must have three open course spaces.)	Yearlong	Students should have some experience in Algebra, and the ability to problem solve and complete tasks individually.	Take a look around and you will quickly see how many things rely on electronics and power supplies. This class will prepare students for a career using electronics skills, or for further education in the modern field of electronics. Students will learn the basic circuitry used to create complicated electronic devices. Circuit theory is proven by the use of hands-on laboratory experiments and computer simulations. Students will build circuits, motors and amplifiers to become familiar with producing, testing, troubleshooting, and documenting electronics projects.
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Graphic Communications & Design		11th/12th (Must have three open course spaces.)	Yearlong	Strong writing skills, visual design sense and attention to detail are important. At least one year of high school art and good computer skills are recommended. Students who choose to specialize in Advanced Graphic Design during the 2nd semester should have successfully completed 2D & 3D	Students who are curious about graphic design, illustration, electronic media or printing technology will learn the skills necessary to take a project from concept to finished output. Using state of the art computers and digital imaging equipment students will learn cutting edge software applications such as Adobe Photoshop, Illustrator, InDesign, Flash and Dreamweaver. Instruction is designed to give students maximum opportunity to learn image generation and manipulation for such projects as book covers and magazines, CD/video game art, advertising campaigns, posters, and websites. Traditional media such as airbrush, water-color, pen and ink, colored pencil will be utilized.
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				Art or have MHST teacher approval.	Designing for printed output will include an understanding of fundamental press operations and concepts. During 2nd semester, students will specialize in either Advanced Graphic Design or Graphic Output Processes.
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Healthcare Science - Nursing Career, Emergency Services, Diagnostic Services, or Medical Services		11th/12th (Must have three open course spaces.)	Yearlong	Students will need a strong background in Biology and Chemistry. Students should have a sincere desire to work with people. During 2nd semester students specialize in one of three healthcare science areas.	The Healthcare Science program prepares students for a wide range of careers in the healthcare industry. This industry certified class emphasizes anatomy and physiology, medical terminology and skills utilized in all areas of healthcare. Students will have the opportunity to become certified in CPR and First Aid. During 2nd semester, specialization is available in Nursing Career, Emergency Services or Medical Services. Clinical opportunities in hospitals and nursing homes are available for eligible students. Students must pass a drug screening test and background check to be eligible for clinical experience. Uniform scrubs and liability insurance must be paid by students who qualify and participate in clinical experience.
Law and Justice		11th/12th (Must have three open course	Yearlong		Focusing on the causes, prevention, investigation, and prosecution of crime, the Law and Justice program allows student s to explore the role and structure of government, the rights and responsibilities of citizens and police, the criminal justice system, and courts and corrections.
Interior Design		11th/12th (Must have three	Yearlong		This program will teach students the fundamentals of residential and commercial interior design. Students will use industry-standard software and

		open course spaces.)			tools to prepare and present designs that will include appropriate furnishings, fixtures, equipment and textile selections. Students will be equipped with up to date knowledge that will make them competitive candidates as they pursue post-secondary options and internship positions.
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Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Welding		11 th /12 th (Must have three open course spaces.)	Yearlong	Students should have a strong interest in reading and interpreting drawings used in welding. A solid foundation in basic math and English are required.	With the welding industry facing a critical shortage of skilled labor in the Metro Atlanta and surrounding areas, this is the perfect time to gain highly marketable welding skills. Students will gain knowledge of industrial and construction welding, become proficient utilizing a variety of welding techniques, learn to read blueprints, interpret welding drawings and sketches, learn safety rules, and be eligible to earn certification in welding technologies.

