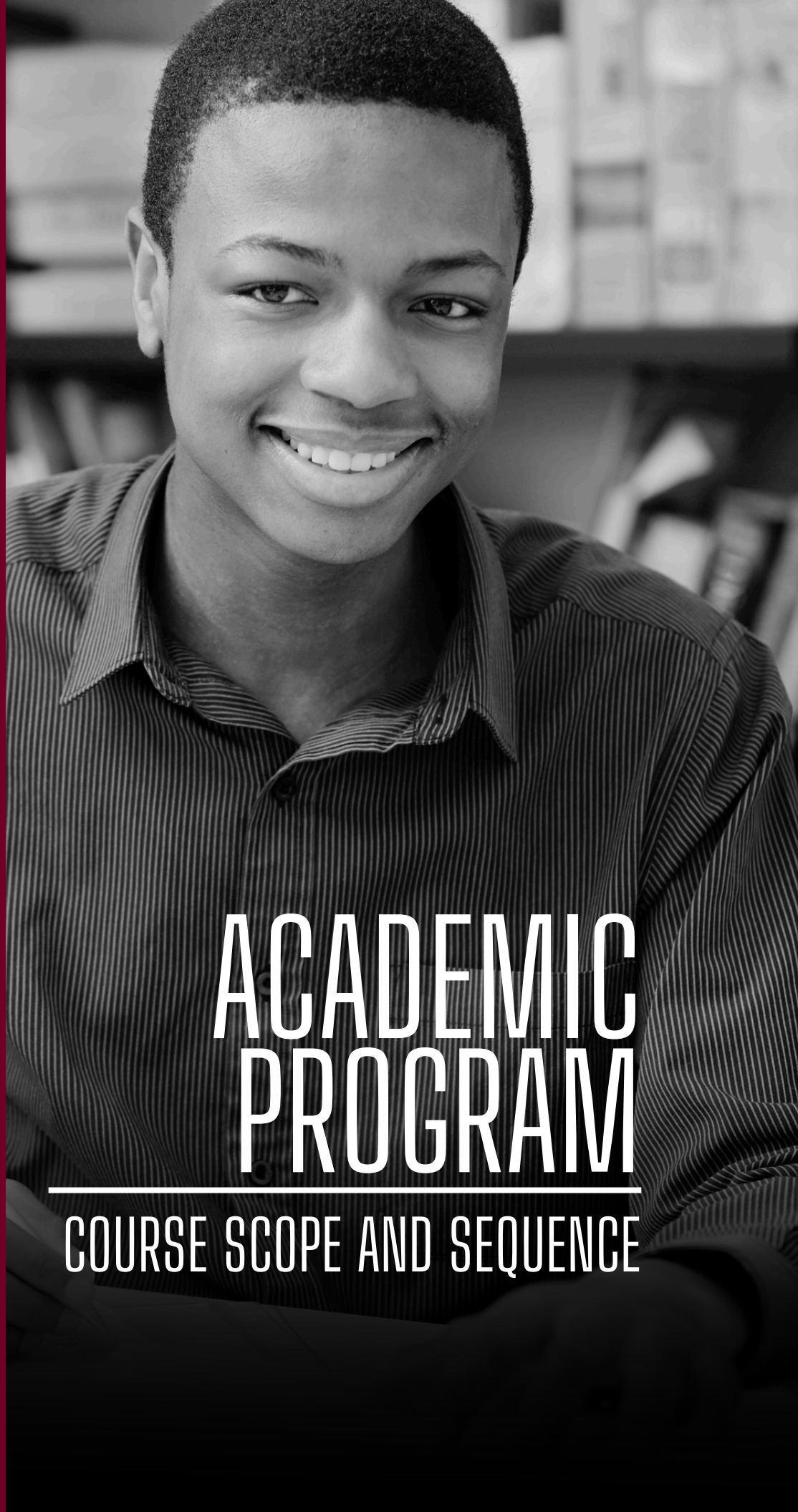




YOUTHBUILD
PREPARATORY ACADEMY



ACADEMIC PROGRAM

COURSE SCOPE AND SEQUENCE

Year1/2

All students receive the core curriculum outlined above. In Year 2 of enrollment, students continue their core academic studies, and take seminar classes in one of three career-focused Academies. These sophomore Academy seminar courses involve cross-curricular projects designed to support student exploration and learning about their career area of choice. Below, we provide the course sequence for first- and second-year students:

