



High School Course Catalog
2021-2022

Administrator: Mr. John Kennerknecht

King's Christian Academy

Please visit our website, kcaroanoke.com, for additional information.

General Information:

King's Christian Academy, hereafter KCA, is accredited by ACTs (Association of Christian Teachers and Schools), Middle States Association (MSA CESS), and the National Council for Private School Accreditation (NCPSA).

KCA offers the following to high school students:

- A Christ-Centered, Christ-first educational environment
- Essential core classes required for graduation in the state of Virginia
- Advanced, Standard, and Skills Diploma tracks
- A variety of elective and extra-curricular options
- Education directed at developing college/career-ready students
- Academic and career counseling
- Honors and Dual Enrollment offerings
- College and Career Preparatory services
- Abundant Life Education Plans (ALEPs) for all students
- Cooperation with Roanoke City Schools for additional services through an ISP (Individualized Service Plan), if available, and if the student qualifies

King's Christian Academy

Table of Contents

School Description	4
Graduation Requirements	5-10
Standard Diploma	5
Advanced Diploma	6
Skills Diploma	7
Recommended High School Track	8
High School Graduation Tracker Type 1.....	9
High School Graduation Tracker Type 2.....	10
Guidance Information	11-12
Course List	13-14
Bible	15
Career Education	16-17
Build Smart Institute	16-17
Dual Enrollment	18
Electives	19-20
English	21
Extra-Curricular	22-23
Health and Physical Education	24
History	25-26
Internships	27
Mathematics	28-30
Occupation/Registered Apprenticeship Electives.....	31
Personal Finance	32
Science.....	33
World Language	34
Student Activities	35

King's Christian Academy

School Mission:

KCA is committed to Equipping Warriors for Christ. KCA endeavors to provide high quality development in all aspects of Spiritual, academic, social, and personal development. KCA is an integral part of Parkway House of Prayer and adheres to Parkway House of Prayer's standards, beliefs, purposes, and vision.

Christ-Centered Atmosphere:

KCA offers weekly chapel services, regular Bible lessons, Biblically-based education, and Faith-based counsel to students. Developing Godly character and investing in students, understanding their callings, and equipping them, remains a central mission of the atmosphere of KCA.

School Programs:

KCA offers high school students a high-quality education with options for pursuing and graduating with college credit and/or career experience. KCA offers fully traditional classrooms for all core courses, but additionally offers online Dual Enrollment options for courses of particular interest to students. Online courses and PACES are also available to help students who need to make up additional credits.

KCA offers Dual Enrollment primarily through Liberty University Online Academy. KCA can also assist students in attending Dual Enrollment through Virginia Western (Online/On-Campus).

School Community:

Parent and student involvement is extremely important to students' success. The school is overseen by the KCA School Board, which includes parents. The PTF is a parent-led team that plans events, fundraisers, and teacher appreciation events.

Academic Excellence:

Students at King's Christian Academy are encouraged to pursue academic excellence through the offering of individualized plans for support, Dual Enrollment and Honors courses, and through three diploma tracks.

Advanced Diploma

Standard Diploma

Skills Diploma

Graduation Requirements

Information obtained from doe.virginia.gov

Standard Diploma

<u>Course</u>	<u>Credits</u>	<u>Description</u>
Bible	<u>4</u>	
English	<u>4</u>	
Mathematics	<u>3</u>	At least two of the following: Algebra 1, Geometry, Algebra Functions, Algebra 2.
Laboratory Sciences	<u>3</u>	At least two of the following: Earth Science, Biology, Chemistry, or Physics, or completion of the sequence of science courses required for the International Baccalaureate Diploma and shall include interdisciplinary courses that incorporate Standards of Learning content from multiple academic area
History and Social Sciences	<u>3</u>	Must include: Virginia & US History and U.S. Government. At least one course in World History or Geography.
Health and Physical Education	<u>2</u>	
World Language, Fine Arts, or Career and Technical Education	<u>2</u>	<i>A computer science course may be considered in fulfillment of the Career and Technical Education Credit.</i>
Economics and Personal Finance	<u>1</u>	
Electives	<u>4</u>	Courses to satisfy this requirement shall include at least two sequential electives as required by the Standards of Quality.
Total:	<u>26</u>	