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Grayson High School of Technology				<ul style="list-style-type: none"> • NO TRANSPORTATION PROVIDED. • Students MUST see their counselor to obtain an application. • Students attend Grayson for three periods. 	
Biotechnology		11 th /12 th (Must have three open course spaces.)	Yearlong	<ul style="list-style-type: none"> • Must have an interest in life sciences • Have the ability to pay attention to detail and work well in groups • Should be able to work well with hands 	Biotechnology is the study of organisms and their functions and how they can be changed for the betterment of human existence. In a state-of-the-art lab, you will use modern laboratory techniques such as DNA extraction and DNA fingerprinting as you study the science and management of plants, animals, food, and fiber production. This will lead to exploration of microbiology, genetic engineering and techniques associated with plant and animal biotechnology such as tissue culturing and cloning.
Commercial Photography		11 th /12 th (Must have three open course spaces.)	Yearlong	<ul style="list-style-type: none"> • 35 mm Single Lens Reflex (SLR) in good working condition highly recommended • Interest in design & creativity • High level of self-discipline and maturity for working on off-campus assignments 	The Commercial Photography program offers you the perfect opportunity to develop your photography style in a highly creative environment, while exploring cutting-edge photography techniques, equipment, software, and technology. This hands-on program will equip you with a strong foundation as you develop your portfolio in both digital and film techniques. Broad exposure to all types of photography will help you find an area of specialty, such as sports, fashion, journalism, or portrait photography. An on-campus photo studio and industry-standard darkroom will give you experience in a professional setting.

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Computer Information Technology & Network Systems		11th/12th (Must have three open course spaces.)	Yearlong	<ul style="list-style-type: none"> • Genuine interest in computers and basic keyboard/computer skills • Intensive work on getting ready to take the A+, i-net+ and network+ exams • Intense self-directed study computer-based lessons daily as well as large class projects 	The Computer Information Technology & Network Systems program is ideal for outgoing students with a genuine passion for computers. You will gain skills related to information technology, software systems management, operating systems, networking, and the Internet. Advanced studies will provide fundamental skills in basic programming concepts, applied programming languages (Java, C++, and more), software development, and database administration. Taught from a business and entrepreneurial perspective, you will learn about the important social, ethical, and legal issues surrounding information technology.
Culinary Arts		11th/12th (Must have three open course spaces.)	Yearlong	<ul style="list-style-type: none"> • Expect to cook, clean, serve and work as a team • Have a passion for the Culinary Arts and a good work ethic • Expect to lift/move shipments and trays 	If you love cooking or dream of becoming a chef, this program will turn your passion for Culinary Arts into a career. Every day you will work in a state-of-the-art facility equipped with industry-standard equipment found in leading kitchens and restaurants. You will learn the essential skills of professional cooking from an industry expert, including food preparation, knife skills, dining room service, menu development, restaurant accounting, and teamwork in the kitchen. Focusing

					on the skills of the bake kitchen, you will learn the foundations of baking including quick breads, yeast breads and rolls, cakes, cookies, pastries and pies, and decorative techniques.
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Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Digital Media Design & Animation		11th/12th (Must have three open course spaces.)	Yearlong	<ul style="list-style-type: none"> • Art Classes - 2D/3D design and a year of advanced art classes highly recommended • Basic keyboard/computer skills • Interest in design, creativity and a sense of commitment to the field of visual communications 	This fast-paced program will provide a hands-on introduction to cutting-edge digital tools and communication techniques, giving you new ways to explore and express your creativity in print, on the Web, and in 2D and 3D animation. You will learn the foundational knowledge and skills required in graphic applications and animation and apply those principles to print, digital, and interactive media. In our dedicated design studio, you will use industry-standard software, such as Adobe Creative Suite, Flash, and Maya to achieve effective visual communication.
Advanced Engineering		11th/12th (Must have three open course spaces.)	Yearlong	<ul style="list-style-type: none"> • Enjoy hand on experiences • Genuine interest in constructing models and prototypes • Have knowledge of applied math and science 	The Advanced Engineering program enables students to use applications of mathematics and science to predict the success of an engineered solution while completing hands on activities with tools, materials, and processes. You will work in teams to investigate solutions to problems and learn to conduct research, analyze data, and present final work products. Students will also be given exciting opportunities to design and complete working prototypes like robots, solar products, and transportation tools.

