



Liberty Charter High Course Catalog

Year: 2024-2025

Report: CRS201

Department: Business Education

Internship 1

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This course allows students the opportunity to intern with business and in careers in which they have interest. It is an actual internship so there are no daily classroom meetings, but the course requires students to create a resume, participate in an interview, complete a financial literacy program, and complete a reflective journal on their internship work experience. Credit for this course will be based upon these academic pieces and one's attendance and accomplishments on the job. The details of each internship will be worked out with the employer and the LCHS internship advisor. By the end of a student's senior year, every student must have earned at least 5 credits of internship to qualify for graduation. The work experience can also be done of the summer if coordinated with the internship advisor.

INTERN20

Internship 2

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This course allows students the opportunity to intern with business and in careers in which they have interest. It is an actual internship so there are no daily classroom meetings, but the course requires students to create a resume, participate in an interview, complete a financial literacy program, and complete a reflective journal on their internship work experience. Credit for this course will be based upon these academic pieces and one's attendance and accomplishments on the job. The details of each internship will be worked out with the employer and the LCHS internship advisor. By the end of a student's senior year, every student must have earned at least 5 credits of internship to qualify for graduation. The work experience can also be done of the summer if coordinated with the internship advisor.

INTERN20



Liberty Charter High Course Catalog

Year: 2024-2025

Report: CRS201

Department: Art

AP Studio Art: Two Dimensional 1

ART204

Grades: 09 - 12 College Prep: Yes Credit: 5.000

UC Approved "f" course, students produce original 2-D works of art reflecting quality, a concentration on a visual interest or problem, and breadth of experience in the formal, technical and expressive means of the artist. Integrating the elements and principles of design, students will produce works such as graphic design, digital imaging, photography, collage, fabric design, weaving, illustration, painting and printmaking. All students must take the AP Studio Art 2-D exam administered by the College Board at a cost of about \$90. This is not a written exam, but a portfolio submission of original works. This course is recommended for extremely motivated students desiring admission into the UC or CSU and will require much independent work outside of the classroom. It also meets the LCHS fine arts or elective graduation requirement. Prerequisite: Complete Art II with 80% average and receive a teacher recommendation.

AP Studio Art: Two Dimensional 2

ART205

Grades: 09 - 12 College Prep: Yes Credit: 5.000

UC Approved "f" course, students produce original 2-D works of art reflecting quality, a concentration on a visual interest or problem, and breadth of experience in the formal, technical and expressive means of the artist. Integrating the elements and principles of design, students will produce works such as graphic design, digital imaging, photography, collage, fabric design, weaving, illustration, painting and printmaking. All students must take the AP Studio Art 2-D exam administered by the College Board at a cost of about \$85. This is not a written exam, but a portfolio submission of original works. This course is recommended for extremely motivated students desiring admission into the UC or CSU and will require much independent work outside of the classroom. It also meets the LCHS fine arts or elective graduation requirement.

Prerequisite: Complete Art II with 80% average and receive a teacher recommendation.

Art I-1

ART200

Grades: 09 - 12 College Prep: Yes Credit: 5.000

UC approved "f" course introduces students to the basic elements and skills of drawing, painting, and sculpting. This course meets the LCHS fine arts graduation requirement.

Art I-2

ART201

Grades: 09 - 12 College Prep: Yes Credit: 5.000

UC approved "f" course introduces students to the basic elements and skills of drawing, painting, and sculpting. This course meets the LCHS fine arts graduation requirement.

Art II - 1

ART202

Grades: 09 - 12 College Prep: Yes Credit: 5.000

UC approved "f" course builds on the skills learned in Art I. This course meets the LCHS fine arts or elective graduation requirements.

Prerequisite: Complete Art I with 70% average and receive a teacher recommendation.

Art II - 2

ART203

Grades: 09 - 12 College Prep: Yes Credit: 5.000

UC approved "f" course builds on the skills learned in Art I. This course meets the LCHS fine arts or elective graduation requirements.

Prerequisite: Complete Art I with 70% average and receive a teacher recommendation.

Ceramics-1

ART206

Grades: 09 - 12 College Prep: Yes Credit: 5.000

UC approved "f" course, students will learn how to make objects out of clay using a kiln. This course meets the LCHS fine arts graduation requirement.

Ceramics-2

ART207

Grades: 09 - 12 College Prep: Yes Credit: 5.000

UC approved "f" course, students will learn how to make objects out of clay using a kiln. This course meets the LCHS fine arts graduation requirement.



Liberty Charter High Course Catalog

Year: 2024-2025

Report: CRS201

Department: General, Non Specific

Drama 1

PART200

Grades: 09 - 12 College Prep: Yes

Credit: 5.000

This UC approved "f" course introduces students to the basics of producing performing arts events. While this class will be scheduled during regular school hours, performances and some rehearsals will be scheduled after school hours. By signing up for this course, students commit to some participation after school in the spring. Students must work as cast or crew in at least one full length live performance as part of this course - this does not necessarily mean they need to perform onstage. This course meets the LCHS fine arts or election graduation requirement.

Drama 2

PART201

Grades: 09 - 12 College Prep: Yes

Credit: 5.000

This UC approved "f" course introduces students to the basics of producing performing arts events. While this class will be scheduled during regular school hours, performances and some rehearsals will be scheduled after school hours. By signing up for this course, students commit to some participation after school in the spring. Students must work as cast or crew in at least one full length live performance as part of this course - this does not necessarily mean they need to perform onstage. This course meets the LCHS fine arts or election graduation requirement.



Liberty Charter High Course Catalog

Year: 2024-2025

Report: CRS201

Department: English

AP English Lang & Comp 1 **ENG224**

Grades: 11 - 12 College Prep: Yes Credit: 5.000

College level UC approved "b" course, students will read and critically analyze 17th - 21st century American literature. Students will demonstrate and develop their reading comprehension and critical analysis through expository, analytical, and argumentative assignments. All students taking this course must take the AP English Language and Composition exam in the spring at cost of about \$90. Depending on how well students score on the AP exam, colleges and universities may award them college credit for this course. This course is recommended for highly motivated students and those students desiring admission into the UC and CSU systems.