Advanced Diploma

<u>Course</u>	<u>Credits</u>	<u>Description</u>
Bible	<u>4</u>	
English	<u>4</u>	
Mathematics	<u>4</u>	At least three of the following: Algebra 1, Geometry, Algebra 2, or course above the Algebra 2 level.
Laboratory Sciences	<u>4</u>	At least three of the following: Earth Sciences, Biology, Chemistry, or physics or completion of the sequence of science courses required for the International Baccalaureate Diploma and shall include interdisciplinary courses that incorporate Standards of Learning content from multiple academic areas. Physical Science is NOT counted as a high school credit. Physics will be required at KCA for an advanced diploma.
History and Social Sciences	<u>4</u>	Must include: Virginia & US History and Virginia & U.S. Government and two courses in World History or Geography or both.
Health and Physical Education	<u>2</u>	
World Language	<u>3</u>	Must include: Three years of one language or two years of two languages.
Fine Arts or Career and Technical Education	<u>1</u>	A computer science credit course may be considered for Career and Technical education.
Economics and Personal Finance	<u>1</u>	
Electives	<u>3</u>	Courses to satisfy this requirement shall include at least two sequential electives as required by the Standards of Quality.
Total:	<u>30</u>	

Skills Diploma

<u>Course</u>	<u>Credits</u>	<u>Description</u>
Bible	<u>4</u>	
English	<u>4</u>	
Mathematics	<u>3</u>	At least two of the following: Algebra 1, Geometry, Algebra Functions, Algebra 2.
Laboratory Sciences	<u>3</u>	At least two of the following: Earth Sciences, Biology, Chemistry, or Physics, or completion of the sequence of science courses required for the International Baccalaureate Diploma and shall include interdisciplinary courses that incorporate Standards of Learning content from multiple academic area
History and Social Sciences	<u>3</u>	Must include: Virginia & US History and U.S. Government. At least one course in World History or Geography.
Health and Physical Education	<u>2</u>	
World Language, Fine Arts, or Career and Technical Education	<u>2</u>	<i>A computer science course may be considered in fulfillment of the Career and Technical Education Credit.</i>
Economics and Personal Finance	<u>1</u>	
Electives	<u>4</u>	4 years of career training.
Total:	<u>26</u>	

Recommended High School Track

<p><u>9th Grade</u></p> <ol style="list-style-type: none"> 1. Bible 9 2. English 9 3. Math (Algebra 1, Honors Geometry) 4. Science (Earth Science/Biology) 5. Cultural Geography 6. Physical Education/Health 7. World Language 8. Elective (For Skills Diploma- Career Option) 	<p><u>11th Grade</u></p> <ol style="list-style-type: none"> 1. Bible 11 2. English 11 3. Math (Algebra 2, Algebra Functions, Trigonometry or Statistics) 4. Science (Chemistry or Physics) 5. US History 6. Elective (For Skills Diploma- Career Option) 7. Advanced Diploma: Fine Arts 8. Advanced Diploma: World Language
<p><u>10th Grade</u></p> <ol style="list-style-type: none"> 1. Bible 10 2. English 10 3. Math (Geometry, Algebra Functions, Algebra 2, or Honors Algebra 2) 4. Science (Biology, Biology: Human Anatomy and Physiology, or Chemistry) 5. World History 6. Physical Education/Health 7. World Language 8. Elective (For Skills Diploma- Career Option) 	<p><u>12th Grade</u></p> <ol style="list-style-type: none"> 1. Bible 12 2. English 12 3. Standard Diploma: Elective (For Skills Diploma- Career Option) 4. Economics and Personal Finance 5. Advanced Diploma: Math (Pre-Calculus) 6. Advanced Diploma: Science (Physics) 7. Advanced Diploma/Standard Diploma: Government

Important College Resources

PSAT/SAT and FAFSA information: collegeboard.org

Additional Financial Aid Information: studentaid.gov

Scholarship Search: Fastweb.com, Careeronestop.org, Brightfutures.collegeboard.org

Virginia Western Community College: <https://www.viriniawestern.edu/>

High School Graduation Tracker- Type 1:

Fill in the Blank with the Course you took/are taking.

If you did not take a course, put an "X" or "none" on the line.

Circle Desired Diploma Type: Standard | Advanced | Skills

<p align="center"><u>9th Grade</u></p> <p>9. Bible: _____</p> <p>10. English: _____</p> <p>11. Math : _____</p> <p>12. Science: _____</p> <p>13. History: _____</p> <p>14. Physical Education: _____</p> <p>15. World Language: _____</p> <p>16. Elective (For Skills Diploma- Career Option): _____</p> <p><u>Total Credits:</u> _____</p>	<p align="center"><u>11th Grade</u></p> <p>9. Bible: _____</p> <p>10. English: _____</p> <p>11. Math : _____</p> <p>12. Science: _____</p> <p>13. History: _____</p> <p>14. Elective (For Skills Diploma- Career Option) : _____</p> <p>15. Advanced Diploma: Fine Arts: _____</p> <p>16. Advanced Diploma: World Language: _____</p> <p><u>Total Credits:</u> _____</p>
<p align="center"><u>10th Grade</u></p> <p>9. Bible: _____</p> <p>10. English: _____</p> <p>11. Math: _____</p> <p>12. Science: _____</p> <p>13. History: _____</p> <p>14. Physical Education: _____</p> <p>15. World Language: _____</p> <p>16. Elective (For Skills Diploma- Career Option) : _____</p> <p><u>Total Credits:</u> _____</p>	<p align="center"><u>12th Grade</u></p> <p>8. Bible: _____</p> <p>9. English: _____</p> <p>10. Standard Diploma: Elective (For Skills Diploma- Career Option) : _____</p> <p>11. Personal Finance and Economics: _____</p> <p>12. Advanced Diploma: Math: _____</p> <p>13. Advanced Diploma: Science: _____</p> <p>14. Advanced Diploma: History: _____</p> <p><u>Total Credits:</u> _____</p>