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Law Enforcement & Public Safety		11th/12th (Must have three open course spaces.)	Yearlong	<ul style="list-style-type: none"> • Outgoing personality and ability to interact with others • Genuine interest in all aspects of the law, including: enforcement, the courts and corrections 	<p>Focusing on the causes, prevention, and prosecution of crime, the Law Enforcement & Criminal Justice program allows you to explore the role and structure of the government, the rights and responsibilities of citizens and police, the criminal justice system, courts and corrections, and civil/criminal law. Through hands-on experience, you will learn about the foundations of law and take your first step toward a fulfilling career in serving and protecting the public. You will explore the latest industry tools and techniques used in law enforcement such as radar guns, police scanners, field sobriety tests, fingerprinting, handcuffing, and evidence gathering.</p>

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Music Recording		11th/12th (Must have three open course spaces.)	Yearlong	<ul style="list-style-type: none"> • Realization that critical listening, silent settings and professionalism are mandatory • Serious musical interest across genre barriers, creativity and good computer skills are necessary for success • Students should expect to furnish their own headphones and hard drive • This class is not about playing or performing on instruments, or about ‘making beats.’ This class teaches about recording, capturing and mixing those types of musical performances • This class does not teach students how to play instruments or music composition/theory • Some experience with playing an instrument or home recording is recommended 	<p>In our on-campus professional studio setting — equipped with the same “true-to-life” technology that any high-end, professional recording studio would have — you will learn about the technology and methods used in the recording and production of music and sound. In addition to learning the processes of tracking, overdubbing, mixing in multi-track recording, mastering, and CD/DVD/tape replication, you will closely study the mixing console, amplifiers, speakers, tape machines, channel strips, master sections, microphone setups, and digital workstations.</p>

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Music Technology		11th/12th (Must have three open course spaces.)	Yearlong	<ul style="list-style-type: none"> • Experience (lessons, playing, bands) with any musical instrument recommended • Basic music theory and music reading skills (note names on grand staff) • Students should expect to furnish their own headphones and hard drive 	If you enjoy performing musically and want to gain additional skills using professional music software and technology, the Music Technology program will help you sharpen your craft. With an introduction to composing, digital recording, and music editing in a state-of-the-art classroom, you will create original songs and full accompaniments using the latest sequencing software, write music using notation software, and generate and edit MIDI files for electronic transfer. You also will compose and record music for use in film scoring, video production, and commercial advertising.
Sports Medicine		11th/12th (Must have three open course spaces.)	Yearlong	<ul style="list-style-type: none"> • Aptitude in Health Sciences • Interest in sports health and athletic performance • Anatomy and Physiology course work a plus • Students must be willing to work with one another while learning taping, therapy, joint motion and more. • Students must demonstrate professionalism in the clinical setting. 	If you enjoy athletics and have a desire to help others, the Sports Medicine program will provide you with the opportunity to develop skills that will enable you to gain a competitive edge in the fields of physical therapy and sports medicine. This program provides information on medical terminology, nutrition, kinesiology, gait training, therapeutic exercise, pharmacology, modality, and treatment techniques in physical medical training. Opportunities for internships and clinical experiences will be a vital part of this program's educational experience.

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Veterinary Technology		11th/12th (Must have three open course spaces.)	Yearlong	<ul style="list-style-type: none"> •Biology, Anatomy and Physiology course work a plus •Basic computer, arithmetic and algebra skills highly recommended •Love of science and animals and ability to work well with animals 	For students with a sincere love for the care and medical treatment of animals, the Veterinary Technology program will allow you to explore turning your passion for animals into a lifelong career. In a state-of-the-art facility, you will work with animals every day, gaining the skills necessary to be prepared for admission into highly competitive college programs in Veterinary Medicine and Animal Science. In addition to studying the history and evolution of animals, you will learn about breeds, anatomy, biomechanics and movement, selection and judging, genetics, reproduction, digestion and nutrition, health and behavior management, and animal housing. The veterinary technology course(s) may be eligible for science elective or technical elective credit.

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Video Production & Television Broadcast		11th/12th (Must have three open course spaces.)	Yearlong	<ul style="list-style-type: none"> •Student must be willing to appear on-camera as actor, interviewer, etc., in addition to filling technical production roles •Must be self-disciplined and independent to work in video editing suites and television studio •High level of self-discipline and 	The Video Production & Television Broadcast program will give you the chance to bring your ideas to life and tell exciting stories through the lens of a camera. This program provides experience with the fundamental and advanced aspects of video production, using Avid-based, industry-standard equipment in our television and video production studio. Spending time in front of and behind the camera in our full-scale studio, you will gain exposure to a wide variety of program formats, including multiple camera interviews, commercials, music videos, short films, and others.

				maturity for working on off-campus assignments	
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Norcross High School 9th Grade Elective Courses 2012-2013