Prerequisite: Students must read and write at or above grade level and complete the AP summer reading. Teacher recommendation may be necessary.

AP English Lang & Comp 2 **ENG225**

Grades: 11 - 12 College Prep: Yes Credit: 5.000

College level UC approved "b" course, students will read and critically analyze 17th - 21st century American literature. Students will demonstrate and develop their reading comprehension and critical analysis through expository, analytical, and argumentative assignments. All students taking this course must take the AP English Language and Composition exam in the spring at cost of about \$90. Depending on how well students score on the AP exam, colleges and universities may award them college credit for this course. This course is recommended for highly motivated students and those students desiring admission into the UC and CSU systems.

Prerequisite: Students must read and write at or above grade level and complete the AP summer reading. Teacher recommendation may be necessary.

AP English Lit & Comp 1 **ENG222**

Grades: 11 - 12 College Prep: Yes Credit: 5.000

College level UC approved "b" course, students will read and critically analyze college-level prose, poetry, and drama from the 16th - 21st century. Students will demonstrate and develop their reading comprehension and critical analysis through expository, analytical, argumentative, and creative writing assignments. All students taking this course must take the AP English Literature and Composition exam in the spring at a cost of about \$90. Depending on how well students score on the AP exam, colleges and universities may award them college credit for this course. This course is recommended for highly motivated students and those students desiring admission into the UC and CSU systems.

Prerequisite: Students must read and write at or above grade level. Students must complete an AP summer reading project. A teacher recommendation may be necessary.

AP English Lit & Comp 2 **ENG223**

Grades: 11 - 12 College Prep: Yes Credit: 5.000

College level UC approved "b" course, students will read and critically analyze college-level prose, poetry, and drama from the 16th - 21st century. Students will demonstrate and develop their reading comprehension and critical analysis through expository, analytical, argumentative, and creative writing assignments. All students taking this course must take the AP English Literature and Composition exam in the spring at a cost of about \$90. Depending on how well students score on the AP exam, colleges and universities may award them college credit for this course. This course is recommended for highly motivated students and those students desiring admission into the UC and CSU systems.

Prerequisite: Students must read and write at or above grade level. Students must complete an AP summer reading project. A teacher recommendation may be necessary.

AP Seminar-1 **ENG233**

Grades: 10 - 12 College Prep: Yes Credit: 5.000

AP Seminar is an interdisciplinary course that encourages students to demonstrate critical thinking, collaboration, and academic research skills on topics of the student's choosing. To accommodate the wide range of student topics, typical college course equivalents include interdisciplinary or general elective courses.

This UC-approved "b" course is recommended for highly motivated students, those students desiring admission into the UC and CSU system, and for those students wanting to take AP English Language their junior year.

AP Seminar-2 **ENG234**

Grades: 10 - 12 College Prep: Yes Credit: 5.000

AP Seminar is an interdisciplinary course that encourages students to demonstrate critical thinking, collaboration, and academic research skills on topics of the student's choosing. To accommodate the wide range of student topics, typical college course equivalents include interdisciplinary or general elective courses.

This UC-approved "b" course is recommended for highly motivated students, those students desiring admission into the UC and CSU system, and for those students wanting to take AP English Language their junior year.

CP English 1 **ENG202**

Grades: 09 - 12 College Prep: Yes Credit: 5.000

Entails a challenging range of reading, writing, and critical thinking. UC approved "b" course is recommended for most grade level freshmen as well as those students desiring admission into the UC or CSU system.

Prerequisite: Students must read and write at or above grade level. Students must complete the college prep level summer reading project.

CP English 2 **ENG203**

Grades: 09 - 12 College Prep: Yes Credit: 5.000

Entails a challenging range of reading, writing, and critical thinking. UC approved "b" course is recommended for most grade level freshmen as well as those students desiring admission into the UC or CSU system.

Prerequisite: Students must read and write at or above grade level. Students must complete the college prep level summer reading project.

CP English 3 **ENG208**

Grades: 10 - 12 College Prep: Yes Credit: 5.000

Entails a challenging range of reading, writing and critical thinking. This UC approved "b" course is recommended for most grade level sophomores as well as those students desiring admission into the UC or the CSU system.

Prerequisite: Students must read and write at or near grade level. Student must complete a college prep level summer reading project.

CP English 4 **ENG209**

Grades: 10 - 12 College Prep: Yes Credit: 5.000

Entails a challenging range of reading, writing and critical thinking. This UC approved "b" course is recommended for most grade level sophomores as well as those students desiring admission into the UC or the CSU system.

Prerequisite: Students must read and write at or near grade level. Student must complete a college prep level summer reading project.

CP English 5 **ENG214**

Grades: 11 - 12 College Prep: Yes Credit: 5.000

UC approved "b" course entails a challenging range of reading, writing, and critical thinking. American Literature serves as the literary focus of this course. This course is recommended for grade level juniors as well as those students desiring admission into the UC or CSU systems.

Prerequisite: Students must read and write at or above grade level and complete a college prep level summer reading project.



Liberty Charter High Course Catalog

Year: 2024-2025

Report: CRS201

Department: English

CP English 6 **ENG215**

Grades: 11 - 12 College Prep: Yes Credit: 5.000

UC approved "b" course entails a challenging range of reading, writing, and critical thinking. American Literature serves as the literary focus of this course. This course is recommended for grade level juniors as well as those students desiring admission into the UC or CSU systems.

Prerequisite: Students must read and write at or above grade level and complete a college prep level summer reading project.

CP English 7 **ENG220**

Grades: 12 College Prep: Yes Credit: 5.000

UC approved "b" course entails a challenging range of reading, writing and critical thinking. This course is recommended for most grade level seniors as well as those students desiring admission into the UC and CSU systems.

Prerequisite: Student must read and write at grade level. Students must complete a college prep level summer reading project.

CP English 8 **ENG221**

Grades: 12 College Prep: Yes Credit: 5.000

UC approved "b" course entails a challenging range of reading, writing and critical thinking. This course is recommended for most grade level seniors as well as those students desiring admission into the UC and CSU systems.