High School Graduation Tracker – Type 2

Student:

	Standard Diploma Credits Earned/Needed	Advanced Diploma Credits Earned/Needed	Courses Taken Courses Needed	Course Selected
Bible	/4	/4		
English	/4	/4		
Math	/3 Needed Courses (at least 2): Algebra 1, Geometry, Algebra 2 or Algebra Functions	/4 Needed Courses (at least 3): Algebra 1, Geometry, Algebra 2 or Algebra Functions		
Science	/3 Needed Courses (at least 2): Earth Science, Biology, Biology (Anatomy and Physiology), Chemistry, or Physics	/4 Needed Courses (at least 3): Earth Science, Biology, Biology (Anatomy and Physiology), Chemistry, or Physics		
History	/3 Needed Courses: US History and US Government and one course in either World History <i>or</i> Geography	/4 Needed Courses: US History and US Government and two courses in either World History <i>or</i> Geography		
World Language	/2	/3 Needed Courses: 3 years of 1 language <i>OR</i> 2 years of 2 languages		
Health/PE	/2	/2 Needed: 1 semester of health		
Fine Arts or Career and Technical Education	-	/1 <i>A computer science course credit earned by students may be considered.</i> Academic Success qualifies		
Economics and Personal Finance	/1	/1		
Electives	/4	/3		
	Earned: Needed to Graduate (26):	Earned: Needed to Graduate (30):		

Guidance Information

Add/Dropping Courses:

Adding: Courses can be added via Liberty Online during the year; KCA classes cannot be added after the 3rd week of classes.

Dropping: Courses can be dropped before the end of the 3rd week of classes only if an alternate course can be located (if needed) or with parental and support office approval.

Dropped course will be included on the transcript, after the 1st week, with a “withdrawal” designation. This will not impact GPA.

Grade Point Averages:

Position	Min Grade	Letter	Grade Point
1	94.5	A+	4
2	92.5	A	3.7
3	89.5	A-	3.3
4	86.5	B+	3
5	82.5	B	2.7
6	79.5	B-	2.3
7	76.5	C+	2
8	72.5	C	1.7
9	69.5	C-	1.3
10	66.5	D+	1
11	62.5	D	0.7
12	59.5	D-	0.3
13	0	F	0

A student’s Grade Point Average (GPA) is determined by the final grade in each high school course they take. Final grades are determined by an average of each quarter grade for that course. The student’s total GPA is the average of GPAs from all courses the student has taken. Students are able to take weighted courses, which are honors or advanced courses, in order to receive a GPA on a weighted GPA scale. The weighted GPA scale enables a student to earn up to a 5.0 in a course. Essentially, a weighted course adds one GPA point for each minimum grade (i.e. a 94.5 and up would be a 5.0, a 92.5 and up would be a 4.7, an 89.5 and up would be a 4.3, etc.). Weighted courses are useful for competitive GPAs and for helping to pull up a student’s average GPA.

Failing a High School Course:

If a student fails or is academically withdrawn from a high school course (due to honor code violations), the course will earn a FN designation and result in a 0 grade/0 GPA. Courses can be retaken the next year on campus or later via online course options. Courses that act as a prerequisite for a course necessary for graduation must be retaken before a student can progress. If a student does not receive a passing grade in a state-required course, they will not receive the credit and will not be able to graduate until the course is retaken and passed.

Repeating a Course for Credit:

If a student is interested in retaking a course to increase their GPA, they must make this request immediately after the course has ended. The request must be made to the Student Support office to see if they qualify.

Criteria for Promoting to the Next Grade/High School Course

In order for a student to move on to the next grade level/meet criteria for passing a course in order to move on to the next level of that course, a student must maintain at least a D average. Honors Courses are subject to increased standards. Dual Enrollment courses will require continued administration approval.

College/Career Counseling:

College and Career counseling are offered through workshops and the KCA Student Support Office.

