

University View Academy

2019-2020 High School Course Catalog



Mission of University View Academy

Understanding, engaging, and empowering each unique student for college and beyond: this is University View Academy's mission. University View Academy is dedicated to providing a flexible and innovative learning environment that accommodates the needs of all learners.

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Credits Required for Progression:

Sophomore.....	5 credits
Junior.....	11 credits
Senior.....	17 credits
Graduate.....	23 credits for JumpStart 24 credits for TOPS

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TOPS Core Curriculum

For the Opportunity, Performance and Honors Awards
For High School graduates of 2018 and thereafter

Units	Courses ¹
ENGLISH = 4 Units	
1 Unit	English I
1 Unit	English II
1 Unit from the following:	English III, AP English Language Arts and Composition, or IB English III (Language A or Literature and Performance)
1 Unit from the following:	English IV, AP English Literature and Composition, or IB English IV (Language A or Literature and Performance)
MATH = 4 Units	
1 Unit	Algebra I
1 Unit	Geometry
1 Unit	Algebra II
	Integrated Mathematics I, Integrated Mathematics II, and Integrated Mathematics III may be substituted for the Algebra I, Geometry, and Algebra II sequence
1 Unit from the following:	Algebra III; Advanced Math - Functions and Statistics, Advanced Math - Pre-Calculus, Pre-Calculus, or IB Math Methods I (Mathematical Studies SL); Calculus, AP Calculus AB, or IB Math Methods II (Mathematics SL); AP Calculus BC; Probability and Statistics or AP Statistics; IB Further Mathematics HL; IB Mathematics HL; AP Computer Science A
SCIENCE = 4 Units	
1 Unit	Biology I
1 Unit	Chemistry I
2 Units from the following:	Earth Science; Environmental Science; Physical Science; Agriscience I and Agriscience II (one unit combined); Chemistry II or AP Chemistry or IB Chemistry II; AP Environmental Science or IB Environmental Systems; Physics I, AP Physics I, AP Physics B, or IB Physics I; AP Physics C: Electricity and Magnetism, AP Physics C: Mechanics, or IB Physics II, or AP Physics II; Biology II or AP Biology or IB Biology II or Human Anatomy and Physiology
SOCIAL STUDIES = 4 Units	
1 Unit from the following:	U.S. History, AP U.S. History, or IB U.S. History
1 Unit from the following:	Civics, Government, AP U.S. Government and Politics: Comparative, or AP U.S. Government and Politics: United States
2 Units from the following:	Western Civilization, European History, or AP European History; World Geography, AP Human Geography, or IB Geography; World History, AP World History, or IB World History; History of Religion; IB Economics, Economics, AP Macroeconomics, AP Microeconomics or AP Psychology
FOREIGN LANGUAGE = 2 Units	
	Foreign Language, both units in the same language, which may also include the following AP and IB courses: AP Chinese Language and Culture, AP French Language and Culture, AP German Language and Culture, AP Italian Language and Culture, AP Japanese Language and Culture, AP Latin, AP Spanish Language and Culture, IB French IV, IB French V, IB Spanish IV, IB Spanish V, Mandarin Chinese I-IV, Hindi I – IV, Portuguese I-IV, Vietnamese I-IV
ART = 1 Unit	
1 Unit from the following:	Performance course in Music, Dance or Theatre; Fine Arts Survey; Art I, II, III, and IV; Talented Art I, II, III, and IV; Talented Music I, II, III and IV; Talented Theater Arts I, II, III, and IV; Speech III and Speech IV (one unit combined); AP Art History; AP Studio Art: 2-D Design; AP Studio Art: 3-D Design; AP Studio Art: Drawing; AP Music Theory; IB Film Study I; IB Film Study II; IB Music I; IB Music II; IB Art Design III; IB Art Design IV; IB Theatre I, Drafting, Media Arts I - IV; Photography I, Photography II, or Digital Photography
TOTAL = 19 Units	
Please see reverse side for core (substitute) equivalents to the TOPS Core Curriculum	

Core Curriculum Course(s)	Recently Approved Equivalent (Substitute) Course(s)
Art	Digital Image & Motion Graphics, Digital Storytelling, Engineering Design & Development, Sound Design
Environmental Science	Environmental Awareness
World Geography	Physical Geography
Probability & Statistics	Statistical Reasoning
Physical Science	Principles of Engineering

¹ **GIFTED COURSES:** Any core curriculum course that is taken by a student who has been identified as gifted pursuant to State Board of Elementary and Secondary Education (BESE) policy and that is taken in fulfillment of the student's Individualized Education Plan shall be considered a "Gifted Course" and shall fulfill the core curriculum.

Beginning with students entering the 9th grade in 2014-2015 and graduating in the 2017-2018 school year and thereafter, the calculation of the TOPS Core Curriculum grade point average (GPA) will use a five- (5.00) point scale for grades earned in certain designated Advanced Placement (AP) courses; International Baccalaureate (IB) courses; Gifted courses; Dual Enrollment courses, Honors courses and Articulated courses offered for college credit by the Louisiana School for the Math, Science and the Arts used to complete the TOPS Core Curriculum. The courses currently designated to be calculated on the 5.00 point scale can be viewed at <https://www.osfa.la.gov/5scale>. For the designated courses, five quality points will be assigned to a letter grade of "A", four quality points will be assigned to a letter grade of "B", three quality points will be assigned to a letter grade of "C", two quality points will be assigned to a letter grade of "D", and zero quality points will be assigned to a letter grade of "F". Note that students earning credit in courses graded on the five (5.00) point scale may earn a grade point average on the TOPS Core Curriculum that exceeds 4.00.



This core curriculum is accurate as of the date of publication and includes courses listed in TOPS statute.

Louisiana Office of Student Financial Assistance (LOSFA)
A program of the Board of Regents
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Updated: 02/06/2019



TOPS Tech Core Curriculum

For the TOPS Tech Award – JumpStart Curriculum

For High School graduates of 2018 and thereafter

Students may also qualify for the TOPS Tech Award by completing the TOPS Core Curriculum for the Opportunity, Performance and Honors Awards

Units	Courses
1 Unit	English I
1 Unit	English II
2 Units	English III, English IV, AP or IB English courses, Business English, Technical Writing, or comparable Louisiana Technical College courses offered by Jump Start regional teams as approved by the State Board of Elementary and Secondary Education.
1 Unit	Algebra I; or both Algebra I, Part 1 and Algebra I, Part 2; or an applied or hybrid algebra course
3 Units	Geometry, Algebra II, Math Essentials, Financial Literacy, Business Math, Algebra III, Advanced Math -Functions and Statistics, Advanced Math - Pre-Calculus, Pre-calculus, or comparable Louisiana Technical College courses offered by Jump Start regional teams as approved by the State Board of Elementary and Secondary Education. Integrated Mathematics I, II, and III may be substituted for Algebra I, Geometry, and Algebra II, and shall equal three mathematics credits
1 Unit	Biology
1 Unit	Chemistry I, Earth Science, Environmental Science, Agriscience I and Agriscience II (both for one unit), Physical Science, Physics, or AP or IB science courses
1 Unit	U.S. History, AP U.S. History, or IB U.S. History
1 Unit	Civics, Government, AP U.S. Government and Politics: Comparative, or AP U.S. Government and Politics: United States
9 Units	In Jump Start course sequences, workplace experiences, and credentials. A student shall complete a regionally designed series of Career and Technical Education Jump Start coursework and workplace-based learning experiences leading to a statewide or regional Jump Start credential. This shall include courses and workplace experiences specific to the credential, courses related to foundational career skills requirements in Jump Start, and other courses, including career electives, that the Jump Start regional team determines are appropriate for the career major.
TOTAL: 21 units	



This core curriculum is accurate as of the date of publication and includes courses listed in TOPS statute and those determined to be equivalent by the La. Board of Regents and BESE.