Fine Arts - Chorus

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Beginning Chorus	54.0211001/2	9-12	Sem or Year	none	This course emphasizes the development of vocal techniques and performance skills using a variety of choral literature. Students develop music reading skills. Open to all male and female singers with no prior choir experience. Colette Reed colette_reed@gwinnett.k12.ga.us
Intermediate Chorus	54.0221001/2		Sem or Year	Interview/ Audition	This course further develops the student's skill in vocal performance. The emphasis is on vocal technique development, including breath control, diction, and vocal production. Only open to female singers who taken beginning chorus. Colette Reed colette_reed@gwinnett.k12.ga.us
Advanced Chorus	54.0231001/2	9-12	Sem or Year	Interview / Audition	This course is designed for students interested in developing superior performance skills. Students refine vocal production skills to improve blend, balance, intonation, diction, and tone quality. Open by audition only (male and female singers). Colette Reed colette_reed@gwinnett.k12.ga.us
Introduction to Music Technology	53.0221001	9-12	Sem	none	Students develop skills in fundamental piano techniques. Music theory skills include notation of pitch and rhythm, scales, and intervals. A variety of literature for the piano is studied and performed. Performance and sight-reading skills will be developed and enhanced through various keyboard techniques.



Norcross High School 9th Grade Elective Courses 2012-2013

Intermediate Music Technology	53.0220001	9-12	Sem	Introduction to Music Technology	<p>Colette Reed colette_reed@gwinnett.k12.ga.us</p> <p>Students extend their knowledge of the computer, the electronic keyboard (synthesizer) and MIDI sequencing techniques. Students create a multi-track sequence of background music for a specific setting such as movie/TV score, computer game, commercial, etc. Students apply MIDI editing features and drum kits. Colette Reed colette_reed@gwinnett.k12.ga.us</p>
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Fine Arts - Orchestra

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Beginning Orchestra	53.0561001/2	9 - 12	Year	none	<p>Students will be introduced to the basic level of stringed instrument playing. Instruments taught are violin, viola, cello, and bass. No knowledge of music or experience required. This is also great class for students with some experience that have not played for a while. Juana P. Alzaga – juana_alzaga@gwinnett.k12.ga.us</p>
Concert Orchestra	53.0571001/2	9 - 12	Year	none	<p>In Concert Orchestra, students acquire intermediate-level solo and ensemble performance skills. Students refine music-reading skills as well as performance skills, including more advanced bow techniques. Students acquire knowledge in music theory and history as they relate to orchestral literature. AUDITION REQUIRED. Juana P. Alzaga – juana_alzaga@gwinnett.k12.ga.us</p>



Norcross High School 9th Grade Elective Courses 2012-2013

Symphonic Orchestra	53.0581001/2	9 - 12	Year	1-3 years orchestral experience in HS or MS	<p>Students with previous experience in string playing. No audition required. Students will continue developing previously learned skills such as bowing, tone production, position work, etc. Level III/IV music literature.</p> <p>Juana P. Alzaga – juana_alzaga@gwinnett.k12.ga.us</p>
Philharmonic Orchestra	53.0583001/2	9-12	Year	Audition required	<p>Students with intermediate to advanced level skills are accepted in to this orchestra. AUDITION REQUIRED. Students will continue building knowledge of shifting, tone production, various bowings, and advanced technique. Level IV/V music literature.</p> <p>Juana P. Alzaga – juana_alzaga@gwinnett.k12.ga.us</p>
Chamber Ensemble	53.0761001 and 53.0761002	9-12	Year	Audition required	<p>Students with advanced level skills are accepted in to this orchestra. AUDITION REQUIRED. Students are encouraged to be enrolled in private lessons outside of the school day in their chosen instrument. Students will continue building advanced skills involving bow technique, intonation, tone, and expression. Level VI music literature.</p> <p>Juana P. Alzaga – juana_alzaga@gwinnett.k12.ga.us</p>

Fine Arts - Band

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Symphonic Winds	53.0751001/2	9-12	Year	Director audition	<p>Highly advanced, by director recommendation only Rudy Gilbert, Director of Bands rudy_gilbert@gwinnett.k12.ga.us</p>