Course List

Bible:

Bible 9: Boys'/Girls' Bible: Understanding the Faith

Bible 10: Boys'/Girls' Bible: Understanding the Times

Bible 11: Boys'/Girls' Bible: Understanding the Culture

Bible 12: Boys'/Girls' Bible

English:

English 9: Fundamentals of Literature

English 10: Elements of Literature

English 11: American Literature

English 12: British Literature

History:

Cultural Geography

World History

US History

Government

Electives:

Drama

Ethics at Work/Ethics at Work in Me

Internship

Journalism/Media (Afterschool elective, .5 credits)

Work Study

Worship Team

Health and PE:

Health and PE

Math:

Algebra 1

Geometry

Algebra Functions

Algebra 2

Honors Algebra 1

Honors Geometry

Honors Algebra 2

Trigonometry

Statistics

Pre-Calculus

Personal Finance and Economics:

Economics and Personal Finance

Sciences:

Earth Science

Biology

Biology: Anatomy and Physiology

Chemistry

Physics

World Language:

Spanish (1-3)

Bible

Teacher: Mr. Kennerknecht (Boys' Bible)

Teacher: Mrs. St. Clair (Girls' Bible)

Credits Required for Graduation: 4 (Students who transfer into KCA may have reduced requirements)

Course Type: Required

Curriculum used: Summit Ministries

Format: In-Person

Location: KCA, Room: H21 (Mr. Kennerknecht) and H26 (Mrs. St. Clair)

Prerequisites:

Bible 9 (Understanding the Faith): has no prerequisites.

Bible 10 (Understanding the Times): Bible 9 is required for Bible 10

Bible 11 (Understanding the Culture): Bible 10 is required for Bible 11

Bible 12: Bible 11 is required for Bible 12

Course Description:

KCA requires 4 years of Bible for graduation (Transfer students graduate with an adjusted Bible credit amount).

Bible courses are designed to help students build skills in understanding the Bible, how to engage the world through Scripture, the Old and New Testament, how to approach Scripture, and how to understand Scripture using context, history, and determining the author. The primary intention of these courses is to help students truly understand their Faith, be committed to their Faith, and have the tools and knowledge to walk in relationship with Christ. Each Bible course builds upon the skills gathered in the previous course. This course is essential in helping students develop a Biblical Worldview. KCA is committed to equipping warriors for Christ!

Career Education

Teacher: Build Smart Institute

****This course requires Administrative and Parental approval****

****This course cannot be added/dropped after the first week****

Credits Required for Graduation: 0

For students on the Skills Diploma Track, this will be 4 credits

Course Type: Elective

Curriculum used: Build Smart Institute utilizes standards required for Home Builders Institute certification.

Format: In-Person (80% hands on and 20% classroom exercises) *off campus*.

Location: 701 Gainsboro Rd NW, Roanoke, VA 24016

Prerequisites: There is no prerequisite for the basic construction course. Specialty training, in areas such as plumbing requires basic construction course completion.

Course Description: “Build Smart Institute will provide a path for construction career-minded individuals to obtain training and hands-on education to foster ultimate placement in a construction industry position.” (Build Smart Institute, 2019).

For more information: buildsmartinstitute.org

Grades:

9th -12th

Programs:

9-12th: Basic Construction Fundamentals; Skills Course that offers a Build Smart Certificate and Home Builders Institute Certificate; Specific Learning (Plumbing, Electric, etc.)

Length of Program for 9-12th graders:

90 Hours

80% of Hands on Training

(The specific length in terms of weeks and times students attend, if during the day, can be suited to KCA if we are able to work quickly).

Facility:

Location- 701 Gainsboro Rd NW, Roanoke, VA 24016 (10 minutes from KCA)

Classroom space (2) on the outer edges of the facility that can hold 15 students. There is a Central lab space (10,000 sq. ft.) for practical applications. Classrooms look out into the lab.

Cost:

\$1800 (Possible Scholarships)

Benefits:

Real Time Competency Track (Online)

Builds student resumes

Makes student entering the workforce more competitive

Can provide References from Build Smart

Dual Enrollment

Facilitator: Tessa Laffoon

Through: Liberty University Online Academy *or* Virginia Western Community College

Credits Required for Graduation: 0

Course Type: Elective

Curriculum used: *Varies*

Format: In-Person or Online

Location: Virginia Western or Online

Prerequisites: Approval from Administration, 11-12th grade status (10th grade can be considered), pass entry placement tests, maintain honor code and a GPA of at least a 3.0.