Prerequisite: Student must read and write at grade level. Students must complete a college prep level summer reading project.

Honors English 1 **ENG204**

Grades: 09 - 12 College Prep: Yes Credit: 5.000

Entails a very challenging range of reading and writing assignments that are longer, more numerous, and require higher levels of analysis than those of the college prep course. This UC approved "b" course is recommended for highly motivated students and those students desiring admission into either the UC or CSU system.

Prerequisite: Students must read and write at or above grade level. Students must complete an honors level summer reading project.

Honors English 2 **ENG205**

Grades: 09 - 12 College Prep: Yes Credit: 5.000

Entails a very challenging range of reading and writing assignments that are longer, more numerous, and require higher levels of analysis than those of the college prep course. This UC approved "b" course is recommended for highly motivated students and those students desiring admission into either the UC or CSU system.

Prerequisite: Students must read and write at or above grade level. Students must complete an honors level summer reading project.

Honors English 3 **ENG210**

Grades: 10 - 12 College Prep: Yes Credit: 5.000

Entails a very challenging range of reading and writing assignments that are longer, more numerous, and require higher levels of analysis than those of the college prep course and is the preparatory course for the AP English Language course taken during a student's junior year. This UC approved "b" course is recommended for highly motivated students, those students desiring admission into the UC and CSU system, and for those students wanting to take AP English Language their junior year.

Prerequisite: Students must read and write at or above grade level. Students must complete an honors level summer reading project.

Honors English 4 **ENG211**

Grades: 10 - 12 College Prep: Yes Credit: 5.000

Entails a very challenging range of reading and writing assignments that are longer, more numerous, and require higher levels of analysis than those of the college prep course and is the preparatory course for the AP English Language course taken during a student's junior year. This UC approved "b" course is recommended for highly motivated students, those students desiring admission into the UC and CSU system, and for those students wanting to take AP English Language their junior year.

Prerequisite: Students must read and write at or above grade level. Students must complete an honors level summer reading project.

Poetry & Creative Writing - 1 **ENG226**

Grades: 09 - 12 College Prep: Yes Credit: 5.000

Students will explore several different types of Poetry and prose styles, respond to literature, art mediums, quotes, and music, and examine both literary conventions as well as the writing techniques and tools essential to effective writing and editing. This course is taken for elective credit and is not UC approved.

Poetry & Creative Writing - 2 **ENG227**

Grades: 09 - 12 College Prep: Yes Credit: 5.000

Students will explore several different types of Poetry and prose styles, respond to literature, art mediums, quotes, and music, and examine both literary conventions as well as the writing techniques and tools essential to effective writing and editing. This course is taken for elective credit and is not UC approved.

Reading Comprehension - 1 **ACAD206**

Grades: 09 - 12 College Prep: No Credit: 5.000

Reading Comprehension - 2 **ACAD207**

Grades: 09 - 12 College Prep: No Credit: 5.000

Reading Fluency - 1 **ACAD200**

Grades: 09 - 12 College Prep: No Credit: 5.000

Reading Fluency - 2 **ACAD201**

Grades: 09 - 12 College Prep: No Credit: 5.000

Standard English 1 ELD **ENG200EL**

Grades: 09 - 12 College Prep: No Credit: 5.000

Standard English 2 ELD **ENG201EL**

Grades: 09 - 12 College Prep: No Credit: 5.000

Standard English 4 ELD **ENG207EL**

Grades: 10 - 12 College Prep: No Credit: 5.000

Writing - 1 **ACAD212**

Grades: 09 - 12 College Prep: No Credit: 5.000

Writing - 2 **ACAD213**

Grades: 09 - 12 College Prep: No Credit: 5.000

Speech **SPEECH1**

Grades: 09 - 12 College Prep: No Credit: 5.000



Department: Foreign Language

AP Spanish Language 1

SPAN206

Grades: 09 - 12 College Prep: Yes Credit: 5.000

In this UC approved "e" college level course, students will read, speak, and write in Spanish developing and demonstrating competencies across interactive, receptive, and productive forms of communication. All students taking this course must take the AP Spanish Language exam in the spring at a cost of about \$90. Depending on how well a student scores on the AP exam, colleges and universities may award them college credit for this course. This course is recommended for extremely motivated students and students desiring admission into the UC or CSU system. There is no foreign language requirement for admission into community colleges or for a LCHS general diploma. This course does meet the LCHS fine arts or elective graduation requirement.

Prerequisite: Students must have passed Spanish III with at least a 70%.

AP Spanish Language 2

SPAN207

Grades: 09 - 12 College Prep: Yes Credit: 5.000

In this UC approved "e" college level course, students will read, speak, and write in Spanish developing and demonstrating competencies across interactive, receptive, and productive forms of communication. All students taking this course must take the AP Spanish Language exam in the spring at a cost of about \$90. Depending on how well a student scores on the AP exam, colleges and universities may award them college credit for this course. This course is recommended for extremely motivated students and students desiring admission into the UC or CSU system. There is no foreign language requirement for admission into community colleges or for a LCHS general diploma. This course does meet the LCHS fine arts or elective graduation requirement.

Prerequisite: Students must have passed Spanish III with at least a 70%.

Spanish 1

SPAN200

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "e" course introduces students to the grammar, syntax, vocabulary, and speaking skills of the Spanish language. Students desiring admission into the UC and CSU system must pass at least two years of a foreign language but three to four years is recommended. There is no foreign language requirement for admission into community colleges or for a LCHS general diploma. This course does meet the LCHS fine arts graduation requirement.

Spanish 2

SPAN201

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "e" course introduces students to the grammar, syntax, vocabulary, and speaking skills of the Spanish language. Students desiring admission into the UC and CSU system must pass at least two years of a foreign language but three to four years is recommended. There is no foreign language requirement for admission into community colleges or for a LCHS general diploma. This course does meet the LCHS fine arts graduation requirement.