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P.O. Box 91202, Baton Rouge, LA 70821-9202 Updated: 10/01/2018



This form is intended to be used as a tool in selecting your courses for the next school year. Final responsibility for course selections meeting diploma and TOPS requirements rests on the student and parent/legal guardian. Students earning a TOPS University Diploma may not necessarily earn the TOPS Opportunity Scholarship. TOPS core GPA and ACT score are factored into eligibility. JumpStart students are eligible for TOPS TECH on this diploma pathway, but must meet the TOPS core GPA and ACT or ACT WorkKeys requirements.

TOPS University Diploma Requirements

English-4 Units

- ☐ English I
- ☐ English II
- ☐ English III
- ☐ English IV

Math-4 Units

- ☐ Algebra I
- ☐ Geometry
- ☐ Algebra II
- ☐ 4th Math chosen from:
 - Advanced Math
 - Statistics
 - Dual Enrollment Math

Science-4 Units

- ☐ Biology
- ☐ Chemistry
- ☐ 3rd science
- ☐ 4th science
 - 3rd & 4th science chosen from:
 - Earth Science
 - Environmental Science
 - Physical Science
 - Physics
 - DE Science

Social Studies-4 Units

- ☐ Civics
- ☐ US History
- ☐ 3rd Social Studies
- ☐ 4th Social Studies
 - 3rd & 4th Social Studies chosen from:
 - World Geography
 - Human Geography AP
 - World History

PE & Health-2 Units

- ☐ PE 1.5 units
- ☐ Health .5 unit

Art-1 Unit

- ☐ Music Theory, Exploring the Arts, Talented Art, Fine Art Survey. Digital Storytelling

Foreign Language-2 units of same language

- ☐ Spanish I, French I, or ASL I
- ☐ Spanish II, French II, or ASL II

Electives-3 Units

- 1. _____
- 2. _____
- 3. _____

Total=24 Units

TOPS Tech (Jump Start) Diploma Requirements

English-4 Units

- ☐ English I
- ☐ English II
- ☐ English III or Business English
- ☐ English IV or Technical Writing

Math-4 Units

- ☐ Algebra I
- ☐ Geometry or Business Math
- ☐ Algebra II or Math Essentials
- ☐ Advanced Math or Financial Literacy

Science-2 Units

- ☐ Biology
- ☐ 1 unit from the following:
 - Earth Science
 - Environmental Science
 - Physical Science
 - Chemistry

Social Studies-2 Units

- ☐ Civics
- ☐ US History

PE & Health-2 Units

- ☐ PE 1.5 units
- ☐ Health .5 unit

Jump Start Electives-9 Units

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____

Credentials-3 are required

- 1. _____
- 2. _____
- 3. _____

Total=23 Units

***Students on the TOPS TECH (JumpStart) pathway can not go directly to a 4-year college/university. These students must attend a technical/trade school or junior college and transfer to a 4-year college/university after earning an associate degree.

Explore/Discover Your Career Personality

Students are required to complete one career course prior to graduation. In a career course, students take career interest surveys, explore career clusters, discover different careers and college types. As students grow and mature, their interests may also change. It is encouraged that students take a self-assessment career interest survey annually. Students may access a free career interest survey on the University View Academy website, found under the high school Counselors Corner site, titled "Louisiana Career Planning Guide".

GRADUATION REQUIREMENTS

In addition to meeting the course requirements determined by the student's chosen diploma pathway, outlined on the prior page, students must all meet the following requirements to be eligible for graduation as identified by the Louisiana Department of Education.

1. A TOPS consent form must be on file for the student.
2. Students must have an ACT score on file.
3. Students must complete the FAFSA or FAFSA waiver during their Senior year.
4. Students are required to pass at least one LEAP 2025 exam in EACH category listed below.

Category	LEAP 2025 Subjects	Passing Score
1	English I or English II	Approaching Basic or Higher
2	Algebra I or Geometry	Approaching Basic or Higher
3	Biology I or US History	Approaching Basic or Higher

5. Jump Start students must earn the required credentials.

JumpStart Pathways Offered at University View Academy

University View Academy's vision is to assist students pursuing this diploma type by offering statewide pathways. Statewide pathways lead to certifications directly correlated with high-wage, high-demand fields.

UVA focuses on the following 3 statewide/integrated pathways:

Pathway	Credential(s)
Information Technology	Basic: Operation Spark Fundamentals of JavaScript, Functional Programming and Web Development, Level I
	Advanced: Operation Spark Fundamentals of JavaScript, Functional Programming and Web Development, Level II
MicroEnterprise	BRAC Statewide MicroEnterprise Credential
Digital Media	Basic: Adobe Certified Associate
	Advanced: Adobe Certified Expert

UVA is open to working with students not intending to pursue these pathways. If students wish to pursue pathways outside of the three listed above, they will need to receive approval from the school and work closely to enroll in an approved partner program or community and technical college that will lead to earning and Industry Based Credential that will count towards meeting the graduation requirements.

There are several universal JumpStart electives students can choose from to meet the elective requirement. A universal elective is one that can be applied to all pathways. They are listed below:

Quest for Success	Entrepreneurship I	JAG III	ASL I
Basic Career Readiness	Entrepreneurship II	JAG IV	ASL II
Advanced Career Readiness	Speech	Keyboarding	IBCA
Customer Service	Business Math (cannot be used both as an elective & math credit)		

NCAA Eligibility Requirements

Prospective College Athletes must submit their ACT scores and register with NCAA Clearinghouse during their Junior year.

Division I: If you enroll in a Division I college and want to participate in athletics/receive an athletic scholarship during your first year you must:

- Graduate High School
- Earn a core course GPA of 2.3+
- Complete 16 core courses:
 - 4 years of English
 - 3 years of Math (Algebra I or higher)
 - 2 years of natural/physical science
 - 1 additional year of English, Math, or natural/physical science
 - 2 years of Social Studies
 - 4 additional years of English, Math, natural/physical science, social studies, foreign language, comparative religion or philosophy
- Complete 10 of the core courses by the end of your junior year (before the start of your 7th semester). Seven of the 10 core courses need to be in English, Math or natural/physical science. The grades in these seven courses will be “locked in”, meaning you will not be allowed to retake them to improve your grades.
- Earn an SAT combined score or ACT sum score matching your core-course GPA on the Division I sliding scale, which balances your test score and core-course GPA. If you have a low test score, you need a higher core-course GPA to be eligible.
- Receive final certification on your amateurism status via the NCAA Eligibility Center.

Division II: If you enroll in a Division II college and want to participate in athletics/receive an athletic scholarship during your first year you must:

- Graduate High School
- Earn a core course GPA of 2.2+
- Complete 16 core courses:
 - 3 years of English
 - 2 years of Math (Algebra I or higher)
 - 2 years of natural/physical science
 - 3 additional years of English, Math, or natural/physical science
 - 2 years of Social Studies
 - 4 additional years of English, Math, natural/physical science, social studies, foreign language, comparative religion or philosophy
- Earn an SAT combined score or ACT sum score matching your core-course GPA on the Division II sliding scale, which balances your test score and core-course GPA. If you have a low test score, you need a higher core-course GPA to be eligible.
- Receive final certification on your amateurism status via the NCAA Eligibility Center.

Division III: Division III schools do not use the NCAA Initial-Eligibility Clearinghouse. They are responsible for setting their own academic eligibility rules. If you are going to be completing for a DIII institution, there is no reason to register with NCAA, as they will not be reviewing your academic eligibility. If you are unsure what division level you will be completing at, start with NCAA Profile page and you can transition to a Certification Account at a later time.

Standard, Honors, Dual Enrollment, Advanced Placement Comparison

Standard	Honors
<ul style="list-style-type: none"> • Counts as high school credit • 4 Quality Points • Standard grading scale: <ul style="list-style-type: none"> • A=100-93 • B=92-85 • C=84-75 • D=74-67 • F=66-0 • Covers minimum standards • Allows the student to demonstrate basic knowledge of material 	<ul style="list-style-type: none"> • Counts as high school credit • 5 Quality Points • Standard grading scale • Students are expected to read and write at an advanced level. • More rigorous than the standard course, requiring higher-order thinking, writing, & research skills • Has been shown to improve students' ACT and End-of-Course scores by increasing content knowledge.