Subject Discipline	Course Name & Description	Core	Special	Elective	Alternative	College or Other
Apprentice I						
Algebra I/Geometry	Course explores topics in both algebra 1 and geometry. The goal of the class is to close skill gaps and provide a foundation for the higher-level math skills needed to succeed in the upper grades.					
English I	Skill gaps in literacy and writing are identified and addressed using fiction and nonfiction texts. Students are exposed to various forms of writing including: journals, blogs, and essays. Students will also be required to engage in one-on-one discussion, group activities, and presentations to begin developing speaking and listening skills					
Biology	Students are exposed to the scientific method using biology as the theme. The course focuses on those critical thinking and technical writing skills needed for later coursework.					
Social Studies	Course topics include world and US history, and geography. Coursework provides practice in reading and understanding primary and secondary source documents including the principles of research.					
Foreign Language	Language(s) Spanish, French and Mandarin. This course provides an introduction to language and culture.					
Physical Education/Health	The students will gain a better understanding of games and various sports. They will become more knowledgeable of the strategies and the rules of the games. Students will also gain a thorough understanding of teamwork and how the concept leads to success. Individual skills, physical strengths, fine/gross motor coordination will be recorded and tracked throughout their high school years.					
Freshman Seminar	Topics in the seminar include: study skills, time management, responsible use of technology, and organizational skills. Scholars also take workshops					

Subject Discipline	Course Name & Description	Core	Special	Elective	Alternative	College or Other
	in personal development and etiquette. In addition, since many students have an unhealthy fear of math, we offer an interdisciplinary, mission-driven math seminar (mathematics and humanities). Lastly, students are required to complete 25 hours of service learning.					
Arts	Art and music classes will look at the historical, social, and cultural context of art and music to build the foundational skills for understanding and appreciating all forms of art.					
Apprentice II						
Geometry/Algebra II	Includes geometry and algebra 2 content.					
English II	Reading strategies and skills are introduced using nonfictional and fictional texts. The course goal is to prepare students for college-level reading. Students also are introduced to writing skills and techniques needed for college and career.					
Chemistry/Physics	Course topics include: matter, energy, and motion topics. The skills addressed include: using the scientific method for inquiry, using formulas to solve problems, balancing equations, real-world applications of scientific theories.					
History/Social Studies	Students will have the option of exploring topics in African, Latino/Hispanic, and/or Asian Studies. Students will explore the role these groups have played in seminal historical events, like WWI and WWII, Slavery and Slave Trade, the Global Economy, and the building and development of the United States. This course also reinforces the literacy skills covered in English 2.					
Foreign Language	Language(s): Spanish, French and Mandarin. This course is designed to build on and strengthen skills from Apprentice I class.					
Physical Education/Health	The student continue to build a better understanding of games and sports. Scholars are introduced to less popular sports and activities. They gain an understanding of the importance and benefits of physical activity, and come to understand the benefits of teamwork, mental toughness and cooperation. During the spring students select two outdoor activities or sports.					

Subject Discipline	Course Name & Description	Core	Special	Elective	Alternative	College or Other
Arts	Building on their first year experiences, students will begin to explore various mediums in art and music. Topics will include: 2-D and 3-D Drawing, Music Theory, Ceramics, and Painting.					
Sophomore Workshop Series	Sophomore seminars include defining healthy relationships, leadership development, and financial literacy and communication skills (scholars have a choice of urban debate or toastmasters). In addition, students take mandatory seminars in (social exclusion and inclusion which examine gender relations and inequalities) and other (the study of race, cultural and politics). Year 2 scholars also are required to complete 100 hours of service learning.					