Spanish 3

SPAN202

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "e" course builds on the vocabulary, grammar, syntax, and speaking skills of Spanish I. Students who took Spanish I the previous year are encouraged to take Spanish II if they desire admission into the UC or CSU system. Students desiring admission into the UC or CSU system must pass at least two years of a foreign language but three to four years is recommended. There is no foreign language requirement for admission into community colleges or for a LCHS general diploma. This course does meet the LCHS fine arts or elective graduation requirement.

Prerequisite: Students must have passed Spanish I with at least a 70%.

Spanish 4

SPAN203

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "e" course builds on the vocabulary, grammar, syntax, and speaking skills of Spanish I. Students who took Spanish I the previous year are encouraged to take Spanish II if they desire admission into the UC or CSU system. Students desiring admission into the UC or CSU system must pass at least two years of a foreign language but three to four years is recommended. There is no foreign language requirement for admission into community colleges or for a LCHS general diploma. This course does meet the LCHS fine arts or elective graduation requirement.

Prerequisite: Students must have passed Spanish I with at least a 70%.

Spanish 5

SPAN204

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "e" course builds on the vocabulary, grammar, syntax, and speaking skills of Spanish II. Students who took Spanish II the previous year are encouraged to take Spanish III if they desire admission into the UC system. Students desiring admission into the UC or CSU system must pass at least two years of a foreign language but three to four years is recommended. There is no foreign language requirement for admission into community colleges or for a LCHS general diploma. This course does meet the LCHS fine arts or elective graduation requirement.

Prerequisite: Students must have passed Spanish II with at least a 70%.

Spanish 6

SPAN205

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "e" course builds on the vocabulary, grammar, syntax, and speaking skills of Spanish II. Students who took Spanish II the previous year are encouraged to take Spanish III if they desire admission into the UC system. Students desiring admission into the UC or CSU system must pass at least two years of a foreign language but three to four years is recommended. There is no foreign language requirement for admission into community colleges or for a LCHS general diploma. This course does meet the LCHS fine arts or elective graduation requirement.

Prerequisite: Students must have passed Spanish II with at least a 70%.



Liberty Charter High Course Catalog

Year: 2024-2025

Report: CRS201

Department: Industrial Arts/Vocational Education

Agriculture and Industrial Life Skills I - 1 VOC200

Grades: 09 - 12 College Prep: Yes Credit: 5.000

In this course, students will learn gardening, animal care, woodworking, plumbing, auto care, and electronics. This course is taken as elective credit.

Agriculture and Industrial Life Skills I - 2 VOC201

Grades: 09 - 12 College Prep: Yes Credit: 5.000

In this course, students will learn gardening, animal care, woodworking, plumbing, auto care, and electronics. This course is taken as elective credit.



Liberty Charter High Course Catalog

Year: 2024-2025

Report: CRS201

Department: Mathematics

AP Calculus AB 1

MATH224

Grades: 11 - 12 College Prep: Yes Credit: 5.000

This college level course addresses the topics of functions, graphing, limits, derivatives, and integrals across the themes of approximations, applications, modeling. All students are required to take the AP exam administered in the spring at a cost of \$90. Depending on their scores on the AP exam, students may earn college credit for this course. This UC approved "c" course is recommended for extremely motivated students who desire admission into the UC or CSU system.

Prerequisite: Students must complete honors pre-calculus. A teacher recommendation may also be required.

AP Calculus AB 2

MATH225

Grades: 11 - 12 College Prep: Yes Credit: 5.000

This college level course addresses the topics of functions, graphing, limits, derivatives, and integrals across the themes of approximations, applications, modeling. All students are required to take the AP exam administered in the spring at a cost of \$90. Depending on their scores on the AP exam, students may earn college credit for this course. This UC approved "c" course is recommended for extremely motivated students who desire admission into the UC or CSU system.

Prerequisite: Students must complete honors pre-calculus. A teacher recommendation may also be required.

CP Integrated Math I-1

MATH240

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "c" course blends the concepts of the traditional algebra and geometry courses and should be taken after Common Core 8th grade mathematics. This full year course meets in one module per day. This course is recommended for students at grade level in math.

CP Integrated Math I-2

MATH241

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "c" course blends the concepts of the traditional algebra and geometry courses and should be taken after Common Core 8th grade mathematics. This full year course meets in one module per day. This course is recommended for students at grade level in math.

CP Integrated Math II-1

MATH242

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "c" course blends the concepts of the traditional algebra and geometry courses and should be taken after completing Integrated Mathematics I. This full year course meets in one module per day. If a student has not completed Integrated Mathematics I, student would have to take it during our LCHS summer school to be eligible to take this course.

Prerequisite: Students must have passed the equivalent of an Integrated Math I course.

CP Integrated Math II-2

MATH243

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "c" course blends the concepts of the traditional algebra and geometry courses and should be taken after completing Integrated Mathematics I. This full year course meets in one module per day. If a student has not completed Integrated Mathematics I, student would have to take it during our LCHS summer school to be eligible to take this course.

Prerequisite: Students must have passed the equivalent of an Integrated Math I course.

CP Integrated Math III-1

MATH246

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "c" course blends the concepts of the traditional algebra, geometry, and trigonometry courses. This course is taken after completing Integrated Mathematics II.

Prerequisite: Students must complete the equivalent of Integrated Mathematics II course.

CP Integrated Math III-2

MATH247

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "c" course blends the concepts of the traditional algebra, geometry, and trigonometry courses. This course is taken after completing Integrated Mathematics II.

Prerequisite: Students must complete the equivalent of Integrated Mathematics II course.

Explorations in Data Analysis 1

MATH268

Grades: 11 - 12 College Prep: Yes Credit: 5.000

This UC approved "c" course is developed to help students better understand the data they see in the world around them. It is designed for the student that has passed Integrated Math II or higher and wants to take a math course focused on data analysis and statistics. This course does not meet the prerequisite for Pre-Calculus.

Prerequisite: Student passed an equivalent of Integrated Math II course.

Explorations in Data Analysis 2

MATH269

Grades: 11 - 12 College Prep: Yes Credit: 5.000

This UC approved "c" course is developed to help students better understand the data they see in the world around them. It is designed for the student that has passed Integrated Math II or higher and wants to take a math course focused on data analysis and statistics. This course does not meet the prerequisite for Pre-Calculus.