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Symphonic Band	53.0382001/2	9-12	Year	Director audition	Advanced, by director recommendation only Rudy Gilbert, Director of Bands rudy_gilbert@gwinnett.k12.ga.us
Concert Band	53.0371001/2	9-12	Year	Director audition	Prior band class experience, must be able to read music Rudy Gilbert, Director of Bands rudy_gilbert@gwinnett.k12.ga.us
Int. Band	53.0362001/2	9-12	Sem.	Drumline audition	Marching Band drumline class, director approval only Rudy Gilbert, Director of Bands rudy_gilbert@gwinnett.k12.ga.us

Fine Arts - Theatre

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Introduction To Theatre	52.0210001	9-12	Semester	none	May only take one semester An introductory course covering basic theatrical performance, history and technical elements Gina Parrish@gwinnett.k12.ga.us
Musical Production Workshop	52.0310001	9-12	Semester	none	May only take one semester An introduction to musical theatre performance techniques. Gina Parrish@gwinnett.k12.ga.us
Stage Craft	52.0470004	9-12	Year or Semester	none	May be taken all four years with teacher rec. Gina Parrish@gwinnett.k12.ga.us



Norcross High School 9th Grade Elective Courses 2012-2013

Fine Arts - Art

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
2D Design	50.0421001	9-12	Sem	none	Students develop creative solutions to two-dimensional design issues using a variety of media and techniques. They will be taught the principles and elements of design as they relate to two-dimensional works of art. Students will explore contemporary and historical art and art criticism. Projects include contour drawing, value drawing, still-life drawing, watercolor, acrylic, chalk and oil pastels, perspective drawing, and mixed media. Martha Cook, martha_cook@gwinnett.k12.ga.us
3D Design	50.0422001	9-12	Sem	none	Students develop creative solutions to three-dimensional design issues using a variety of forming techniques and a variety of media. They will be taught the principles and elements of design as they relate to three-dimensional works of art. Students will explore contemporary and historical art and art criticism. Projects include paper sculpture, pottery, plaster sculpture, paper mache sculpture, clay sculpture, architecture, and wire sculpture. Martha Cook, martha_cook@gwinnett.k12.ga.us



Norcross High School 9th Grade Elective Courses 2012-2013

Foreign Language

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
French 1	60.0110001/2	9-12	Year	None	<p>The objective of the level one modern language course is to develop novice-level language proficiency. There is an academic focus on the four basic skills of communication in the respective language: listening, reading, speaking and writing in order to promote linguistic and cultural appreciation and understanding. The honors and gifted tracks cover a broader depth of curriculum scope at a faster pace. Students must be identified as <i>gifted</i> on school record to be placed in a gifted modern language class. Some advanced students may begin at level 2 with teacher recommendation.</p>
French 1 Honors	60.0110041/2	9-12	Year	None	
French 1 Gifted	60.2110041/2	9-12	Year	None	
Spanish 1	60.0710001/2	9-12	Year	None	
Spanish 1 Honors	60.0710041/2	9-12	Year	None	
Spanish 1 Gifted	60.2710041/2	9-12	Year	None	
Spanish for Native Speakers	60.0790001/2	9-12	Year	Diagnostic Placement test	This is a language, culture and literature course for heritage speakers of Spanish.



Norcross High School 9th Grade Elective Courses 2012-2013

Health and PE

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Health (HEALTH)	17.0110001	9 th	Semester	Graduation Requirement	Health topics : Decision making, First Aid, Nutrition, Tobacco, Alcohol, Illegal Drugs, ADAP program, Family Life Coach Gallois / Coach Richardson Amy_Gallois@gwinnett.k12.ga.us Corey_Richardson@gwinnett.k12.ga.us
Introduction to Lifetime Fitness (INTRO LIFE FIT)	36.0510001	9 th	Semester	Graduation Requirement	Cardiorespiratory fitness, weight training, cardio-fitness games, information on how to live a physically fit life Coach Gallois / Coach Richardson Amy_Gallois@gwinnett.k12.ga.us Corey_Richardson@gwinnett.k12.ga.us