YBPA

When a student enters into Apprentice III status of enrollment, students chose to enroll in one of three Academies. Each Academy is designed to accelerate learning, and ready students for postsecondary education, career and active participation in a 21st century global economy. As discussed earlier in this document (see Mission Statement), the following Academies are available for YBPA student enrollment.

All Academy coursework is designed to provide students the opportunity to explore strategies for how best to improve the well-being of the greater YBPA community. Course content is aligned to the CCSS and other state-mandated content and skills requirements. Academy teaching and learning involves real-world focused projects designed to provide students with the subject matter knowledge, skills and course credit needed for graduation. Course content also includes exposure to common career and workplace issues. Most YBPA Academies include a dual-enrollment component with our partner institution, CCRI, and in some cases self-paced web-based learning providing scholars the opportunity to earn both high school and college credits.

Community Development Academy Narrative

Community Development Academy: Involves two components: construction and nonprofit administration and leadership. The construction program coursework includes Common Core-aligned mathematics (i.e., basic math concepts, algebra and geometry), safety, construction technology, carpentry, masonry, electrical, etc. Coursework also includes practical applications (i.e., client description and site planning, intro to design project, etc.) and on-the-job training (i.e., constructing and rehabbing homes). Students graduate from the Construction Academy with industry-recognized certifications including those awarded by HBI's Pre-Apprenticeship Certificate Training and the Occupational Safety and Health Administration Certification (OSHA-10). Lastly, all Community Development Academy students must successfully complete a Senior Design Project to demonstrate mastery of core academic and sustainable design elements. The nonprofit administration and leadership program focuses student learning on leadership development and capacity building for small, local nonprofits. Coursework includes: leadership development and structures; economics, finance and accounting; governance; and social reform, innovation and entrepreneurship. Practical experience includes internships, nonprofit creation and service learning projects. **Our higher education partner, CCRI, does not currently**

offer a certificate program in nonprofit administration and leadership; however, we have been in discussion with Roger Williams University and College UnBound in the development of one. Our founders have begun conversations with local nonprofit leaders to explore possible course and experiential offerings for students interested in this course of study. We anticipate course topics will include: fundraising, community organizing, leadership development and grant writing. We also are exploring the possibility of a certificate program with CCRI. For specific Community Development Academy course offerings by grade level see the table below:

Subject Discipline	Course Name & Description	Core	Special	Elective	Alternative	College or Other
Apprentice III						
Algebra II/Pre-Calculus	Topics in algebra 2 and pre-calculus such as: interpreting and building functions, linear, quadratic, and exponential models, and trigonometry are addressed. Coursework includes project-based learning aligned to the construction and non-profit management industries.					
English III	Students will engage in non-fiction and fiction texts in American, British, and global literature to include: novels, short stories, poetry, and informational texts. Coursework includes project-based learning aligned to the construction and non-profit management industries, and readings will be connected to this career focus. Through group work and presentations, students will strengthen and build upon their speaking and listening skills from Apprentice II.					
Honor or AP Chemistry, Physics and/or Earth Science.	The purpose of this course is to prepare students for the AP exam. Coursework includes: energy, motion and matter. Honors students engage in similar coursework. Both classes build upon the content and skills presented in the Apprentice II chemistry and physics courses. Students who are not interested in AP/Honors courses will take Earth Science. Topics for this class include: the materials that make up the earth, the solar system, and galaxies and universes. Students will build on the skills from grades 9 and 10 in: the scientific method, scientific inquiry, and using science to investigate and solve real-world problems.					
Foreign Language	Language(s): Spanish, French and Mandarin. This course is designed to build on and strengthen skills from the Apprentice II class or students can choose to take the first year of a new language.					