Dual Enrollment Costs:

Liberty University:

\$280 for a 1 credit course

\$375 for a 2 credit course

\$555 for a 3 credit course

\$735 for a 4 credit course

Virginia Western Community College (in state):

\$170.09 for 1 credit

\$340.18 for 2 credits

\$510 for 3 credits

\$680 for 4 credits

Electives

Teacher: Varies

Credits Required for Graduation: 4 (3 for Advanced Diploma)

Course Type: Required

Curriculum used: *Varies*

Format: In-Person or Online

Location: KCA or Online

Prerequisites: *Varies per course*

Study Hall: Students who take study hall must be able to work it in their schedule while maintaining an appropriate amount of credits for the year. Study Hall requires administrative approval.

Course Description:

KCA Electives:

Art: Junior high school art will include a study of the elements of art with practices in Sketchbooks, and art projects applying those elements using a variety of mediums, such as paint, oil pastels, chalk pastels, and colored pencils.

Career Education (Build Smart Institute): *See page 16.*

Drama: Students will learn basic theater principles in stage movement, voice, diction, and pantomime. Students will study the history and vocabulary of theater and practice techniques to overcome stage-fright and develop self-confidence. The drama course will concentrate on improvisational techniques and acting skills for in-class performance and video projects. Students will write original scenes as well as act in established scenes, develop oral interpretation skills, and study the works of selected major playwrights.

Ethics at Work in Me; Ethics in Work: During the first semester, Ethics at Work in Me, students will define ethics, morals, and principals. The course will determine why these elements are necessary and about how students establish these ethics through their community, culture, and worldview. Students will work to understand the roles ethics play in their culture and career field and will complete surveys to have a fuller understanding of beliefs that they may encounter. In the second semester, Ethics in Work, students will determine careers/areas of interest and begin to study the ethics involved in their chosen work/interest, ethical concerns that may be faced in that position, and how to address ethical concerns.

Essential Life Skills: Students will obtain necessary life skills in studying, organization, and preparing for independent living. Junior High Only.

Internship: *See page: 27*

Sports Training: Students in this elective will prepare for sports through the study of a variety of sports, important athletic stretching, and sports practice. This course is limited to 8 students. Students who have previously taken this course cannot take it again.

Work Study: Students will require approval for this course and must maintain a minimum number of working hours each week. This course allows high school students to obtain employment during the school year and receive credit for time spent working. The overseeing teacher must have regular contact with the student's supervisor and weekly hours must be submitted.

Worship Team: Students will assist in leading worship chapels through preparing worship services and managing sound for services. This course will be a powerful opportunity for students to draw closer to the Lord through not only personal worship but through learning the skills and tools that will enable others to worship.

English

Teacher: Mrs. St. Clair

Credits Required for Graduation: 4

Course Type: Required

Curriculum used: BJU

Format: In-Person

Location: KCA, Room: H26

English 9: Fundamentals of Literature

English 10: Elements of Literature

English 11: American Literature

English 12: British Literature

Prerequisites:

English 9: None

English 10: English 9

English 11: English 10

English 12: English 11

Course Description:

English courses will help students develop skills in academic writing, reading and understanding important literary contributions, research, and communication. Each course will also work with different novels and do assessments and projects.

Extra-Curricular

Teacher: *Varies*

Credits Required for Graduation: 0 (Useful for College)

Course Type: Elective- **Extra-Curricular activities do not generate high school credit, but are essential for college applications.**

Curriculum used: *Varies*

Format: In-Person

Location: KCA

Prerequisites: *None; Some programs require application and approval to join*

Course Description:

Journalism and Media: The journalism and media team meets once weekly (afterschool). The journalism and media students keep students and parents up-to-date on school events and happenings through a monthly newsletter. These students also capture and preserve important school moments through photographing events and developing the school yearbook. High school students can take this course for a half credit.

Proverbs 27 Mentoring: This mentoring program is open to 4th-12th grade students. Mentors select to provide mentoring in one (or more) of the following areas: Social Mentoring, Spiritual Mentoring, and/or Academic Mentoring. Mentors require a recommendation from a teacher and will be required to provide a minimum of one hour weekly of mentoring. There will be a once-monthly supervision with the Mentor and Student Success Advocate to discuss progress, ideas, and needs.

Mentors will receive the following benefits: Ability to request special opportunities to mentor (supervised outdoor activities, lunches, etc.), an extra-curricular activity for college (Mentors in the program for at least one year prior to college will be eligible to receive a letter of recommendation), personal growth, and the ability to make an impact in the life of a younger peer.

Requirements to be a Mentor:

- Must maintain passing grades in all classes (Academic mentors must maintain -A's/B's in all classes they mentor in)
- Must have a recommendation from a teacher
- Cannot have disciplinary action taken while a mentor (detentions and suspensions will result in a mentor being unable to continue)

-Must profess to be a believer in Jesus Christ and exhibit Godly character

-7th -12th grade (students in 6th grade and below can participate in an abbreviated mentor program)

-Administrative Approval

Cross Country: Any student in the 5th-12th grade can try out for Cross Country. There is a \$100 athletic fee and an updated sports physical is required. Cross Country runners will compete against other VACA schools in the fall.