Prerequisite: Student passed an equivalent of Integrated Math II course.

Financial Literacy Mathematics -1

MATH266

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This is a UC approved "c" course. Financial Literacy Mathematics is an advance mathematics course designed for students who have completed a minimum of Integrated Math II and wish to continue their study of mathematics in a challenging, application-based course covering numerous financial topics. The course addresses college preparatory mathematics from Algebra, Statistics, Probability and Pre-calculus through several financial topics such as personal income, taxes, banking, home and car loans, stock/investing, insurance and retirement planning. Students will have multiple opportunities to use construct, question, model and interpret financial situations through algebraic, graphical, tabular and verbal representations, and create a portfolio for their financial well-being.

Financial Literacy Mathematics -2

MATH267

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This is a UC approved "c" course. Financial Literacy Mathematics is an advance mathematics course designed for students who have completed a minimum of Integrated Math II and wish to continue their study of mathematics in a challenging, application-based course covering numerous financial topics. The course addresses college preparatory mathematics from Algebra, Statistics, Probability and Pre-calculus through several financial topics such as personal income, taxes, banking, home and car loans, stock/investing, insurance and retirement planning. Students will have multiple opportunities to use construct, question, model and interpret financial situations through algebraic, graphical, tabular and verbal representations, and create a portfolio for their financial well-being.

Hon Integrated Math I - 1

MATH270

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC-approved "c" course blends the concepts of the traditional algebra and geometry courses at an accelerated pace and should be taken after Common Core 8th grade mathematics. This full-year course meets in one module per day. This course is recommended for students above grade level in math. This course is the first in a series that culminates with AP Calculus



Liberty Charter High Course Catalog

Year: 2024-2025

Report: CRS201

Department: Mathematics

Hon Integrated Math I - 2

MATH271

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC-approved "c" course blends the concepts of the traditional algebra and geometry courses at an accelerated pace and should be taken after Common Core 8th grade mathematics. This full-year course meets in one module per day. This course is recommended for students above grade level in math. This course is the first in a series that culminates with AP Calculus

Honors Integrated Math II-1

MATH244

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "c" course blends the concepts of the traditional algebra and geometry courses but moves at a faster pace and requires a higher level of analysis, problem solving, and critical thinking than the college prep level Mathematics II course. If a student has not completed Integrated Mathematics I, the student would have to take it during our LCHS summer school to be eligible to take this course.

Prerequisite: Student must have passed equivalent of an Integrated Math I course.

Honors Integrated Math II-2

MATH245

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "c" course blends the concepts of the traditional algebra and geometry courses but moves at a faster pace and requires a higher level of analysis, problem solving, and critical thinking than the college prep level Mathematics II course. If a student has not completed Integrated Mathematics I, the student would have to take it during our LCHS summer school to be eligible to take this course.

Prerequisite: Student must have passed equivalent of an Integrated Math I course.

Honors Integrated Math III-1

MATH248

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "c" course blends the concepts of the traditional algebra, geometry, and trigonometry courses, but moves at a faster pace and requires a higher level of analysis, problem solving, and critical thinking than the college prep level Integrated Mathematics III course.

Prerequisite: Students must have completed the equivalent of an Integrated Math II course.

Honors Integrated Math III-2

MATH249

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "c" course blends the concepts of the traditional algebra, geometry, and trigonometry courses, but moves at a faster pace and requires a higher level of analysis, problem solving, and critical thinking than the college prep level Integrated Mathematics III course.

Prerequisite: Students must have completed the equivalent of an Integrated Math II course.

Honors Pre-Calculus 1

MATH218

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This very challenging upper level math course introduces students to the concepts and skills required of calculus. This UC approved "c" course is recommended for extremely motivated students and students desiring admission into the UC or CSU system. This full year course is a prerequisite for AP calculus AB.

Prerequisite: Students must have completed the equivalent of an Integrated Mathematics III course. A teacher recommendation may also be required.

Honors Pre-Calculus 2

MATH219

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This very challenging upper level math course introduces students to the concepts and skills required of calculus. This UC approved "c" course is recommended for extremely motivated students and students desiring admission into the UC or CSU system. This full year course is a prerequisite for AP calculus AB.

Prerequisite: Students must have completed the equivalent of an Integrated Mathematics III. A teacher recommendation may also be required.

Integrated Math I Tutorial-1

MATH260

Grades: 09 - 12 College Prep: No Credit: 0.000

Non-credit course to accompany students taking Integrated Math I who need extra time to process math concepts than the single module Integrated Mathematics I course will allow. This full year course meets in one module a day to provide the extra support. This course is recommended for students below grade level, or who struggle in math.

Integrated Math I Tutorial-2

MATH261

Grades: 09 - 12 College Prep: No Credit: 0.000

Non-credit course to accompany students taking Integrated Math I who need extra time to process math concepts than the single module Integrated Mathematics I course will allow. This full year course meets in one module a day to provide the extra support. This course is recommended for students below grade level, or who struggle in math.

Integrated Math II Tutorial-1

MATH262

Grades: 09 - 12 College Prep: No Credit: 0.000

Non-credit course to accompany students taking Integrated Math II who need extra time to process math concepts than the single module Integrated Mathematics II course will allow. This full year course meets in one module a day to provide the extra support. Prerequisite: Students must have passed the equivalent of an Integrated Mathematics I course.

Integrated Math II Tutorial-2

MATH263

Grades: 09 - 12 College Prep: No Credit: 0.000

Non-credit course to accompany students taking Integrated Math II who need extra time to process math concepts than the single module Integrated Mathematics II course will allow. This full year course meets in one module a day to provide the extra support. Prerequisite: Students must have passed the equivalent of an Integrated Mathematics I course.