Subject Discipline	Course Name & Description	Core	Special	Elective	Alternative	College or Other
Physical Education/Health	The Students will use their junior and senior year to understand physical exercise. The students will have an opportunity to focus on sports that are mentally and physically challenging. Students will spend a semester or two focusing on sports such as fencing, swimming, chess, weightlifting, or running.	■				
Required Academy Courses and Workshops	Depending on the selected program within this Academy, required courses may include: <ul style="list-style-type: none"> • Introduction to Project Design • Site and Community Dynamics • Possible Non-Profit Electives: <ul style="list-style-type: none"> • Economics of Social Reform • Building Capacity in Small Nonprofits • Workshop topics include fundraising, community organizing, leadership skills, small grant writing 			■		
Service Learning	Students enrolled in the construction program rehab community homes in partnership with a local housing authority. Students enrolled in the nonprofit leadership program also complete service learning projects within community-based organizations. Students are required to complete 250 hours to satisfy these requirements.		■			
Master						
Pre-Calculus/Calculus	Coursework includes: polar and rectangular coordinates, imaginary numbers, complex numbers, vectors and matrices. Students also engage in projects developed and aligned to the construction and nonprofit management sectors.	■				
English IV	Students will engage in non-fiction and fiction texts in American, British, and global literature to include: novels, short stories, poetry, and informational texts. Coursework includes project-based learning aligned to the construction and nonprofit management industries, and readings will be connected to this career focus. Students will complete presentations and other group work to develop the speaking and listening skills needed for success in PSE and career.	■				

Subject Discipline	Course Name & Description	Core	Special	Elective	Alternative	College or Other
Honors or AP Chemistry or Physics	The purpose of this course is to prepare students for the AP exam. Coursework includes: energy, motion and matter. Honors students engage in similar coursework. Both classes build upon the content and skills presented in the Apprentice II chemistry and physics courses. This class will be offered as an elective course to students who wish to take a fourth science class.					
Foreign Language	Language(s): Spanish, French and Mandarin. This course is designed to build on and strengthen skills from Apprentice III class or build on and strengthen skills from the first year of a new language.					
Physical Education/Health	Students will spend a semester focusing on sports such as fencing, swimming, chess, weightlifting, or running.					
Required Academy Courses and Workshops	Students are required to do an externship along with their academy requirements.					
Service Learning	Students enrolled in the construction program will expand on their skills by continuing to rehab community homes in partnership with a local housing authority. Students enrolled in the nonprofit leadership program also complete service learning projects within community-based organizations, taking on more responsibility than in Apprentice III projects. Students are required to complete 450 hours. This is possible because students earn 10% of these hours for being in class, on-site, and for the total time they have spent in the Academy.					
Dual-Enrollment Credits	Students in the nonprofit administration and leadership track will take classes that will earn them college course credit. Possible course topics are: fundraising, community organizing, leadership development and grant writing.					

Academy for Human Services

The Academy for Human Services exposes students to various types of human service professions including: counseling, coaching, therapies, youth development, social justice and community organizing. In addition, Human Services Academy students are dual-enrolled at CCRI in the social services certificate program where they take introductory courses in: helping and human services; drugs and human behavior; service learning; and assessment interviewing for treatment

planning and therapeutic interventions 1: working with individuals. Students also obtain practical experience via sector internships with agencies focused on youth development, the elderly and community organizing.

Students enrolled in the Academy for Human Services are required to take some combination of the following courses:

Subject Discipline	Course Name & Description	Core	Special	Elective	Alternative	College or Other
Apprentice III						
Algebra II/Pre-Calculus	Topics in Algebra II and Pre-Calculus will be addressed connected to projects developed and aligned to the human service industry. Statistical skills and data-driven decision making will also be introduced.					
English III	Students will engage in non-fiction and fiction texts in American, British, and global literature to include: novels, short stories, poetry, and informational texts. Coursework includes project-based learning aligned to the human services field, and readings will be connected to this career focus. Through group work and presentations, students will strengthen and build upon their speaking and listening skills from Apprentice II.					
Honor or AP Chemistry and/or Physics	The purpose of this course is to prepare students for the AP exam. Coursework includes: energy, motion and matter. Honors students engage in similar coursework. Both classes build upon the content and skills presented in the Apprentice II chemistry and physics courses. Students who are not interested in AP/Honors courses will take Earth Science. Topics for this class include: the materials that make up the earth, the solar system, and galaxies and universes. Students will build on the skills from grades 9 and 10 in: the scientific method, scientific inquiry, and using science to investigate and solve real-world problems.					
Foreign Language	Language(s): Spanish, French and Mandarin. This course is designed to build on and strengthen skills from Apprentice II class or students can choose to take the first year of a new language.					
Physical Education/Health	The Students will use their junior and senior year to understand physical exercise. The students will have an opportunity to focus on sports that are mentally and physically challenging. Students will spend a semester or two focusing on sports such as					