Volleyball (Girls): Girls 5th-12th grade can try out for volleyball. High Schoolers in the 9-12th grade are eligible to participate on the Varsity team. There is a \$100 athletic fee and an updated sports physical is required. Volleyball competitions are held against other VACA schools in the fall.

Basketball (Boys): Boys 6-12th grade can try out for Varsity Basketball. There is a \$100 athletic fee and an updated sports physical is required. Basketball competitions are held against other VACA schools in the fall. Basketball is offered in the winter.

Soccer (Girls): Girls in 5th-12th grade can try out for soccer. Soccer competitions are held against other VACA schools in the fall. There is a \$100 athletic fee and an updated sports physical is required.

Soccer (Boys): Girls in 5th-12th grade can try out for soccer. Soccer competitions are held against other VACA schools in the fall. There is a \$100 athletic fee and an updated sports physical is required.

Health and Physical Education

Teacher: Mr. Jennings

Credits Required for Graduation: 2

Course Type: Required

Curriculum used: N/A

Format: In-Person

Location: KCA Gym and Property

Prerequisites: None

Course Description: Students engage in health-promoting physical activity including running, sports, and exercise.

For graduation, students will complete 1 semester of a health course.

History

Teacher: Mrs. Long (9-12th)

Credits Required for Graduation: 3 (4 for Advanced Diploma)

Course Type: Required

Curriculum used: BJU

Format: In-Person

Location: KCA, Room: H23

Prerequisites:

Cultural Geography: None

World History: Cultural Geography

US History: World History

Government: US History

Course Description:

Cultural Geography: This course will give students the opportunity to experience the best of world travel without ever leaving the classroom. This course begins with the foundational study of biblical geography and the understanding that God's natural resources are given for man's provision. Students will then encounter each geographical region to discover the cultural, political, economic, and religious diversity as well as how geography shapes the different nationalities and people groups across the globe.

World History: Students will have the opportunity to examine our past, beginning with Creation, and with a Biblical worldview, examine history across the globe. Students will explore the influences geography has had and continues to have in determining national boundaries as well as economics, industry, and security. Students will develop historical thinking skills, including beneficial research and study skills, and will learn to raise questions and to dig deeper to more accurately interpret the issues, events, and revolutions throughout the ages.

Virginia and U.S. History: This course will introduce students to the historical development of American ideas and institutions from the Age of Exploration to the current events shaping our history today. Through a Biblical lens, students will discover American culture within a chronological survey of major issues, movements, people, and events in Virginia and United States history. Using critical thinking and investigative social science skills, students will discover, through a wealth of primary sources, the challenges and victories faced by those forging the American Republic.

Virginia and U.S. Government: This course will provide students with a Biblical perspective regarding the foundational principles of federal, state, and local government. Students will have the opportunity to examine fundamental constitutional principles, discover the rights and responsibilities of citizenship, as well as immerse themselves in the political culture and policy-making process at each level of government.

Internships

Teacher: Credits Required for Graduation: 0 – Can be used as an Elective

Course Type: Elective

Curriculum used: *Varies*

Format: In-Person

Location: KCA

Prerequisites: None; however, this program requires Administration approval

Course Description: Students who enroll in an internship program will work in assigned classrooms at KCA as a teacher's aide. In this role, the student will assist the teachers and students during the assigned period following the guidance of the supervising teacher.

Mathematics

Teacher: Mrs. Oakes (Geometry)

Teacher: Mrs. Hoover (Algebra 1, Algebra Functions, Honors Geometry, Algebra 2)

Credits Required for Graduation: 3 (4 for Advanced Diploma)

Course Type: Required

Curriculum used: All Things Algebra; Statistics uses an online course; Calculus uses Curriculum by Jean Adams

Format: In-Person

Location: KCA, Room: H24 (Mrs. Hoover)

Prerequisites (Note: Math Course Promotion requires teacher approval, particularly in advanced courses):

Algebra 1: Pre-Algebra (8th Grade Math- Math 7 is the Prerequisite)

Geometry: Algebra 1 *or* Honors Algebra 1

Algebra 2: Geometry *or* Honors Geometry

Honors Algebra 1: Pre-Algebra (7th Grade- Pre-Algebra students who maintain an 85% or above and pass a readiness test)

Honors Geometry: Honors Algebra 1 with an 85% or above average

Honors Algebra 2: Honors Geometry with an 85% or above

Statistics: Honors Algebra 2 with an 85% or above average

Trigonometry: Honors Algebra 2 with B average

Pre-Calculus: Trigonometry, honors track, maintained 85% average in honors math

Calculus: This track requires that a student take Algebra 1 in the 7th grade, honors track, maintained 85% average in honors math