Math Literacy 1

MATH220

Grades: 09 - 12 College Prep: No Credit: 5.000

Math Literacy 2

MATH221

Grades: 09 - 12 College Prep: No Credit: 5.000

Standard Math Foundations 1

MATH200

Grades: 09 - 12 College Prep: No Credit: 5.000

Standard Math Foundations 2

MATH201

Grades: 09 - 12 College Prep: No Credit: 5.000

Standard Pre-Algebra 1

MATH202

Grades: 09 - 12 College Prep: No Credit: 5.000

Standard Pre-Algebra 2

MATH203

Grades: 09 - 12 College Prep: No Credit: 5.000



Liberty Charter High Course Catalog

Year: 2024-2025

Report: CRS201

Department: Physical Education

Physical Education 1 **PE200**

Grades: 09 - 12 College Prep: No Credit: 5.000

In this course, students develop their cardiovascular endurance, increase their strength, and improve their range of motion. PE credits earned beyond the graduation requirement of 20 serve as elective credits. Students can earn up to 40 PE credits toward graduation.

Physical Education 2 **PE201**

Grades: 09 - 12 College Prep: No Credit: 5.000

In this course, students develop their cardiovascular endurance, increase their strength, and improve their range of motion. PE credits earned beyond the graduation requirement of 20 serve as elective credits. Students can earn up to 40 PE credits toward graduation.



Liberty Charter High Course Catalog

Year: 2024-2025

Report: CRS201

Department: Life Science

AP Biology-1

SCI218

Grades: 11 - 12 College Prep: Yes Credit: 5.000

This UC approved "d" college level lab science course covers the processes of evolution, the growth, reproduction, and interaction of biological systems, and the storage, retrieval, and transmission of information. Students will solve scientific problems, use mathematics, reproductions, models, and data communicate scientific phenomena, question scientifically, and collect, analyze, and evaluate data. This course is recommended for highly motivated students, students desiring admission into the UC or CSU system, and meets the LCHS life science graduation requirement. All students are required to take the AP exam administered in the spring at a cost of about \$90. Depending on their scores on the AP exam, students may earn college credit for this course.

Prerequisite: Students must be reading and writing at least at a 9th grade level and must have completed at least the equivalent of Integrated Mathematics I with a B or better. This second year biology course and should only be taken by students who have also completed the equivalent of CP Biology.

AP Biology-2

SCI219

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "d" college level lab science course covers the processes of evolution, the growth, reproduction, and interaction of biological systems, and the storage, retrieval, and transmission of information. Students will solve scientific problems, use mathematics, reproductions, models, and data communicate scientific phenomena, question scientifically, and collect, analyze, and evaluate data. This course is recommended for highly motivated students, students desiring admission into the UC or CSU system, and meets the LCHS life science graduation requirement. All students are required to take the AP exam administered in the spring at a cost of about \$90. Depending on their scores on the AP exam, students may earn college credit for this course.

Prerequisite: Students must be reading and writing at least at a 9th grade level and must have completed at least the equivalent of Integrated Mathematics I with a B or better. This second year biology course and should only be taken by students who have also completed the equivalent of CP Biology.

CP Biology 1

SCI202

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "d" lab science course covers cell biology, genetics, ecology, an analysis of the theory of evolution, physiology, and the scientific method. This course is recommended for motivated students desiring admission into the UC and CSU system, and meets the LCHS life science graduation requirement.

Prerequisite: Students must be reading and writing at a 10th grade level. Pre/Co-Requisite: Students must have completed or be concurrently enrolled in the equivalent of Integrated Math I.

CP Biology 2

SCI203

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "d" lab science course covers cell biology, genetics, ecology, an analysis of the theory of evolution, physiology, and the scientific method. This course is recommended for motivated students desiring admission into the UC and CSU system, and meets the LCHS life science graduation requirement.

Prerequisite: Students must be reading and writing at a 10th grade level. Pre/Co-Requisite: Students must have completed or be concurrently enrolled in the equivalent of Integrated Math I.

Life Science - 1

SCI214

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "d" lab science course meets the LCHS life science graduation requirement. It covers less topics than biology and moves at a slower pace but does include labs. This course is recommended for students who struggle to read at grade level.

Prerequisite: Student must have completed or be concurrently enroll in the equivalent of Integrated Mathematics I.

Life Science - 2

SCI215

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "d" lab science course meets the LCHS life science graduation requirement. It covers less topics than biology and moves at a slower pace but does include labs. This course is recommended for students who struggle to read at grade level.

Prerequisite: Student must have completed or be concurrently enroll in the equivalent of Integrated Mathematics I.



Liberty Charter High Course Catalog

Year: 2024-2025

Report: CRS201

Department: Physical Science

AP Physics 1 - 1

SCI216

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This college level UC approved "d" lab science course covers mechanics, fluids, thermodynamics, waves, optics, electromagnetism, atomic physics, and nuclear physics. All students are required to take the AP exam administered in the spring for the cost of about \$90. Depending on their scores on the AP exam, students may earn college credit for this course. This course is recommended for highly motivated students, students desiring admission into the UC or CSU system, and meets the LCHS physical science graduation requirement.

Prerequisite: Student must have completed the equivalent of at least a full year of Integrated Mathematics III and be concurrently enrolled in at least college prep or honors Pre-Calculus. Concurrent enrollment in AP Calculus is highly recommended.

AP Physics 1 - 2

SCI217

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This college level UC approved "d" lab science course covers mechanics, fluids, thermodynamics, waves, optics, electromagnetism, atomic physics, and nuclear physics. All students are required to take the AP exam administered in the spring for the cost of about \$90. Depending on their scores on the AP exam, students may earn college credit for this course. This course is recommended for highly motivated students, students desiring admission into the UC or CSU system, and meets the LCHS physical science graduation requirement.

Prerequisite: Student must have completed the equivalent of at least a full year of Integrated Mathematics III and be concurrently enrolled in at least college prep or honors Pre-Calculus. Concurrent enrollment in AP Calculus is highly recommended.

Earth Science 1

SCI200

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "d" course meet the physical science LCHS graduation requirement and covers oceanography, astronomy, plate tectonics and geology. Meets the physical science requirement for admission to UC or CSU system.

Pre/Co-requisite: Completion of, or concurrent enrollment in, the equivalent of Integrated Mathematics I.