Subject Discipline	Course Name & Description	Core	Special	Elective	Alternative	College or Other
	fencing, swimming, chess, weightlifting, or running.					
Required Academy Courses and Workshops	Required Academy courses may include: <ul style="list-style-type: none"> • Social Justice • Mental Health Issues • Community Organizing • Workshop topics include interpersonal skills, report writing, and grant writing. 					
Service Learning	Students will engage in volunteer and internship work at schools or community-based organizations focused on human services. Students will be required to complete 250 hours during the year.					
Master						
Pre-Calculus/Calculus	Topics in Pre-Calculus and Calculus will be addressed connected to projects developed and aligned to the human service industry. Students will also engage in statistical analysis techniques.					
English IV	Students will engage in non-fiction and fiction texts in American, British, and global literature to include: novels, short stories, poetry, and informational texts. Coursework includes project-based learning aligned to the human services, and readings will be connected to this career focus. Students will complete presentations and other group work to develop the speaking and listening skills needed for success in PSE and career.					
Honors or AP Chemistry or Physics	The purpose of this course is to prepare students for the AP exam. Coursework includes: energy, motion and matter. Honors students engage in similar coursework. Both classes build upon the content and skills presented in the Apprentice II chemistry and physics courses. This class will be offered as an elective course to students who wish to take a fourth science class.					
Foreign Language	Language(s): Spanish, French and Mandarin. This course is designed to build on and strengthen skills from Apprentice III class or build on and strengthen skills from the first year of a new language.					
Physical Education/Health	Students will spend a semester focusing on sports such as fencing, swimming, chess, weightlifting, or running.					

Subject Discipline	Course Name & Description	Core	Special	Elective	Alternative	College or Other
Required Academy Courses and Workshops	Students are required to do externships along with their academy requirements.					
Service Learning	Students will engage in internship work at schools or community-based organizations focused on human services, increasing their role and responsibilities from their Apprentice III experiences. Students are required to complete 450 hours. This is possible because students earn 10% of these hours for being in class, on-site, and for the total time they have spent in the Academy.					
Dual-Enrollment Courses	Students in the Human Services Academy will take part in the social service certificate program Course work will include: introductory courses in helping and human services, drugs and human behavior, service learning, assessment interviewing for treatment planning and therapeutic interventions 1: working with individuals.					

Academy for Future Teachers

Academy for Future Teachers: A pre-service apprenticeship program designed to provide content knowledge and practical experience in teaching. Scholars learn from and collaborate with K-12 teachers and teacher assistants. The framework for this program is modeled after The Future Teachers Pathway at Georgia State University¹ wherein programming focuses on targeted teaching shortage areas including early childhood and secondary math and science. Students are dual-enrolled in the teacher assistant certificate program at CCRI. Course content includes: roles and responsibilities of the teacher assistant; human development; diversity; special education; basic rights; school health and safety; the instructional process; school laws; computer and technology skills; positive classroom climate; and team-building. Also, students are required to complete three hours of job-shadowing a teacher assistant. For specific course offerings by grade level see the table below:

Subject Discipline	Course Name & Description	Core	Special	Elective	Alternative	College or Other
Apprentice III						
Algebra II/Pre-Calculus	Topics in algebra 2 and pre-calculus such as: interpreting and building functions, linear, quadratic, and exponential models, and trigonometry are addressed. Coursework includes					

¹ Georgia State University College of Education. Retrieved April 2, 2015. <http://education.gsu.edu/aft/>.