Norcross High School 9th Grade Elective Courses 2012-2013

Business Education and Technical Education

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Business Essentials	06.416003/4	9 th – 12 th	Yearlong	None	Business Essentials is appropriate for students who plan to own and operate their own businesses. The course will help students build a strong knowledge base and develop management skills as they study forms of business ownership, functions of management, budgeting and finance, technology, communications, legislation, leadership and teamwork, marketing, and economics. Mastery of these standards through project-based learning and leadership development activities of the Career and Technical Student Organizations will help prepare students with a competitive edge for the global marketplace.
Computing in the Modern World	11.4130003/4	9 th – 12 th	Yearlong/ Can take either semester	None	<p>The goal of this course is to provide all students with an introduction to the principles of computer science and its place in the modern world. This course should also help students to use computers effectively in their lives, thus providing a foundation for successfully integrating their own interests and careers with the resources of a technological society.</p> <p>In this project-based course, high school students can acquire a fundamental understanding of the operation of computers and computer networks and create useful programs implementing simple algorithms. By developing Web pages that include images, sound, and text, they can acquire a working understanding of the Internet, common formats for data transmission, and some insights into the design of the human-computer interface. Exposure to career possibilities and discussion of ethical issues relating to computers should also be important threads in this course.</p>



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Financial Literacy	7.4260001	9 th – 12 th	1 Semester	None	Students will learn critical aspects of personal financial skills. Financial literacy provides instruction in banking, credit, and personal finances. Content includes the history of banking, budgeting, negotiable instruments, personal banking accounts, consumer protection laws, banking services, and technology in banking. Finance uses project-based instruction and students are introduced to the foundations of finance and the role of finance, credit, savings, investments, and estate planning play in business. Various technological tools will be used to assist in modeling financial decisions.
Entrepreneurship	06.4170001	9 th – 12 th	1 Semester	None	The Entrepreneurship program is designed for the study of all aspects of starting a business. Students identify their potential for creating a business or marketable product/ idea.
Business Communication and Presentation	7.4831001/2	9 th – 12 th	Yearlong	Ability to type and computer experience	Business Communication and Presentation is a popular course instructing students on creating presentations with text, graphics and sound by using PowerPoint. Other software used: Adobe Photoshop, Adobe Premier Pro and Moviemaker.



Norcross High School 9th Grade Elective Courses 2012-2013

Foundations of Engineering and Technology	21.4250001/ 21.4250002	9 th – 12 th	Yearlong	None	This is the introductory course for all Georgia Engineering and Technology Education pathways. This course provides students with opportunities to develop fundamental technological literacy as they learn about the history, systems, and processes of invention and innovation.
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Norcross High School Elective Courses 2012-2013

Religion

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Christ and Culture (fall semester)	00.0000023	10-12	Semester		<p>This class is about the philosophic and religious concept of <i>worldview</i>, in particular the Christian worldview, and is for anyone who wants to explore more deeply what they believe about the world. Our focus will be on how our culture (movies, music, etc) shapes the way we think. Our starting point will be the Christian faith, which we will compare with other influential worldviews. Ultimately, we are looking for answers to the question, "How am I supposed to make sense of the world around me. The teacher will be Leroy Lamar and the class will only meet during 2nd period. No prerequisite. Parent permission will be requested the first day of class.</p>
Life and Teachings of Jesus (spring semester)	00.0000023	10-12	Semester		<p>This class is not just for Christians, but is for anyone who is interested in what Christianity is all about. This class will examine the life of Jesus of Nazareth, and consider his significance in history. Our textbook is the Bible, with an emphasis on what is known as the New Testament. We'll explore Jesus' life and teachings as they're described in the "four gospels," and seek to answer the questions, "Who was Jesus?" and "Why should we care?" The teacher will be Leroy Lamar and the class will only meet during 2nd period. No prerequisite. Parent permission will be requested the first day of class.</p>



Norcross High School 4th Year Science Courses 2012-2013

Science

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Anatomy & Physiology	26.0730001/2	11-12	Yearlong	Bio/Chem	Anatomy and Physiology is an in-depth study of the structure and function of the human body. This course is based on a systems approach with an emphasis on tissues, metabolic processes, homeostasis, and clinical applications. This course is designed for students who have a serious interest in pursuing a health-related career. [contact: Kendra Bensch (rm D-213); Kendra_Bensch@gwinnett.k12.ga.us]
Oceanography	40.0710001/2	11-12	Yearlong	Bio	This course is an in-depth study of oceanography. Topics include historical oceanography; plate tectonics; properties of water; ocean circulation; marine sediments; interactions between air, land and sea; and marine environments, resources and pollution. Math skills are needed/used throughout the course. [contact: Julie Blanchard (rm D-217); Julie_Blanchard@gwinnett.k12.ga.us]
Earth Systems	40.0640001/2	11-12	Yearlong	Bio/Chem	This course is an in-depth study of geology. Topics studied include the Earth's place in the universe, forces affecting land form structures, geologic time table, biochemical cycles, changes in the Earth's crust, and Georgia's geologic resources. [contact: Joe Pepitone (rm D-231); Joe_Pepitone@gwinnett.k12.ga.us]