Dual Enrollment	Advanced Placement
<ul style="list-style-type: none"> • Counts as high school AND college credit • 5 Quality Points • College-level course • 10 point grading scale <ul style="list-style-type: none"> • A=100-90 • B=90-80 • C=80-70 • D=70-60 • F=60-0 • Has been shown to improve students' ACT and End-of-Course scores by increasing content knowledge. • May have fewer grades per grading period, meaning that content assessments make up the majority of a student's grade. 	<ul style="list-style-type: none"> • Counts as high school credit • 5 Quality Points • Equates to a first-year college-level course • Standard grading scale • Students will take the AP exam at the end of the year, which <u>may enable the student to earn college credit</u> pending score. • Has been shown to improve students' ACT and End-of-Course scores by increasing content knowledge. • The focus is not on memorizing facts and figures; instead, students are expected to engage in intense discussions, solve problems collaboratively, and write clearly and persuasively.

TOPS University Typical Course Progression

9th Grade

Fall	Spring
English I A	English I B
Algebra I A	Algebra I B
Earth Science	PE I
AP Human Geography A/World Geography	AP Human Geography B/Elective
IBCA	Advanced Career Readiness

10th Grade

Fall	Spring
English II A	English II B
Geometry A	Geometry B
Biology A	Biology B
Civics	PE II/Health
ACT Prep	Foreign Language I

11th Grade

Fall	Spring
English III	Art Elective
Algebra II	Chemistry
US History A	US History B
Foreign Language II	Elective

12th Grade

Fall	Spring
English IV DE Comp I	DE Comp II
College Algebra	College Trigonometry
World History	4th Science
Elective	Elective

TOPS Tech (JumpStart) Typical Course Progression

9th Grade	Fall	Spring
	English I A	English I B
	Algebra I A	Algebra I B
	Earth Science	PE I
	World Geography	JumpStart Pathway Elective
	IBCA	Advanced Career Readiness

10th Grade	Fall	Spring
	English II A	English II B
	Geometry A/JumpStart Math	Geometry B/JumpStart Math
	Biology A	Biology B
	Civics	Customer Service
	ACT Prep	JumpStart Pathway Elective

11th Grade	Fall	Spring
	English III	Health/PE II
	Algebra II/JumpStart Math	JumpStart Pathway Elective
	US History A	US History B
	JumpStart Pathway Elective	JumpStart Pathway Elective

12th Grade	Fall	Spring
	English IV DE Comp I/Technical Writing	DE Comp II
	College Algebra/JumpStart Math	JumpStart Pathway Elective
	JumpStart Pathway Elective	JumpStart Pathway Elective
	JumpStart Pathway Elective	JumpStart Pathway Elective

Course Descriptions

ENGLISH AND LANGUAGE ARTS

English I

This course is designed to help students increase and refine their language arts skills by reading, writing, listening, viewing, and speaking. Students will read a variety of literary and information texts using a variety of literacy strategies and learn to write competently in response to texts for a variety of purposes and audiences. Students learn to use the English language to successfully express themselves. Students are required to take the state end of course exam, LEAP 2025.

Credits: 1.0

Duration: 2 semesters

English I, Honors

This course is designed to help students increase and refine their language arts skills by reading, writing, listening, viewing, and speaking. To be successful, students will read, comprehend, and respond to a wide range of materials using a variety of strategies for different purposes. Students will write competently for a variety of purposes and audiences and use correct English grammar both in speech and written form. This course foments higher order thinking skills and emphasizes both literary and rhetorical analysis skills that students will need when entering Advanced Placement/Dual Enrollment courses as upperclassmen. Students are required to take the state end of course exam, LEAP 2025.

Prerequisite: Teacher recommendation; state test scores

Credits: 1.0

Duration: 2 semesters

English II

In English II, you will encounter new vocabulary, refine the grammar and mechanics of your writing, and engage in thought-provoking projects. Throughout the course, students will discover how the human experience is the foundation of the best stories, plays, poems, films, and articles. Students are required to take the state end of course exam, LEAP 2025.

Prerequisites: English I

Credits: 1.0

Duration: 2 semesters

English II, Honors

This pre-Advanced Placement level course is an accelerated course that focuses on applying a variety of in-depth reading and comprehension strategies to analyze theme across the various genres of literature, including the short story, nonfiction, poetry drama, and novels. Students are expected to think critically in order to provide responses to texts supported by evidence from the texts. Students must also identify and interpret the effects of literary elements and devices while incorporating these devices into their own written work and projects. This course focuses on writing as a pathway towards insight, reflection, and analysis. Students are required to take the state end of course exam, LEAP 2025.

Prerequisite: A or B in English I and/or teacher recommendation; standardized test scores

Credits: 1.0

Duration: 2 semesters

English III

Acquire the language, reading, writing, and speaking/listening skills necessary for success in college, career, and beyond. Become a critical reader and thinker as you dive deeply into the texts presented throughout this course. You will learn how to effectively research and integrate your findings, as well as citing your sources.

Prerequisites: English II

Credits: 1.0

Duration: 1 semester

English Language and Composition, Advanced Placement

Read and analyze prose written in various periods, disciplines, and rhetorical contexts while gaining an understanding of the interactions among a writer's purposes, audience expectations, and subjects. This course meets one required English credit for high school graduation. Students are required to take the AP test at the end of the semester.

Prerequisites: English II and teacher recommendation; standardized test scores

Credits: 1.0

Duration: 2 semesters

Business English

In this course, students will explore communication in the workplace, including emails, resumes, job applications, and interview skills. The course will focus on writing applications and students will explore literature, narratives, and informational texts.

Prerequisites: English I & II

Credits: 1.0

Duration: 1 semester

Note: this course does not fulfill the TOPS University English requirements, but can be considered as an elective. This course is recommended for students on the Jump Start pathway.

Technical Writing

This course includes the skills in verbal and written communication that students will need to be successful in the workplace. Students will know and use the terminology in their chosen field of work. They will understand, summarize, interpret, and compare information from simple and complex graphics to identify trends and to make informed decisions. They will also demonstrate proficiency in writing and presentation skills by producing different technical writing products, including formal research reports, formal presentations, and workplace writing (e.g., technical reports, manuals, explanations of how to understand or use a product or service, proposals, memoranda, cover letters). In creating those products, students will demonstrate an understanding of the context in which communication occurs, the ethical issues involved, how to identify and address the needs of audiences, and the methods and strategies for organizing and presenting information.

Prerequisites: English III or Business English,

Credits: 1.0

Duration: 1 semester

Note: this course does not fulfill the TOPS University English requirements, but can be considered as an elective. This course is recommended for students on the Jump Start pathway.

English IV

A course in British Literature providing an overview of literary and cultural development from the Anglo-Saxon period through the early modern period. The course is organized into thematic modules where students will read both preselected and student-selected works and excerpts in which they are challenged to think critically about literature and share their thoughts through composition.

Prerequisites: English III

Credits: 1.0

Duration: 1 semester

Developmental English, Dual Enrollment

This course is designed to strengthen writing skills in order to prepare students to meet the prerequisites to be enrolled in College Composition 101.

Prerequisites: English I, English II, ACT score of 14+

Credits: 1.0 (per block)

Duration: 1 semester

*Note: This course is designed for student who have not met the minimum college readiness ACT benchmarks (Composite score of 19, Subscore of 19 in Math and 18 in English). While this is a dual enrollment course, students will not earn college credit. This class will count as an elective credit.

College Composition I, Dual Enrollment

This course is a college level course designed to give you high school credit. The NSU University Catalog describes Composition and Rhetoric I (English 1010) as follows: "The short paper; rhetoric, with emphasis on writing" (178).

English 1010, accordingly, introduces you to the skills required for college-level writing, including rhetorical strategies appropriate for a variety of audiences and situations. You (students) learn these skills through readings that pattern skilled, purpose-driven writing and writing assignments that require students to apply lessons learned in a manner consistent with course outcomes. This course develops the reading and writing skills students need to prepare and produce a well-reasoned argumentative essay, which will be required as the final formal writing assignment in English 1010.