Earth Science 2

SCI201

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "d" course meet the physical science LCHS graduation requirement and covers oceanography, astronomy, plate tectonics and geology. Meets the physical science requirement for admission to UC or CSU system.

Pre/Co-requisite: Completion of, or concurrent enrollment in, the equivalent of Integrated Mathematics I.

Honors Chemistry 1

SCI208

Grades: 09 - 12 College Prep: Yes Credit: 5.000

The UC approved "d" course covers atomic and molecular structures, chemical bonds, the properties of gasses, acids, and bases, solutions, chemical thermodynamics, reaction rates, chemical equilibrium, organic and biochemistry, and nuclear processes. This course is recommended for highly motivated students, students desiring admission into the UC or CSU system, and meets the LCHS physical science graduation requirement.

Prerequisite: Completion or concurrent enrollment in Integrated Math III.

Honors Chemistry 2

SCI209

Grades: 09 - 12 College Prep: Yes Credit: 5.000

The UC approved "d" course covers atomic and molecular structures, chemical bonds, the properties of gasses, acids, and bases, solutions, chemical thermodynamics, reaction rates, chemical equilibrium, organic and biochemistry, and nuclear processes. This course is recommended for highly motivated students, students desiring admission into the UC or CSU system, and meets the LCHS physical science graduation requirement.

Prerequisite: Completion or concurrent enrollment in Integrated Math III.

Physical Science-1

SCI222

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "d" course covers the structure, properties, and interactions of matter, the way forces interact with matter, the transferal and conservation of energy, and the way waves transfer energy and send and store information. This course meets the LCHS physical science graduation requirement.

Prerequisite: Completion of, or concurrent enrollment in the equivalent of Integrated Mathematics I.

Physical Science-2

SCI223

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "d" course covers the structure, properties, and interactions of matter, the way forces interact with matter, the transferal and conservation of energy, and the way waves transfer energy and send and store information. This course meets the LCHS physical science graduation requirement.

Prerequisite: Completion of, or concurrent enrollment in the equivalent of Integrated Mathematics I.



Liberty Charter High Course Catalog

Year: 2024-2025

Report: CRS201

Department: Social Science

AP American Government 1 SS212

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This one semester UC approved "a" course is taught at the college level. It covers similar material as the college prep course but requires more readings in primary sources, more sophisticated analysis, and more extensive writing. All students are required to take the AP exam administered in the spring at the cost of about \$90. Depending on their scores on the AP exam, students may earn college credit for the course. This course meets the LCHS American Government graduation requirement.

AP American Government 2 SS213

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This one semester UC approved "a" course is taught at the college level. It covers similar material as the college prep course but requires more readings in primary sources, more sophisticated analysis, and more extensive writing. The work load is significantly more and requires taking the AP test in spring at the cost of about \$90. This course meets the LCHS American Government graduation requirement.

AP Human Geography - 2 SS219

Grades: 09 - 12 College Prep: Yes Credit: 5.000

In this UC approved "a" college level course, student systematically study patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. This course addresses topics such as population and migration, cultural patterns and processes, the political organization of space, agriculture and rural land use, cities, and urban land use. All students are required to take the AP exam administered in the spring at the cost of about \$90. Depending on their scores on the AP exam, students may earn college credit for the course. This course is recommended for highly motivated students desiring admission into the UC or CSU system, and meets the LCHS geography graduation requirement.

Prerequisite: Students must be reading and writing at least at a 9th grade level.

AP Human Geography -1 SS218

Grades: 09 - 12 College Prep: Yes Credit: 5.000

In this UC approved "a" college level course, student systematically study patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. This course addresses topics such as population and migration, cultural patterns and processes, the political organization of space, agriculture and rural land use, cities, and urban land use. All students are required to take the AP exam administered in the spring at the cost of about \$90. Depending on their scores on the AP exam, students may earn college credit for the course. This course is recommended for highly motivated students desiring admission into the UC or CSU system, and meets the LCHS geography graduation requirement.

Prerequisite: Students must be reading and writing at least at a 9th grade level.

AP US History 1 SS210

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "a" college level course addresses themes, concepts, processes, and events across the history of the United States. All students taking this course must take the AP US History exam in the spring. The fee for this exam is about \$90. Depending on their scores on the AP exam, students may earn college credit for this course. This course is recommended for extremely motivated students, students desiring admission into the UC or CSU system, and meets the LCHS US History graduation requirement.

Prerequisite: Students must have earned an A or B in World History and read and write above grade level.

AP US History 2 SS211

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "a" college level course addresses themes, concepts, processes, and events across the history of the United States. All students taking this course must take the AP US History exam in the spring. The fee for this exam is about \$90. Depending on their scores on the AP exam, students may earn college credit for this course. This course is recommended for extremely motivated students, students desiring admission into the UC or CSU system, and meets the LCHS US History graduation requirement.

Prerequisite: Students must have earned an A or B in World History and read and write above grade level.

AP World History 1 SS206

Grades: 10 - 12 College Prep: Yes Credit: 5.000

This is a college level UC approved "a" course that addresses themes and concepts from 1200 c.e. to the present through a global perspective. This course requires independent course work and AP exam test preparation. All students taking this course must take the AP World History exam in the spring at a cost of about \$90. Depending on how well students score on the AP exam, colleges and universities may award them college credit for this course. This course is recommended for extremely motivated students desiring admission into the UC or CSU system, and meets the LCHS world history graduation requirement.

Prerequisite: Students must read and write above grade level and may need a teacher recommendation.

AP World History 2 SS207

Grades: 10 - 12 College Prep: Yes Credit: 5.000

This is a college level UC approved "a" course that addresses themes and concepts from 1200 c.e. to the present through a global perspective. This course requires independent course work and AP exam test preparation. All students taking this course must take the AP World History exam in the spring at a cost of about \$90. Depending on how well students score on the AP exam, colleges and universities may award them college credit for this course. This course is recommended for extremely motivated students desiring admission into the UC or CSU system, and meets the LCHS world history graduation requirement.