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Energy and Power Technology	21.4510001/2	11-12	Yearlong		Students explore the relationship between force, work, energy, and power. Students study the characteristics, availability, conversion, control, transmission, and storage of energy and power.
AP Physics C - Mechanics	40.0841010	12	Yearlong	Physics AP Calculus concurrently	This a college-level freshman physics course in Mechanics and is calculus based. The objectives for this course follow the College Board syllabus, preparing students for the optional AP Exam in Mechanics. [contact: Will Stoll (rm D-229) Will_Stoll@gwinnett.k12.ga.us Alan Hayes (rm D-229); Alan_Hayes@gwinnett.k12.ga.us]
Astronomy	40.0210001/2	12	Yearlong	Chem/Physics	This course is an in-depth study of Astronomy. Topics include the history of astronomy; the relationship between the Earth, Moon, and Sun; and the study of the solar system, stars, galaxies, and the Universe. [contact: Alan Hayes (rm D-229); Alan_Hayes @gwinnett.k12.ga.us]
AP Environmental Science	26.0620011/2	11-12	Yearlong	Bio/Chem, Physics concurrently	This is a college-level freshman environmental science course. The objectives for this course follow the College Board syllabus, preparing the students for the optional AP Exam. [contact: Patty McClain (rm D-226); Patty_McClain@gwinnett.k12.ga.us]

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Environmental Science	26.0611001/2	11-12	Yearlong	Bio/Chem	This course is an in-depth study of environmental science. Topics include ecology, effects of natural and human activity on land, water and air, energy resources and conservation, food production, preservation and storage, waste management, pollution and human health, and biotechnology. [contact: Joe Pepitone (rm D-231); Joe_Pepitone@gwinnett.k12.ga.us]
AP Biology	26.0140011/2	9-12	Yearlong	Biology recommended-not required	This is a college-level freshman biology course. The objectives for this course follow the College Board syllabus, preparing students for the optional AP Exam. [contact: Carol Bohannon (rm D-222); Carol_Bohannon@gwinnett.k12.ga.us]
AP Chemistry	40.0530011/2	12	Yearlong	Bio/Chem	This is a college-level freshman chemistry course. The objectives for this course follow the College Board syllabus, preparing the students for the AP Chemistry Exam.
Forensic Science	40.0930001/2	11-12	Yearlong	Bio/Chem, Physics concurrently	Forensic Science is the study of the application of science to the law. This integrated science course is designed to explore the scientific and technological aspects of criminal investigations. Topics will include the study of DNA, glass, blood, fingerprinting, chemical residues, and evidence collection as it relates to forensic issues. Applications to court cases, literature, psychology, and criminology also will be examined. Biology, chemistry, and physics are used extensively in this course. Trigonometry is also used in this course. [contact: Mary Bergh (rm D-219); Mary_Bergh@gwinnett.k12.ga.us]

Appropriate and Alternative Energy Technologies	21.4570001/2	11-12	Yearlong		Students develop an understanding of the differences between non renewable, renewable, and inexhaustible energy sources and how these energy sources affect their world.
AP Computer Science	11.4160011/2	11-12	Yearlong		Students learn advanced programming concepts in this class in preparation for the AP Java Exam. Field trip will be taken to Computer Gaming Seminar. Teacher Comments: Students need strong math skills.