Prerequisites: English I, English II, GPA of 2.75 with an ACT Composite score of 19 and English subscore of 18+ (Note: qualifying Pre-ACT score may be substituted for this requirement) *

Credits: 1.0 (3.0 lecture hours)

Common Course Code: CENL 1013

Duration: 1 semester

College Composition II, Dual Enrollment

The NSU University Catalog describes Composition and Rhetoric II (English 1020) as follows: "Writing the longer paper; diction, style, analysis, and interpretation of collateral readings leading to the composition of the research paper. Prerequisite: 1010 [Composition and Rhetoric I]" (178). English 1020 accordingly, is a course that requires students to write, read, and research and to recognize that these are interconnected and interdependent activities. Furthermore, because texts always have a purpose—an argument—and always exist as part of a larger community of discourse, writing activities in English 1020 should take place in dialogue with and in response to the arguments of other texts through the construction of evidence-based arguments. Building on the reading and writing skills taught in English 1010, this course asks students to locate, evaluate, analyze, and interpret the texts of others as part of the process of writing purpose-driven, evidence-based arguments that persuasively communicate individual, informed points of view.

Prerequisites: English I, English II, ACT English score of 26+ OR successful completion of College Composition I*

Credits: 1.0 (3.0 lecture hours)

Common Course Code: CENL 1023

Duration: 1 semester

Introduction to Literature, Dual Enrollment

This course is a college level course which introduces students to literature in various forms and genres and has an extensive writing component. Students who complete this course will be able to demonstrate reading comprehension of complex texts in two different literary genres, construct evidence-based interpretations of literary texts that communicate their ideas effectively, discuss the various contexts in which diverse literary texts are generated and evaluate differing perspectives in formulating their ideas about the texts.

Prerequisites: Successful completion of College Composition I and II*

Credits: 1.0 (3.0 lecture hours)

Common Course Code: CENL 2323

Duration: 1 semester

MATHEMATICS

Algebra I

Algebra I emphasizes the importance of algebra in everyday life through hundreds of real-world examples. Assessments are designed to ensure that your understanding goes beyond rote memorization of steps and procedures. Upon successful course completion, you will have a strong foundation in Algebra I and will be prepared for other higher-level math courses. Students must take the state end of course exam, LEAP 2025.

Credits: 1.0

Duration: 2 semesters

Algebra I, Honors

This is an accelerated course in Algebra I. Topics include ration, proportional reasoning, exponents and radicals, the rectangular coordinate system, first degree equations and inequalities, variables, operations and properties of real numbers, equivalent expressions and equations solving and graphing linear equations and inequalities, and linear systems. Special emphasis is placed on developing an understanding of functions. Applications, geometry, and statistics are used to develop the algebra of linear equations and inequalities; matrices and probability concepts are studied in conjunction with algebraic fractions. Applications cover all topics studied in Algebra I. Students must take the state end of course exam.

Prerequisite: Teacher recommendation; standardized test scores

Credits: 1.0

Duration: 2 semesters

Geometry

Geometry exists everywhere in the world around you. We use it to build bridges, to design maps, or to create perspective in paintings. Throughout this course, you will use problem solving and real-world application to gain the knowledge of geometric concepts and their practical uses. Students must take the state end of course exam, LEAP 2025.

Prerequisites: Algebra I

Credits: 1.0

Duration: 2 semesters

Geometry, Honors

This is an accelerated course in Geometry which focuses on the study of visual concepts. Students utilize inductive reasoning to discover patterns and make conjectures; students employ deductive reasoning to confirm conjectures through proof. Topics include measurement formulas; geometric and spatial visualization; drawing skills; properties of congruence, similarity, parallelism, and perpendicularity; different methods of proof; properties of plane and solid figures; and different approaches to geometry, such as transformational, synthetic, coordinate, and vector approaches. Geometry provides unifying concepts that are used throughout high school mathematics. Students must take the state end of course exam. Students must take the state end of course exam, LEAP 2025.

Prerequisite: A or B in Algebra I and/or teacher recommendation; standardized test scores

Credits: 1.0

Duration: 2 semesters

Algebra II

Starting with a review of basic algebra, you will learn polynomials, quadratic equations, exponential and logarithmic relations, and probability and statistics. Throughout the course, these mathematical concepts are applied to everyday occurrences to get a better understanding of how the world around us functions.

Prerequisites: Algebra I, Geometry

Credits: 1.0

Duration: 1 semester

Algebra II, Honors

This is an accelerated course in Algebra II. Some conic sections are introduced as well as logarithms in addition to what is covered in the regular Algebra II course.

Prerequisite: A or B in Geometry and/or teacher recommendation; standardized test scores

Credits: 1.0

Duration: 1 semester

Advanced Math (Pre-Calculus)

This course covers pre-calculus topics, emphasizing in-depth study of trigonometry, coordinate geometry, number theory and functions, including polynomial, rational, exponential, and logarithmic functions.

Prerequisites: Algebra I, Geometry, & Algebra II

Credits: 1.0

Duration: 1 semester

Statistics

Statistics is an introductory course that assumes no prior knowledge of statistics but does assume some knowledge of algebra. Basic statistical concepts and methods are presented to emphasize understanding the principles of data collection and analysis and how statistics are used in the real world. There are two major parts of this course, data and probability and inference. Data: Students will describe data using measures of central tendency, dispersion, and position including graphical and numerical summaries. Collect data from samples that are representative of the whole population and avoid biases. Probability and Inference: Students will use the language of probability and the properties of numerical summaries computed from random samples and draw a conclusion about the population attaching a measure of reliability.

Prerequisites: Algebra I, Geometry, & Algebra II

Credits: 1.0

Duration: 1 semester

Calculus AB, Advanced Placement

Topics include properties of functions, limits of functions, continuity, differentiation, applications of differentiation, integration, applications of integration, differential equations, inverse trigonometric functions, and integration techniques. This high school course covers topics from the first semester college calculations course, but is taught over a full year. This course is recommended for students intending to major in STEM careers (engineering, computers, mathematics, and some medical careers). Students are required to take the AP test at the end of the semester.

Prerequisites: Successful completion of Advanced Math

Credits: 1.0 (5.0 lecture hours)

Duration: 2 semesters

Math Essentials

In this course, students will extend their knowledge of topics covered in Algebra I and Geometry (or Business Math). Course topics include ratio and proportion, probability, statistics, geometry visualization, linear functions, absolute value functions, and quadratic functions.

Credits: 1.0

Duration: 1 semester

*Note: This class does not fulfill the TOPS University Math requirements, but will be considered as an elective. This course is recommended for students on the Jump Start pathway.

Financial Literacy

Students will apply mathematics to concepts of personal finance such as gross pay, net pay, checking and savings accounts, cash and credit purchases, investing and insurance. Students become a more informed consumer, producer, investor, and taxpayer and learn how choices directly affect their future.

Credits: 1.0

Duration: 1 semester

*Note: this course does not fulfill the TOPS University Math requirements, but can be considered as an elective. This course is recommended for students on the Jump Start pathway.

Business Math

This course focuses on how businesses function through mathematical applications. Topics include basic Geometry and other business concepts such as fractions, ratios, purchasing, sales, and accounting.

Credits: 1.0

Duration: 1 semester

*Note: this course does not fulfill the TOPS University Math requirements, but can be considered as an elective. This course is recommended for students on the Jump Start pathway.

Developmental Math, Dual Enrollment

This course is designed to strengthen mathematical skills for study beyond Algebra in order to prepare students to meet the prerequisites to be enrolled in College Algebra at a University.

Prerequisites: Algebra I, Geometry, Algebra II, ACT score of 14+

Credits: 1.0

Duration: 1 semester

*Note: This course is designed for student who have not met the minimum college readiness ACT benchmarks (Composite score of 19, Subscore of 19 in Math and 18 in English). While this is a dual enrollment course, students will not earn college credit. This class will count as an elective credit.