Course Description:

Algebra 1- *See description of honors courses below; non-honors courses study similar material, but are not at an accelerated pace.*

Geometry- *See description of honors courses below; non-honors courses study similar material, but are not at an accelerated pace.*

Algebra 2- *See description of honors courses below; non-honors courses study similar material, but are not at an accelerated pace.*

Algebra Functions & Data Analysis- This course is designed for students who have successfully completed the standards for Algebra I and Geometry. Students will study various function families, including linear, quadratic, polynomial, radical, exponential and logarithmic and their key characteristics. Within the context of mathematical modeling and data analysis, students will study probability, experimental design and implementation, and analysis of data. Data will be generated through practical applications arising from science, business, and finance. Graphing calculators will be used to assist in teaching and learning.

Honors Algebra 1- The Algebra 1 Honors course is designed to provide students with an in-depth level of instruction, at an accelerated pace, in a cooperative learning environment. The course guides students in the development of critical thinking skills and algebraic problem-solving skills which provide the foundation for real world problem-solving. It is targeted to highly motivated students who have passed the placement test. Coursework concentrates on foundations for functions, linear functions, and quadratic and other nonlinear functions. Students will be required to use the graphing calculator in a hands-on, project-based learning environment.

Honors Geometry- The Geometry Honors course is designed to help students use analytical and spatial reasoning to solve more complex problems. Previous knowledge of two-dimensional figures will be applied to three-dimensional figures in real-world context to deepen their understanding of shape relationships. Students will extend their understanding about linear functions and coordinate graphing to coordinate geometry. Students will develop postulates, and theorems, as well as, deductive reasoning skills that can be applied to higher-level mathematical and real-world problems. Coursework concentrates on measurements, deductive reasoning through proofs, coordinate geometry, and constructions.

Honors Algebra 2- The Algebra 2 Honors course is designed for students who are highly motivated in mathematics and have completed Honors Algebra 1 and Honors Geometry successfully. Coursework concentrates on the characteristics and graphs of function families using a transformational approach; graphing in space; solving polynomial, radical, exponential, logarithmic and rational equations; and sequences. Problem solving and application to real world problems are integrated throughout the course. Graphing calculator is required.

Trigonometry- Trigonometry is a semester course that extends the study of right triangles discussed in Geometry. We will study trigonometric definitions, applications, graphing and solving trigonometric equations and inequalities. Emphasis will be placed on making connections between right triangle ratios, trigonometric functions, and circular functions. Applications and modeling will be included throughout the course. Graphing calculator required.

Introduction to Statistics- Statistics is a one semester course designed to introduce and give students a basic understanding to the field of applied statistics. Topics include measures of central tendency, standard deviation, combinations and permutations, probability, sampling and various distributions. It relies extensively on real-world situations, critical analysis and interpretation of graphs and data. Students will be expected to analyze and write detailed descriptions and interpretations about graphs, data, and procedures. Students will need access to a graphing calculator and computer with Excel.

Pre-Calculus- Pre-Calculus is an in-depth course for the accelerated math student that pulls together the previous study of algebra, geometry, and mathematical functions. The course focuses on mastery of critical skills and application of concepts learned. Topics include fundamental concepts of Algebra, functions and graphs with a transformational approach to graphing, polynomials and rational functions, exponential and logarithmic functions, systems of equations and inequalities, matrices and determinants, conic sections and analytic geometry, sequences, and an introduction to Calculus. Graphing calculator is required.

Calculus- Calculus is a senior level course for the advanced math student. This course will further strengthen the students' knowledge and understanding of functions while introducing the student to the process of differentiation and integration. Concepts include limits and continuity, derivatives, definite integrals, exponential and logarithmic functions, trigonometric functions, and techniques of integration. Emphasis is placed on the exploration of real-world calculus applications

Occupation/Registered Apprenticeship

The Virginia Registered Apprenticeship (RA) is a “training system that produces highly skilled workers to meet the demands of employers competing in a global economy, through a combination of on-the-job training and theoretical classroom instruction.”

(rcps.org)

Students in this program will earn real work experience and be eligible for payment. Students who complete this program will earn a Certificate of Completion and Journey worker card.

This program requires the following:

- Students that are 16 and older can see if they qualify
- Commitment to programs that require 2000-10,000 apprenticeship hours (can extend past the end of high school education) – 2-4 years is the average length of commitment.
- 144 of related occupation instructional hours per 2000 hours of apprenticeship
 - o Roughly 6 hours per week of education
- Interest in working professionally in a trade skill
 - o Examples (not limited to): Electrician, Pipe Fitter Construction, Maintenance Mechanic, Cosmetologist/Barber, HVAC, Plumber, Machinist, Culinary, Cyber Security, Aviation Ordnance man, Optician (Dispensing II), Welder, Administration, Land Surveyor, Auto Cad, and more.

