Electives Course Description and Guide
Quander Road School 2012-13

Dr. C. Floyd
Principal

Mr. L. Bickel
Assistant Principal
PERSONAL DEVELOPMENT (781580)
Grades: 9, 10, 11, 12 Credit: one
Designed for students whose social/emotional needs affect their school performance. Instructional topics include: understanding yourself, goal setting, communication, building relationships, dealing with emotions, stress management, wellness, problem-solving, decision-making, self-advocacy, and career and transition. This course is appropriate for students who have documented social/emotional needs on their Individualized Educational Program (IEP).

THEATRE ARTS 1 (141000)
Grades: 9, 10, 11, 12 Credit: one
Theatre Arts 1 provides students with a survey of the theatre arts, allowing students the opportunities to experience and appreciate dramatic literature, and participate in the creative processes of performance and production. The course emphasizes skill development and provides theatrical opportunities that enable students to determine personal areas of interest. Participation in co-curricular theatre productions may be arranged. This course may be used to satisfy the graduation requirement for a credit in fine and practical arts.
This course requires a student materials fee as listed in FCPS Notice 592

STUDIO ART & DESIGN 1 (912000)
Grades: 9, 10, 11, 12 Credit: one
Explore a variety of exciting opportunities and materials to inform the artmaking process. Learn to think conceptually and realize potential as a creative and critical thinker in order to meet the challenges of 21st century living. Explore personal interests while developing skills in the areas of drawing, painting, printmaking, ceramics, sculpture, and digital media. Course content includes art production, art appreciation, and studies in visual culture.
This course requires a student materials fee as listed in FCPS Notice 5922.
STUDIO ART & DESIGN 2 (913000)
Grades: 10, 11, 12 Credit: one
Prerequisite: STUDIO ART AND DESIGN 1
Cultivate previously developed artistic knowledge and skills learned in Studio Art and Design 1. Explore new combinations and possibilities in the use of two-dimensional and three-dimensional media including technological applications. Investigate contemporary topics as they relate to artistic expression and design. Ask questions, solve problems, create products, and communicate ideas in innovative ways. Course content includes art production, design thinking, art history and criticism, aesthetics, and studies in visual culture.
This course requires a student materials fee as listed in FCPS Notice 5922.

STUDIO ART & DESIGN 3 (914000)
Grades: 11, 12 Credit: one
Prerequisite: STUDIO ART AND DESIGN 2
Expand and improve artistic understandings and skills by using creative processes. Develop an individual style and voice to communicate ideas. Articulate responses to personal and global issues through the integration of traditional and electronic media. Present artwork in diverse formats. Course content includes art production, design application, art history, criticism, aesthetics, and studies in visual culture.
This course requires a student materials fee as listed in FCPS Notice 5922.

NEW this School Year

ECONOMICS AND PERSONAL FINANCE (612000)
Grades: 9, 10, 11, 12 Credit: one
Instruction in economics and personal finance prepares students to function effectively as consumers, savers, investors, entrepreneurs, and active citizens. Students learn how economies and markets operate and how the United States' economy is interconnected with the global economy. On a personal level, students learn that their own human capital (knowledge and skills) is their most valuable resource. Beginning with students entering ninth grade in fall 2011, one standard unit of credit in Economics and Personal Finance is required for graduation.
Health & Physical Education-Required Courses

HEALTH AND PHYSICAL EDUCATION 9 (730000)
Grades: 9 Credit: one
Students gain knowledge and skills in a variety of individual, dual, and team sports/activities to develop competencies to promote an active lifestyle. Students begin to apply personal fitness planning concepts to individualized plans. One quarter of the course includes instruction in the health education topics of drug use prevention, alcohol, tobacco, and other drugs; emotional and social health; personal health; injury and violence prevention; disease prevention; and cardiopulmonary resuscitation and automated external defibrillation (CPR and AED).

HEALTH AND PHYSICAL EDUCATION 10 (740500)
Grades: 10 Credit: one
Prerequisite: Successful completion of Health and Physical Education, grade 9
Students demonstrate competency in a lifetime sport or activity and demonstrate personal fitness planning. One quarter of the course includes instruction in the health education topics; personal and community health, nutrition, human growth and development, and injury and violence prevention. One quarter of the course includes the classroom component of driver education. The 90-minute Parent/Teen Traffic Safety Presentation is offered to fulfill the requirements of juvenile licensing. Grades from all quarters are averaged to determine the final course grade.