College Algebra, Dual Enrollment

This course is a college level course designed to give you high school credit for Algebra III, along with 3 hours of college credit. A graphing treatment with skills of the topics considered for a college algebra course with emphasis on functions, graphs, and applications.

Prerequisites: Algebra I, Geometry, Algebra II, AND GPA of 2.75 with an ACT Composite score of 19 with an ACT math subscore of 19+ (can be substituted for qualifying Pre-ACT score)*

Credits: 1.0 (3.0 lecture hours) **Common Course Code:** CMAT 1213

Duration: 1 semester

Trigonometry, Dual Enrollment

This course is a college level course designed to give you high school credit for advanced math pre-calculus, along with 3 hours of college credit. Trigonometric functions; relations between function; solution of triangles with applications to practical problems; trigonometric formulas and identities; radian measure; graphic representation of trigonometric function; inverse trigonometric functions; trigonometric equations.

Prerequisites: Algebra I, Geometry, Algebra II, ACT math score of 26+ OR successful completion of College Algebra*

Credits: 1.0 (3.0 lecture hours) **Common Course Code:** CMAT 1223

Duration: 1 semester

Calculus I, Dual Enrollment

A brief review of pre-calculus, the theoretical development of the derivative, the theoretical development of the integral, differentiation formulas, applications of the derivative.

Prerequisites: Successful completion of Trigonometry DE*

Credits: 1.0 (5.0 lecture hours) **Common Course Code:** CENL 1013

Duration: 1 semester

SCIENCE

Physical Science

Build a foundation for studying physical sciences, including basic physics and chemistry, as you explore this interactive course. Topics include forces and motion, energy through waves, electricity and magnetism, the matter around us, chemical bonding, and reactions.

Credits: 1.0

Duration: 1 semester

Physical Science, Honors

This accelerated course contains more challenging lessons, assignments and assessments than the regular course.

Prerequisite: Teacher recommendation; standardized test scores

Credits: 1.0

Duration: 1 semester

Physical Science, Dual Enrollment

An introductory course designed to allow students to explore the basic concepts of physical science. Students will be introduced to the history and nature of science. The course includes an introduction to the fundamental concepts of physics, chemistry, astronomy, and earth science. Students will be encouraged to explore the relationship between science and everyday life.

Prerequisites: GPA of 2.75 with an ACT composite score of 19*

Credits: 1.0 (3 lecture hours) **Common Course Code** CPHY 1023

Duration: 1 semester

Biology

Explore the structure, function, diversity, and evolution of living matter by taking an in-depth look at the fundamental characteristics of living organisms. You will have the opportunity to perform hands-on lab activities and develop relationships through collaborative learning. Students are required to take the state end of course exam, LEAP 2025.

Credits: 1.0

Duration: 2 semesters

Biology, Honors

This is an advanced course in Biology I. Students will move at an accelerated pace and do more research, assignments, and projects than the regular Biology course. Topics include cells, molecular basis of heredity, biological evolution, body systems, behavior of organisms, matter and energy relationships, organization of living systems,

personal and community health, and ecology. Students will formulate hypothesis, design simple experiments, draw conclusions, develop inferences which they will apply to new situations, and will apply scientific principles to everyday life. Students will need excellent study skills as Honors Biology is full of new terminology and concepts and moves at a rapid pace. Students are required to take the state end of course exam, LEAP 2025.

Prerequisite: A or B in 9th grade science course and/or teacher recommendation

Credits: 1.0

Duration: 2 semesters

Biology I, Dual Enrollment

This college level course emphasis in this course is placed on the molecular basis of life, cell structure, metabolism, reproduction, genetics, and gene expression. Students are required to take the state end of course exam, LEAP 2025.

Prerequisites: GPA of 2.75 with an ACT composite score of 19*

Credits: 1.0 (3 lecture hours)

Common Course Code: CBIO 1013

Duration: 1 semester

Biology II, Dual Enrollment

Chemical basis of life, cell structure and specialization, cellular respiration, photosynthesis, patterns of inheritance, nature and action of genes, simplified classification and evolution of plants, and organismic processes

Prerequisites: Successful completion of Biology I DE*

Credits: 1.0 (3 lecture hours)

Common Course Code: CBIO 1023

Duration: 1 semester

Chemistry

This course provides a foundation of chemistry concepts, including: scientific inquiry, Web 2.0 tools, interactive experiences, higher-order thinking, collaborative projects, real-world application, and a variety of assessments.

Prerequisites: Biology, Algebra II or concurrent enrollment in Algebra II

Credits: 1.0

Duration: 1 semester

Chemistry, Honors

Faster paced, more detailed study of descriptive and theoretical concepts of matter. This is a college prep course.

Prerequisite: Algebra II or concurrent enrollment in Algebra II, A or B in Biology and/or teacher recommendation

Credits: 1.0

Duration: 1 semester

Physics

Discover the contributions of geniuses like Galileo, Newton, and Einstein by learning about the concepts, theories, and laws that govern the interaction of matter, energy, and forces.

Prerequisites: Algebra II or concurrent enrollment in Algebra II

Credits: 1.0

Duration: 1 semester

Earth Science

This laboratory course focuses on the study of the geologic and atmospheric forces that shape our world. Through experimentation and investigation, you will explore Earth's cycles, including the geosphere, hydrosphere, cryosphere, atmosphere, and carbon cycle.

Credits: 1.0

Duration: 1 semester

Environmental Science

Students enrolled in this course will explore the scope of Earth sciences, covering everything from basic structure and rock formation to the incredible forces that have shaped and changed our planet. As climate change and energy conservation become a hot topic in national discourse, it is important for students to understand the concepts and causes of our changing earth. Earth science will provide a solid foundation for understanding the physical

characteristics that make the planet Earth unique and will examine how these characteristics differ among the planets of our solar system.

Credits: 1.0

Duration: 1 semester

Environmental Science, Advanced Placement

This accelerated course further explores the scope of Earth sciences in greater depth. Students are required to take the AP exam and may earn college credit dependent upon the attained exam score.

Prerequisite: Teacher recommendation; standardized test scores

Credits: 1.0

Duration: 1 semester

SOCIAL STUDIES

World Geography

This course surveys the 10 major regions of the world. Students will examine the physical geography, history, and population patterns that contribute to each region's present-day geography with in-depth exploration of contemporary issues. Human well-being will also be evaluated using a variety of measurement.

Credits: 1.0

Duration: 1 semester

World Geography, Honors

Students develop a deep understanding of the interconnectedness of people and place. By analyzing the physical and human systems, geographical features, and regional commonalities of different locations around the world, students explain how society, the environment, the political and economic landscape, and historical events influence perspectives, values, traditions, and ideas. This is an advanced course in the study of geography and will require strong reading and writing skills to learn and work at an accelerated pace. Students will be expected to finish this course with a high-level understanding of physical, political, and cultural geography of the world.

Prerequisite: A or B in previous Social Studies course and/or teacher recommendation

Credits: 1.0

Duration: 1 semester

Human Geography, Advanced Placement

The AP Human Geography course is equivalent to an introductory college-level course in human geography. This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socio-economic organization and its environmental consequences. Students are required to take the AP exam and may earn college credit dependent upon the attained exam score.

Prerequisites: Teacher recommendation; standardized test scores

Credits: 1.0

Duration: 2 semesters

Civics

Explore the principles that inspired the Constitution and Bill of Rights and examine each branch of government, the election process, and how you can impact public policy. You will also discover how the United States interacts with other countries.

Credits: 1.0

Duration: 1 semester

Civics, Honors

In addition to the regular coursework, this honors level class will be expected to complete additional assignments that will require students to use higher order thinking, writing, and research skills as well as connecting current events to content learned. Students will be expected to complete this course with a high-level understanding of our government and economy.

Honors Level Prerequisite: A or B 9th grade history course and/or teacher recommendation

Credits: 1.0

Duration: 1 semester

United States History

Investigate the people, events, and ideas that have shaped the United States from the end of the Civil War through today while applying what you learn to real-world problems. Students are required to take the state End of Course exam at the end of the semester.