Important Notes:

When under 18, labor laws will restrict certain types of work, such as working with hoists. However, after 18, the decision to engage in work limited to minors will be at the decision of the apprentice. Some programs may require this type of work for apprentices 18 and older.

Whether you are a student apprentice or an adult apprentice, you will be paid at least minimum wage. However, you are considered an employee and will be subject to background checking, drug checks, hiring/firing, and such.

If you are interested in this program, see the Student Success Advocate, Tessa Laffoon, for more information and to enroll.

Personal Finance/Economics

Teacher: Mrs. St. Clair

Credits Required for Graduation: 1

Course Type: Required

Curriculum used: Foundations

Format: In Person

Location: KCA, Room: H26

Prerequisites: Students must be in the 11th or 12th grade to take this course.

Course Description: This course will support students in understanding budgeting, saving, spending, planning for purchases, and making wise choices with money. Discussions regarding investing, planning for the future through various insurances, and making wise economic decisions will be central to this course.

Science

Teacher: Mrs. Oakes

Credits Required for Graduation: 3 (4 for Advanced Diploma)

Course Type: Required

Curriculum used:

Format: In-Person

Location: KCA, Room: H22

Prerequisites:

Earth Science: None (at KCA, Earth Science is typically studied in the 8th grade)

Biology: Earth Science

Biology- Anatomy and Physiology: Biology

Chemistry: Biology

Physics: Biology and Chemistry

Course Description:

Earth Science: This course undertakes the study of maps, earthquakes, volcanoes, rocks, minerals, fossils, erosion, oceans and seas, atmosphere, weather, and space.

Biology: This course will study the fundamentals of science, matter, molecules, acids/bases, the basic structure of the cell, genetics, classification of organisms/Kingdoms, plant study, and human anatomy. This course will include labs.

Biology - Anatomy and Physiology: This course will take a deeper look at the human body and its cells, skeletal system, nervous system, circulatory system, respiratory system, digestive system, muscular system, integumentary system, lymphatic system, urinary system, endocrine system, and reproductive system. This course will also include a dissection lab.

Chemistry: Chemistry will include a study of the introduction to chemistry, scientific notations, the metric system, scientific data representation, matter/density, the study of the atom, compounds, ions, ionic and covalent bonds, organic matter, chemical reactions, chemical equations, important laws in Chemistry, electronic structure of atoms, the periodic table, chemical bonds, gases and kinetic molecular theory, states of matter, acids/bases,

Important note regarding Physical Science: The state of Virginia does not offer a high school credit for Physical Science courses taken in the 9-12th grade.

World Language

Teacher: Mrs. Dayton

Language: Spanish

Credits Required for Graduation: 2 (3 for Advanced Diploma)

Course Type: Required

Curriculum used: TBA

Format: In-Person

Location: KCA, Room: H25

Prerequisites:

Spanish I: None

Spanish II: Spanish I

Spanish III: Spanish II

Course Description:

Spanish I: This course will study the basic structure of the Spanish language and begin to build an understanding of simple words/phrases/sentences. Spanish culture will be studied.

Spanish II: This course will support students towards writing and speaking more conversationally in the Spanish language. This course will review verb conjugations and the functions of the Spanish language.

Spanish III: This course will require an extensive understanding of the fundamentals of the Spanish language. Students will be expected to have an understanding of basic words in Spanish, sentence compositions, verb conjugations, and be able to complete reports in Spanish.

Student Activities

All student activities, including sports, clubs, honors programs, and extracurricular activities, follow the mission of KCA: to achieve excellence with a Kingdom-minded purpose. KCA strives for excellence in student activities in all aspects-Spiritual, academic, social, and personal development.

Student Activities strive to meet the educational philosophy of KCA through building students Spiritually, mentally, physically, socially, and emotionally. KCA Student Activities are guided by the principals, practice, and philosophies of the school and will be overseen/approved by the KCA administration.

Staff:

Student Activity Staff are those with training/experience relevant to the activity they are promoting/supporting students in.

Student Activity Options:

Elementary School:

Proverbs 27 Mentoring (4th-HS)
Titus Honors Program
Volleyball (5th-HS)

Junior High School:

Basketball
Cross Country
Media/Journalism
Proverbs 27 Mentoring
Titus Honors Program
Volleyball
Worship Team

High School:

Proverbs 27 Mentoring
Baseball (Coming soon)
Basketball
Cross Country
Media/Journalism
Soccer
Volleyball
Worship Team