Norcross High School Elective Courses 2012-2013
Social Studies

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Psychology	45.0150001	11-12	1 semester	n/a	<p>This is the study of individual behavior – why we act the way we do. The course introduces students to basic psychological concepts and principles as well as the rules, laws, and theories of psychology. Topics of study include: determiners of personality theories of the development of intelligence and testing characteristics of basic needs. A study of self-concept is also included. With this knowledge of themselves and others, students should be able to make informed decisions which are impacted by changing environments and situations.</p> <p>Contact: Dr. Mike Findley – michael_findley@gwinnett.k12.ga.us</p>
Sociology	45.0310001	11-12	1 semester	n/a	<p>This is the study of group behavior – what influences do peer groups, family and religion have on people. The course helps students understand and appreciate people as independent agents in cooperative activities with others. Topics to be covered are: the organized way people fulfill basic needs (institutions); the setting of social rules and their enforcement (social control); and the possessions people have, the way they think and their actions as members of society (culture). Students will use the social scientific method as a mode of research.</p> <p>Contact: Kristina Hanley – kristina_hanley@gwinnett.k12.ga.us</p>

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
Law	45.0560001	11-12	1 semester	n/a	<p>This course develops an understanding of the basic component of the legal and criminal justice system in the United States. Students are offered an overview of civil and criminal law in this country as well as an examination of various legal institutions and processes (e.g. the police, courts, rehabilitation systems, etc.)</p> <p>Steve Sims - Steve_Sims@gwinnett.k12.ga.us</p>

AP Psychology	45.0160010	11-12	Yearlong	n/a	<p>Advanced Placement Psychology provides students with the opportunity to examine the scientific nature of psychology and to determine the relevance of the behavioral sciences in our lives today. Students will examine the issues leading to the development of psychology as a science as well as the issue currently being addressed in the field of human behavior. A social studies teacher recommendation is required.</p> <p>Contact: Dr. Mike Findley – michael_findley@gwinnett.k12.ga.us</p>
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Norcross High School Elective Courses 2012-2013

Junior ROTC

Course Name	Course #	Grade Levels	Yearlong or Semester	Prerequisite	Course Description/Contact Person & Email Address
JROTC-1	28.03100	9 th /10 th / 11 th /12 th	Yearlong	None	<p>Introduction to Leadership and Character Development includes classroom instruction and laboratory instruction in the history, customs, traditions and purpose of Army JROTC. It contains the development of basic leadership skills to include leadership principles, values and attributes. Development of core skills students should master an appreciation for diversity, and active learning strategies are integrated throughout the course. Financial planning is introduced. Physical fitness, diet, nutrition, healthy lifestyles and awareness of substance abuse and prevention and basic first aid measures are additional content areas. An overview of geography and the globe are incorporated. Also included is a study of the U.S. Constitution, Bill of Rights, responsibilities of U.S. citizens and the federal justice system.</p> <p>All JROTC-1 students are eligible for participation in co-curricular activities which include academic, drill, and raider teams.</p>
JROTC-2	28.03200	10 th /11 th / 12 th	Yearlong	JROTC 1	<p>Intermediate Life Skills, Geography and Government introduces equal opportunity and sexual harassment. It provides self assessments that help students determine their skill sets and opportunities to teach using accepted principles and methods of instruction. It emphasizes community projects to assist in drug prevention efforts, includes dietary guidelines and fitness and introduces map-reading skills. It discusses the significant events that helped shape and develop the Constitution and government and teaches the role of</p>

					<p>political parties in the election process.</p> <p>All JROTC-2 students are eligible for participation in co-curricular activities which include academic, drill, and raider teams.</p>
JROTC-3	28.03300	11 th /12 th	Yearlong	Requires instructor approval	<p>Advanced Leadership, Principles of Management, Advanced Life Skills, Orienteering and History allows cadets to investigate the interrelationships of the services while it continues to build their leadership development and decision-making skills. It includes negotiation skills and management principles. It emphasizes staff procedures and provides leadership situations and opportunities to handle various leadership situations as well as preventing violence and managing anger.</p> <p>All JROTC-3 students are eligible for participation in co-curricular activities which include academic, drill, and raider teams.</p>
JROTC-4	28.03400	12 th	Yearlong	Requires instructor approval	<p>Leadership Seminar and Social Sciences provides the opportunity to demonstrate leadership potential in an assigned command or staff position within the cadet battalion organizational structure. It includes how to use emotional intelligence in leadership situations as well as how to maintain a positive attitude. It provides instruction on etiquette, daily planning, financial planning, and careers. It includes requirements for the practical application of leadership duties</p> <p>All JROTC-4 students are eligible for participation in co-curricular activities which include academic, drill, and raider teams.</p>