Prerequisites: None

Honors Level Prerequisite: A or B 10th grade history course and/or teacher recommendation

Credits: 1.0

Duration: 2 semesters

United States History, Honors

This honors course includes everything in the regular section but will have more assignments that require document analysis and DBQ practice.

Prerequisites: A or B 10th grade history course and/or teacher recommendation

Credits: 1.0

Duration: 2 semesters

United States History I, Dual Enrollment

This course will provide a survey of United States History until 1865. Students will demonstrate knowledge of important historical events and people in the Colonial, Revolutionary, Antebellum, and Civil War periods of American history; Locate and retrieve historical data relevant to the peoples, events, movements and institutions covered in the course material; and compose essays examining germane events (examples: historical political, military, religious, social, economic, or cultural events of significance) that is properly structured, clearly stated, factually precise, and complete in form. Students must take US History DE I and II.

Prerequisites: GPA of 2.75 with an ACT composite score of 19*

Credits: 1.0 (3.0 lecture hours)

Common Course Code: CHIS 2013

Duration: 1 semester

United States History II, Dual Enrollment

This course will present a survey of United States History from 1865 to present day. Students will demonstrate knowledge of important historical events and people in the nineteenth and twentieth century periods of American history; Locate and retrieve historical data relevant to the peoples, events, movements and institutions covered in the course material; and compose essays examining germane events (examples: historical political, military, religious, social, economic, or cultural events of significance) that is properly structured, clearly stated, factually precise, and complete in form. Students must complete the United State History End of Course (EOC) examination upon completion of the course. Students must take US History DE I and II.

Prerequisites: GPA of 2.75 with an ACT composite score of 19, History 1010 preferred*

Credits: 1.0 (3.0 lecture hours)

Common Course Code: CHIS 2023

Duration: 1 semester

World History

Join Ali and Soo-jin, our modern time travelers, as they journey through history. Discover the connections between world events and eras, from the Roman Empire through the Industrial Revolution, and explore development in our modern world, as well as the implications that historical events have on us today.

Credits: 1.0

Duration: 1 semester

World History, Honors

In addition to the regular course, honors students will be expected to complete additional assignments that require research skills, higher order thinking, writing and presentation skills. Students will be expected to finish this course with a high-level understanding of key concepts in World History

Credits: 1.0

Duration: 1 semester

World History I, Dual Enrollment

This course is a survey of Western Civilization from the beginning to A.D. 1500. Upon successful completion of this course, the student will be able to: demonstrate knowledge of important historical events and people in the Ancient and Medieval periods in western civilization; locate and retrieve historical data relevant to the peoples events, movements and institutions covered in the course material and compose an essay examining germane events (examples: historical political, military, religious, social, economic, or cultural events of significance) that is properly structured, clearly stated, factually precise, and complete in form.

Prerequisites: GPA of 2.75 with an ACT composite score of 19*

Credits: 1.0 (3.0 lecture hours)

Common Course Code: CHIS 1013

Duration: 1 semester

World History II, Dual Enrollment

This is the second segment of a survey on Western Civilization from 1500 to present. Upon successful completion of this course, the student will be able to: demonstrate knowledge of important historical events and people in the Renaissance, Enlightenment, and Modern periods of world history and locate and retrieve historical data relevant to the peoples, events, movements and institutions covered in the course material, and compose an essay examining germane events (examples: historical political, military, religious, social, economic, or cultural events of significance) that is properly structured, clearly stated, factually precise, and complete in form.

Prerequisites: GPA of 2.75 with an ACT composite score of 19*

Credits: 1.0 (3.0 lecture hours)

Common Course Code: CHIS 1023

Duration: 1 semester

HEALTH & PHYSICAL EDUCATION

Physical Education I

Aimed at lifelong fitness, this course guides you in strategies and techniques to make continual improvements in all areas of wellness. With the guidance of a training instructor, you'll set personal goals in four areas of wellness: physical, emotional, social, and academic. This course uses videos, graphics, and interactive learning opportunities to encourage you to get out and be active. By following personalized training principles, you can gain confidence from personal success while developing healthy habits that will last a lifetime.

Credits: 1.0

Duration: 1 semester

Physical Education II

Aimed at expanding lifelong fitness, this course guides you in strategies and techniques to make continual improvements in all areas of wellness. With the guidance of a training instructor, you'll set personal goals in four areas of wellness: physical, emotional, social, and academic. This course uses videos, graphics, and interactive learning opportunities to encourage you to get out and be active. By following personalized training principles, you can gain confidence from personal success while developing healthy habits that will last a lifetime.

Credits: .50

Duration: ½ semester

Health

This course is designed to expose students to a broad range of issues and information relating to the various aspects of personal health, which include the physical, social, emotional, intellectual, and environmental aspects.

Credits: .50

Duration: ½ semester

FOREIGN LANGUAGES

Spanish I

Learn basic Spanish grammar to help build your fluency and understanding, and apply what you learn through interactive games, written practice, listening, and speaking exercises.

Credits: 1.0

Duration: 1 semester

Spanish II

Strengthen your Spanish listening, speaking, reading, and writing skills while experiencing the beauty and expressiveness of a language that is shared by different people and cultures throughout the world.

Prerequisites: Spanish I

Credits: 1.0

Duration: 1 semester

Elementary Spanish I, Dual Enrollment

Basic lexicon and structure of Spanish; emphasis on the four basic skills (listening, speaking, reading, and writing) and culture of the Spanish-speaking world.

Prerequisites: GPA of 2.75 with ACT composite score of 19*

Credits: 1.0 (3.0 lecture hours)

Common Course Code: CSPN 1013

Duration: 1 semester

Elementary Spanish II, Dual Enrollment

This course is a continuation of Spanish 1010. By the end of the course, students will have developed solid competencies in each of the five goal areas: Communication, Cultures, Connections, Comparisons, and Communities. They will further their knowledge of Spanish grammar to help build fluency and understanding, and to apply what they learn through written practice, and listening and speaking exercises. This course is designed to develop a higher degree of proficiency.

Prerequisites: Successful completion of Spanish I DE*

Credits: 1.0 (3.0 lecture hours)

Common Course Code: CENL 1023

Duration: 1 semester

French I

A beginning course designed to give students the experience of learning a second language and gaining an appreciation of the cultures and places in which French is spoken. Students learn basic French grammar to build fluency and understanding through interactive games, reading activities, written practices, listening comprehension and speaking exercises.

Credits: 1.0

Duration: 1 semester

French II

Students strengthen French listening, speaking, reading, and writing skills with engaging and interactive videos, dialogs, presentations, self-checks, and much more. This course is a continuation of French I with emphasis on conversation skills, reading, listening, and writing. Upon completion of this course, students have a basic command of elementary sentence patterns and grammatical structures.

Prerequisites: French I

Credits: 1.0

Duration: 1 semester

Elementary French I, Dual Enrollment

In this college level class students learn French grammar to help build fluency and understanding, and to apply this understanding through written practice, and listening and speaking exercises. The course is designed to give a basic knowledge of the French language and Francophone culture. Upon completion of the course, students will have the basic vocabulary necessary to carry on a limited conversation in a variety of areas and a foundation to continue the study of French.

Prerequisites: GPA of 2.75 with ACT composite score of 19*

Credits: 1.0 (3 lecture hours)

Common Course Code: CFRN 1013

Duration: 1 semester

Elementary French II, Dual Enrollment

This college level class is the continuation of Elementary French I (Dual Enrollment). By the end of the course, students will have developed solid competencies in each of the five goal areas: Communication, Cultures, Connections, Comparisons, and Communities. They will further their knowledge of French grammar to help build fluency and understanding, and to apply what they learn through written practice, and listening and speaking exercises. This course is designed to develop a higher degree of proficiency.

Prerequisites: Successful completion of Elementary French I DE*

Credits: 1.0 (3 lecture hours)

Common Course Code: CFRN 1023

Duration: 1 semester

ASL I

Learn basic American Sign Language to help build your fluency and understanding, and apply what you learn through interactive games, listening and speaking exercises.