Subject Discipline	Course Name & Description	Core	Special	Elective	Alternative	College or Other
	project-based learning aligned to the education field, and STEM more specifically.					
English III	Students will engage in non-fiction and fiction texts in American, British, and global literature to include: novels, short stories, poetry, and informational texts. Coursework includes project-based learning aligned to the education field, and STEM more specifically, and readings will be connected to this career focus. Through group work and presentations, students will strengthen and build upon their speaking and listening skills from Apprentice II.					
Honor or AP Chemistry and/or Physics	The purpose of this course is to prepare students for the AP exam. Coursework includes: energy, motion and matter. Honors students engage in similar coursework. Both classes build upon the content and skills presented in the Apprentice II chemistry and physics courses. Students who are not interested in AP/Honors courses will take Earth Science. Topics for this class include: the materials that make up the earth, the solar system, and galaxies and universes. Students will build on the skills from grades 9 and 10 in: the scientific method, scientific inquiry, and using science to investigate and solve real-world problems.					
Foreign Language	Language(s): Spanish, French and Mandarin. This course is designed to build on and strengthen skills from Apprentice II class or students can choose to take the first year of a new language.					
Physical Education/Health	The Students will use their junior and senior year to understand physical exercise. The students will have an opportunity to focus on sports that are mentally and physically challenging. Students will spend a semester or two focusing on sports such as fencing, swimming, chess, weightlifting, or running.					
Required Academy Courses and Workshops	<p>Required Academy courses may include:</p> <ul style="list-style-type: none"> • Workshop topics include Urban and Multicultural Education • Basic Pedagogy • Professional Practice 					

Subject Discipline	Course Name & Description	Core	Special	Elective	Alternative	College or Other
	<ul style="list-style-type: none"> Relevance of STEM in Everyday Life 					
Service Learning	Students volunteer/intern at local area elementary or middle schools. Scholars also satisfy the certificate program job-shadowing requirements. Lastly, students are required to complete 250 hours during the year					
Master						
Pre-Calculus/Calculus	Coursework includes: polar and rectangular coordinates, imaginary numbers, complex numbers, vectors and matrices. Students also engage in projects developed and aligned to the education field, and STEM more specifically.					
English IV	Students will engage in non-fiction and fiction texts in American, British, and global literature to include: novels, short stories, poetry, and informational texts. Coursework includes project-based learning aligned to the to the education field, and STEM more specifically, and readings will be connected to this career focus. Students will complete presentations and other group work to develop the speaking and listening skills needed for success in PSE and career.					
Honors or AP Chemistry or Physics	The purpose of this course is to prepare students for the AP exam. Coursework includes: energy, motion and matter. Honors students engage in similar coursework. Both classes build upon the content and skills presented in the Apprentice II chemistry and physics courses. This class will be offered as an elective course to students who wish to take a fourth science class.					
Foreign Language	Language(s): Spanish, French and Mandarin. This course is designed to build on and strengthen skills from Apprentice III class or build on and strengthen skills from the first year of a new language.					
Physical Education/Health	Students will spend a semester focusing on sports such as fencing, swimming, chess, weightlifting, or running.					
Required Academy Courses and Workshops	The course work from CCRI include prep work for the ParaPro Assessment: Topics to be addressed include: roles and responsibilities of the teacher assistant; human development; diversity; special					

Subject Discipline	Course Name & Description	Core	Special	Elective	Alternative	College or Other
	education; basic rights; school health and safety; the instructional process; school laws; computer and technology skills; positive classroom climate; and team-building. Students also will be required to complete three hours of job shadowing a TA.					
Service Learning	Students in this academy will be assigned to one of the partnered middle schools to participate in the New Beginnings Academy mentoring program conducting tutoring, mentoring and organized stem related activities.					