DESIGN AND TECHNOLOGY (840300)
Grades: 9, 10, 11, 12 Credit: one
Design and Technology is designed as a foundation high school course in technology education. Students use core technology knowledge to solve open-ended problems and create systems. Laboratory activities engage students in the design process through projects that integrate mathematics, science, and other core subjects. Working in groups, students build and control systems in the development of technology. Students successfully completing this course may be eligible to earn a Career and Technical Education diploma seal. Students successfully completing this course in conjunction with another one credit course within the same program area will satisfy the sequential elective requirement for the standard or modified standard diploma. This course requires a student materials fee as listed in FCPS Notice 5922.
GOURMET AND INTERNATIONAL FOODS (825900)
Grades: 10, 11, 12 Credit: one
This course allows students to explore food safety and sanitation, food preparation and presentation of foods, global cuisines, and a variety of careers related to the hospitality, tourism and recreation industry. Skills in mathematics, science, and communications will be reinforced throughout the curriculum. In addition, emerging technologies used in related industries will be incorporated. Students completing Gourmet and International Foods with a "B" or better may be eligible to articulate up to four credits at Stratford University.

Students successfully completing this course may be eligible to earn a Career and Technical Education diploma seal. Students successfully completing this course in conjunction with another one credit course within the same program area will satisfy the sequential elective requirement for the standard or modified standard diploma. This course requires a student materials fee as listed in FCPS Notice 5922.

EDUCATION FOR EMPLOYMENT (EFE) COOPERATIVE INTERNSHIP (CO-OP) (829920)
Grades: 10, 11, 12 Credit: one
Corequisite: Student must be concurrently enrolled in 907860 or 908060.
Students receive school-based and community-based instruction organized around an approved job that leads toward their career goal. The teacher-coordinator, on-the-job training sponsor, parent, and student develop an individualized training plan that identifies learning experiences according to the student's occupational objective. The on-the-job paid training is an extension of the classroom instruction coordinated by the classroom teacher into a coherent set of performance objectives and skills. Students enrolled in EFE Co-op attend at least one EFE class and work a minimum of 396 hours (10 hours per week) in an approved and supervised part-time job for one credit. This must be reflected on the IEP.

WORK AWARENESS AND TRANSITION (907161)
Grades: 9, 10, 11, 12 Credit: one
This option is available to high school students receiving special education services. Students explore potential career options while developing/improving skills needed for success in employment such as interpersonal/co-worker relationships. Most students participate in community work experiences as well. Students successfully completing two years of this course will satisfy the sequential elective requirement for the Standard or Modified Standard diploma. This must be reflected on the IEP.
MUSIC SAMPLER (921415)
Level 1
Grades 9, 10, 11, 12  Credit one

Students are provided the opportunity to sample a variety of musical experiences in a non-performing music class. Course content includes beginning guitar and class piano experience, as well as various modules designed to assist students in developing music reading and composing skills. Selected composers and musical compositions will be studied as a part of this course.

MUSIC SAMPLER (921416)
Level 2
Grades: 9, 10, 11, 12 Credit one

Students continue to sample a variety of musical experiences in a non-performing music class. Course content includes guitar and class piano experiences, as well as various modules designed to assist students in developing music reading and composing skills. Selected composers and musical compositions will be studied as a part of this course.

Students Needing Reading Support

Language (118060)
Grades: 9,10,11 Credit: one

LANGUAGE! Accelerates reading achievement for struggling students in grades 3–12 who are scoring below the 40th percentile on group-administered standardized tests. With LANGUAGE! Students learn the skills and concepts necessary to progress from reading significantly below grade level to reading at the high school instructional level. Meeting the needs of different students from assessment to implementation with:
• Integrated, comprehensive instruction
• Flexible implementation models
• Ongoing assessment and instructional system
• Scheduling options with Differentiation

LANGUAGE! is cumulative, sequential, and integrated, providing the scaffolding needed to ensure literacy development through each of the six key literacy strands.
INDIVIDUALIZED MATH (312190)
Grades: 9, 10, 11 Credit: one
The purpose of this course is to provide the foundational skills necessary to enter Algebra 1 for ESOL students who are performing below the fifth grade level in mathematics. Students examine algebra- and geometry-preparatory concepts and skills; strategies for collecting, analyzing, and interpreting data; and number concepts and skills emphasizing proportional reasoning. Problem solving, communication, concept representation, and connections among mathematical ideas are presented in a hands-on learning environment. Students may need up to two years to complete the course, but should move to the next course as soon as their mathematics skills warrant. This course emphasizes language objectives in addition to mathematics objectives and does not meet the mathematics graduation requirements; students earn elective credit.

ALGEBRA 1 / PART 1 (313100)
Grades: 9, 10 Credit: one
Prerequisite: Middle School Mathematics
Algebra 1 / Part 1 extends students' understanding of the real number system and its properties through the study of variables, expressions, equations, inequalities, and analysis of data derived from real-world phenomena. Topics include linear equations and inequalities, linear relations and functions, measures of central tendency (mean, median, mode), data analysis and middle school objectives as needed. Algebra 1 / Part 1 includes approximately sixty percent of the Virginia Standards of Learning for Algebra 1. Students who began 9th grade during the 2009-2010 school year or earlier must pass Algebra 1 to receive mathematics graduation credit for Algebra 1 / Part 1. This course will not count towards a mathematics graduation credit for students who start 9th grade during the 2010-2011 school year or later. It can be used as an elective credit.