Credits: 1.0

Duration: 1 semester

ASL II

Strengthen your ASL listening, speaking, reading, and writing skills with engaging and interactive videos, dialogs, presentations, self-checks, and much more.

Prerequisites: ASL I

Credits: 1.0

Duration: 1 semester

ARTS

Music Theory

Why does music affect us the way it does? There is no escaping music; it's everywhere. Together we will discover how and why music has helped shape our culture through the centuries. This course will explore music's history, its basic elements, and its power to alter entire societies.

Credits: 1.0

Duration: 1 semester

Exploring the Arts, Dual Enrollment

Exploring the Arts is a college level course that introduces the student to the exciting world of the arts including music, visual art, theatre/dance, and its related fields. In this course, the student will gain a knowledge and appreciation of the arts, identify the manner of presentation of the arts as well as the performers involved, and explore the arts of other countries and cultures, in addition to Western culture.

Prerequisites: GPA of 2.75 with ACT composite score of 19*

Credits: 1.0 (3 lecture hours)

Common Course Code: CART 1013

Duration: 1 semester

Digital Photography

Digital Photography with Photoshop provides an introduction to Photoshop. Students will work towards earning an Adobe Photoshop Associate Certification by learning the fundamental concepts and features needed to master Photoshop. Students will also learn the elements and principles of design, learn how to think like a designer, and create works to include in a portfolio. This class is only open to students on the TOPS University pathway. JumpStart students are recommended to take Digital Media I.

Credits: 1.0

Duration: 1 semester

Digital Storytelling

This is a project based learning course that utilizes assessment guides in addition to thoughtful integrated learning. Throughout the course, experimentation and the practice of storytelling through the lenses of multiple mediums allows students to develop narrative reasoning skills, while simultaneously giving them a realm to be creative and challenged.

The course was created in response to the demand from “entertainment” industries for individuals skilled in content creation and transfer of thinking. The purpose of this course is to get our students to become creators rather than just consumers. The course focuses on content creation, specifically in the realms of: Visual, Auditory, Videographic, and Interactive Storytelling. The course also focuses on Digital Literacy, and how to become a responsible denizen. At any point throughout the course, students use information and communication technologies to find, evaluate, create, and communicate information, requiring both cognitive and technical skills.

Credits: 1.0

Duration: 1 semester

ELECTIVES

ACT Prep

This course is designed to equip you with the skills you will need to perform successfully on the ACT test and improve your scores. This course will work on building your English, Reading, Math and Science skills by providing you with multiple practice tests, opportunities and tools.

Prerequisites: Algebra I and English I

Credits: 1.0

Duration: 1 semester

Basic Career Readiness

This course will empower students to take an active role in planning their academic and career experiences. We will focus on basic career readiness topics such as: the work place, setting goals, and job skills. This is a universal JumpStart elective and can be used on any pathway.

Credits: 1.0

Duration: 1 semester

Advanced Career Readiness

This course prepares students to be career and college ready. Students will be exposed to a broad range of career opportunities, as well as college choices. This is a universal JumpStart elective and can be used on any pathway.

Prerequisites: Basic Career Readiness

Credits: 1.0

Duration: 1 semester

Digital Media I

Digital Photography with Photoshop provides an introduction to Photoshop. Students will work towards earning an Adobe Photoshop Associate Certification by learning the fundamental concepts and features needed to master Photoshop. Students will also learn the elements and principles of design, learn how to think like a designer, and create works to include in a portfolio. This is open only to JumpStart students and will count as a JumpStart elective.

Credits: 1.0

Duration: 1 semester

Digital Media II

In this course you will address visual storytelling issues through digital media. Students will learn a fundamental competence and range of understanding in visual concerns (and methods) and demonstrate an understanding of digital media design and visual storytelling issues through two-dimensional mediums or processes, including graphic design, photography, motion graphics, animation, illustration, web or app design, or film. The class will culminate in the completion of a portfolio project and taking an Adobe Certified Associate exam.

Prerequisites: Digital Photography/Digital Media I and teacher recommendation

Credits: 1.0

Duration: 1 semester

Quest for Success

This course prepares students to develop essential 21st century workforce skills-the ability to communicate, collaborate, and lead. Students will explore new and exciting careers and industry sectors as well as learn about

themselves and their interests to successfully navigate high school, post-secondary education, and career pathways. This is a universal JumpStart elective and can be used on any pathway.

Credits: 1.0

Duration: 1 semester

Highland Swordsmanship

This

course is a combination of historical study and physical education. Students will study both the history of Scottish swordsmanship, using primary sources (mostly from the 18th and 19th century), and secondary modern sources. Students will use these sources to perform and record these techniques, upload the videos and submit them for critique and feedback, as well as a grade.

Credits: 1.0

Duration: 1 semester

Video and TV Production

This

course is a project based course where students report on important issues in their school community and in their surrounding community. Along with technical instruction on the use of cameras and editing software, the lessons focus on understanding the role of journalism in society and developing broader communication skills including listening, asking questions, teamwork and public speaking. The video and TV production course will provide a wide range of news and special reporting content for Lynx TV.

Credits: 1.0

Duration: 1 semester

Intro to Business Computer Applications (IBCA)

This semester course introduces students to the features and functionalities of Microsoft® Office® while preparing them for the Microsoft Office Specialist (MOS) certification program. Through video instruction, interactive skills demonstrations, practice assignments, and unit-level assessments, students become proficient in Microsoft Word and PowerPoint. By the end of the course, students are prepared to take one or more MOS certification exams. This is a universal JumpStart elective and can be used on any pathway.

Credits: 1.0

Duration: 1 semester

Customer Service

In this Customer Service course, students will explore the importance of customer service in the retail industry, business and in life. This course is designed to teach students about products and/or services, how to assess and meet customer needs, information needed to educate customers, help prepare for selling products/ goods/ services, provide ways to gain customer commitment and close sales, and how to develop and implement a sales follow-up plan. Students will also complete simulations on personal finance and gain valuable entrepreneurship information needed to be successful in today's work-world. Students must take the NRF Customer Service and Sales exam at the end of the course. This is a universal JumpStart elective and can be used on any pathway.

Prerequisites: Students must be at least 15 years of age

Credits: 1.0

Duration: 1 semester

Entrepreneurship I

Have you ever dreamed of owning your own business and working for yourself? Does the thought of owning your own business scare you? In this course, you will discover if starting a small business is the right career choice for you. You will perform real-world activities such as forming a start-up, apply for funding with an online credit financing company, register your business with the Louisiana Secretary of State. By the end of this course, students will have practical experience in creating a business plan. You will have mastered critical workplace behaviors and communication skills necessary to be a business owner or a valued employee. This course will also prepare you for the Micro-Enterprise Credential sponsored by the Baton Rouge Area Chamber of Commerce. This is a universal JumpStart elective and can be used on any pathway.

Prerequisites: Open to 11th and 12th graders

Credits: 1.0

Duration: 1 semester

Entrepreneurship II

In this course, students will discover what it is like to operate a small business/micro-enterprise. By the end of this course students will understand important activities involved in keeping a small business, in business and will have mastered critical workplace behaviors and leadership skills necessary to be a business owner or a valued employee. Skills taught in Entrepreneurship II are transferable to any career pathway and are a foundation for success in your career and life. This course will also prepare you for the Micro-Enterprise State-wide Credential sponsored by the Baton Rouge Area Chamber of Commerce. This is a universal JumpStart elective and can be used on any pathway.

Prerequisites: Successful completion of Entrepreneurship I

Credits: 1.0

Duration: 1 semester

Keyboarding

Students practice and become proficient in typing and keyboarding skills. This is a universal JumpStart elective and can be used on any pathway.

Credits: 1.0

Duration: 1 semester

Speech

This course is primarily focused on using technology and software to create and disseminate various media in the spoken word. Student will learn how to record and edit basic but attractive videos where they speak about different topics and various purposes. Students will have the opportunity to express their creativity in the following genres of communication: advertising, dramatic monologues/character personas, tutorials, issue awareness/PSA campaigns, entertainments, and interviews. This is a universal JumpStart elective and can be used on any pathway.

Credits: 1.0

Duration: 1 semester

Speech, Dual Enrollment

Development of desirable habits for normal speech situations; effective use of voice, oral language, and bodily actions; basic principles of speech composition.

Prerequisites: GPA of 2.75 with ACT composite score of 19*

Credits: 1.0 (3 lecture hours)

Common Course Code: CCOM 1013

Duration: 1 semester

Psychology, Dual Enrollment

This course explores the science of psychology. Emphasis will be placed on understanding the terms, constructs, major theories, schools of thought, and practical applicability of psychology. An emphasis will be placed on the manner in which knowledge is obtained, including the scientific methods, critical thinking, and statistical analysis of data. Several classic experiments in psychology will be reviewed and critically analyzed. Upon completion of the course, students will possess a basic knowledge of the psychological principles that help understand, explain, and predict human behavior, and will be a more informed consumer of information.

Prerequisites: GPA of 2.75 with ACT composite score of 19*

Credits: 1.0 (3 lecture hours)

Common Course Code: CPSY 2013

Duration: 1 semester

Sociology, Dual Enrollment

This college level course is designed to introduce students to the sociological study of society. Sociology focuses on the systematic understanding of social interaction, social organization, social institutions, and social change.

Prerequisites: GPA of 2.75 with ACT composite score of 19*

Credits: 1.0 (3 lecture hours)

Common Course Code: CSCOC 2013

Duration: 1 semester

Java Script I

Intro to JavaScript is the globally used client-side scripting languages for the web. Most browsers support the language by default, so students can get started using JavaScript and HTML with a simple text editor and browser for testing. Dynamic languages make web pages dynamic without making calls to web servers for every button click, character typed, or mouse movement. JavaScript programming makes it easy for web developers to customized libraries that make it easier for other programmers and web designers. This course gets students started with an introduction to JavaScript. It assumes students are new to the language, so it assists in started with basic functionality such as creating functions, creating variables, and calling these lines of code from standard HTML pages. It covers topics ranging from events and triggers for custom event handling to pattern matching, searching for text within a page, flow control and the document object model (DOM). This may be considered a JumpStart elective depending on pathway.

Credits: 1.0

Duration: 1 semester

Java Script II

Advanced Javascript will build upon basic concepts learned in the Intro to JavaScript course but will focus on best practices. Topics include data encapsulation, closures, binding, inheritance, and namespacing. Students will discover some of the lesser-known, yet useful, features of the language, such as how to debug JavaScript problems on different browsers and improve performance. Students will also create interactive web pages using third-party JavaScript libraries. Advanced JavaScript will dive into the nuances of JavaScript, how prototypal inheritance compares to classical inheritance, and how this can be used to build dynamic and complex web applications. Modern tools like jQuery and BackboneJS will be discussed, but students will learn the building blocks of these frameworks. This may be considered a JumpStart elective depending on pathway.

Prerequisites: Successful completion of Java Script I

Credits: 1.0

Duration: 1 semester

JAG I

Jobs for America's Graduates, a dropout prevention program, "promotes academic and skills attainment, civic responsibility, leadership development and social awareness that is necessary to become a responsible citizen and productive worker". This program is intended for student with major obstacles which interfere with the student's goal of earning a high school diploma. Students must be interviewed to determine if they will meet the program requirements.

Prerequisites: Open only to Freshman

Credits: 1.0

Duration: 2 semesters

JAG II

Jobs for America's Graduates, a dropout prevention program, "promotes academic and skills attainment, civic responsibility, leadership development and social awareness that is necessary to become a responsible citizen and productive worker". This program is intended for student with major obstacles which interfere with the student's goal of earning a high school diploma. Students must be interviewed to determine if they will meet the program requirements.

Prerequisites: Open only to Sophomores

Credits: 1.0

Duration: 2 semesters

JAG III

Jobs for America's Graduates, a dropout prevention program, "promotes academic and skills attainment, civic responsibility, leadership development and social awareness that is necessary to become a responsible citizen and productive worker". This program is intended for student with major obstacles which interfere with the student's goal of earning a high school diploma. Students must be interviewed to determine if they will meet the program requirements. This is a universal JumpStart elective and can be used on any pathway.

Prerequisites: Open only to Juniors

Credits: 1.0

Duration: 2 semesters

JAG IV

Jobs for America's Graduates, a dropout prevention program, "promotes academic and skills attainment, civic responsibility, leadership development and social awareness that is necessary to become a responsible citizen and productive worker". This program is intended for student with major obstacles which interfere with the student's goal of earning a high school diploma. Students must be interviewed to determine if they will meet the program requirements. This is a universal JumpStart elective and can be used on any pathway.

Prerequisites: Open only to Seniors

Credits: 1.0

Duration: 2 semesters

***12th grade students must meet all benchmarks to be eligible for any Dual Enrollment course in the Spring. This includes an ACT composite score of 19, 18 English subscore, 19 Math subscore and a GPA of 2.75.**

University View Academy 2019-2020 Schedule Request

Student Name: _____

Current Grade: _____

_____ TOPS University

_____ TOPS Tech (Jump Start)

Pathway: _____

Please be aware of course sequence and prerequisites before making your course selection. This form is intended to help you choose your courses before completing the final online course request.

ENGLISH

_____ English I
 _____ English I, H
 _____ English II
 _____ English II, H
 _____ English III
 _____ English III, AP
 _____ English IV
 _____ Developmental English
 _____ English Comp I, DE
 _____ English Comp II, DE
 _____ Intro to Lit, DE
 _____ Business English
 _____ Technical Writing

MATH

_____ Algebra I
 _____ Algebra I, H
 _____ Geometry
 _____ Geometry, H
 _____ Algebra II
 _____ Algebra II, H
 _____ Advanced Math
 _____ Statistics
 _____ Developmental Math
 _____ College Algebra, DE
 _____ Trigonometry, DE
 _____ Calculus I, DE
 _____ Calculus, AP
 _____ Business Math
 _____ Financial Literacy
 _____ Math Essentials

SCIENCE

_____ Earth Science
 _____ Biology I
 _____ Biology I, H
 _____ Biology I, DE
 _____ Biology II, DE
 _____ Chemistry
 _____ Chemistry, H
 _____ Physics
 _____ Physical Science
 _____ Physical Science, H
 _____ Physical Science, DE
 _____ Environmental Science
 _____ Environmental Science, AP

HISTORY

_____ World Geography
 _____ World Geography, H
 _____ AP Human Geography
 _____ Civics
 _____ Civics, H
 _____ US History
 _____ US History,
 _____ US History I & II, DE
 _____ World History
 _____ World History, H
 _____ World History I, DE
 _____ World History II, DE

LANGUAGE

_____ Spanish I
 _____ Spanish II
 _____ Spanish I, DE
 _____ Spanish II, DE
 _____ French I
 _____ French II
 _____ French I, DE
 _____ French II, DE
 _____ ASL I
 _____ ASL II

PE & HEALTH

_____ PE I
 _____ PE II
 _____ Health

DE ELECTIVES

_____ Psychology, DE
 _____ Sociology, DE
 _____ Speech, DE

ART

_____ Music Theory
 _____ Digital Photography
 _____ Exploring the Arts, DE
 _____ Digital Storytelling

GENERAL ELECTIVES

_____ ACT Prep
 _____ Basic Career Readiness
 _____ Advanced Career Readiness
 _____ Quest for Success
 _____ Highland Swordsmanship
 _____ Speech
 _____ Customer Service
 _____ Entrepreneurship I
 _____ Entrepreneurship II
 _____ Keyboarding
 _____ Speech
 _____ Digital Media I
 _____ Digital Media II
 _____ Java Script I
 _____ Java Script II
 _____ JAG I
 _____ JAG II
 _____ JAG III
 _____ JAG IV
 _____ Video & TV production

Scheduling Information:

- Students are expected to select classes carefully and maintain a firm commitment to continue enrollment in their classes.
- Course changes will not be made to accommodate personal or teacher preferences.

Student Signature: _____ Date: _____

H=Honors

AP=Advanced Placement

DE=Dual Enrollment