Prerequisite: Students must read and write above grade level and may need a teacher recommendation.

CP American Government SS215

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "a" course covers the fundamental principals and moral values of American democracy, the relationship between the rights and obligations of democratic citizens, the fundamental values and principles of civil society, the roles and responsibilities of the three branches of the US federal government, landmark US Supreme Court decision, elections, federalism, media, rival forms of government, and the tensions between majority rule and individual right, liberty and equality, state and national authority, civil disobedience and the rule of law, freedom of the press and the right fair trial, and religion and government. This course meets the LCHS American Government graduation requirement.

CP Economics SS214

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "a" course covers common economic terms such as scarcity, opportunity costs, market economy, incentives, and private property, the elements of the American market economy in a global setting, the influence of the federal government on the American economy, the elements of the American labor market in a global setting, the aggregate activity of the American economy, and the relationship between international trade and the American economy. This course meets the LCHS Economics graduation requirement.



Liberty Charter High Course Catalog

Year: 2024-2025

Report: CRS201

Department: Social Science

CP US History 1 SS208

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "a" course addresses similar themes and concepts as the AP US History course but uses a high school level textbook and offers more structured reading and writing support. This course is recommended for all 11th grade students whether they desire entrance into the workforce or admission into the UC or CSU system and meets the LCHS US History graduation requirement.

Prerequisite: Students must be reading and writing at a beginning 11th grade level.

CP US History 2 SS209

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "a" course addresses similar themes and concepts as the AP US History course but uses a high school level textbook and offers more structured reading and writing support. This course is recommended for all 11th grade students whether they desire entrance into the workforce or admission into the UC or CSU system and meets the LCHS US History graduation requirement.

Prerequisite: Students must be reading and writing at a beginning 11th grade level.

CP World Geography 1 SS200

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "a" one semester course analyzes the interconnectivity between humans and the environment across all regions of the contemporary world. Students will learn about issues such as urban sprawl, spatial inequality, supra-national cooperation, conflict over natural resources, extreme weather, immigration patterns, population trends, and climate change. This course meets the LCHS geography graduation requirement.

Prerequisite: Students must read and write at a beginning 9th grade level.

CP World Geography 1 ELD SS200ELD

Grades: 09 - 12 College Prep: No Credit: 5.000

CP World Geography 2 SS201

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "a" one semester course analyzes the interconnectivity between humans and the environment across all regions of the contemporary world. Students will learn about issues such as urban sprawl, spatial inequality, supra-national cooperation, conflict over natural resources, extreme weather, immigration patterns, population trends, and climate change. This course meets the LCHS geography graduation requirement.

Prerequisite: Students must read and write at a beginning 9th grade level.

CP World Geography 2 ELD SS201ELD

Grades: 09 - 12 College Prep: No Credit: 5.000

CP World History 1 SS202

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "a" course addresses themes and concepts from 1200 c.e. to the present through a global perspective., time periods, and concepts as the AP course but uses a high school level textbook and offers more structured reading and writing support than the AP course. This course is recommended for all students whether they desire entrance into the workforce or admission into the UC or CSU system and meets the LCHS World History graduation requirement.

Prerequisite: Students must be reading and writing at a beginning 10th grade level.

CP World History 2 SS203

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This UC approved "a" course addresses themes and concepts from 1200 c.e. to the present through a global perspective., time periods, and concepts as the AP course but uses a high school level textbook and offers more structured reading and writing support than the AP course. This course is recommended for all students whether they desire entrance into the workforce or admission into the UC or CSU system and meets the LCHS World History graduation requirement.

Prerequisite: Students must be reading and writing at a beginning 10th grade level.



Liberty Charter High Course Catalog

Year: 2024-2025

Report: CRS201

Department: Trade and Technical

Engineering Essentials-1 **PLTW100**

Grades: 09 - 12 College Prep: Yes Credit: 5.000

The UC approved "d" course explores how engineers make a difference and improve lives, while using modern engineering tools, such as geographic information systems, 3-D solid modeling software, and prototyping equipment. Work on your own and as part of a team to develop solutions to community and global challenges that the next generation of engineers will face. This course is recommended for motivated students desiring admission into the UC and CSU system and meets the LCHS physical science graduation requirement.

Engineering Essentials-2 **PLTW101**

Grades: 09 - 12 College Prep: Yes Credit: 5.000

The UC approved "d" course explores how engineers make a difference and improve lives, while using modern engineering tools, such as geographic information systems, 3-D solid modeling software, and prototyping equipment. Work on your own and as part of a team to develop solutions to community and global challenges that the next generation of engineers will face. This course is recommended for motivated students desiring admission into the UC and CSU system and meets the LCHS physical science graduation requirement.



Liberty Charter High Course Catalog

Year: 2024-2025

Report: CRS201

Department: Industrial Arts/Vocational Education

AP Computer Science A-1 **TECH208**

Grades: 09 - 12 College Prep: Yes Credit: 5.000

In this UC approved "d" college level course, students learn Java programming, problems solving, design structures and methodologies, algorithms, and the social and ethical implications of programming. All students taking this course must take the AP test in the spring. The fee for this exam is about \$90. Depending on their scores on the AP exam, students may earn college credit for this course. This course meets the LCHS Technology graduation requirement, elective credit, and admission into the UC or CSU system.

Prerequisites: Students must have completed AP Computer Science Principles or upon teacher recommendation.

AP Computer Science A-2 **TECH209**

Grades: 09 - 12 College Prep: Yes Credit: 5.000

In this UC approved "d" college level course, students learn Java programming, problems solving, design structures and methodologies, algorithms, and the social and ethical implications of programming. All students taking this course must take the AP test in the spring. The fee for this exam is about \$90. Depending on their scores on the AP exam, students may earn college credit for this course. This course meets the LCHS Technology graduation requirement, elective credit, and admission into the UC or CSU system.

AP Computer Science Principles-1 **TECH210**

Grades: 09 - 12 College Prep: Yes Credit: 5.000

In this UC approved "d" course, students learn basic Java Programming, problem solving, design structures and methodologies, algorithms, and the social and ethical implications of programming. All students taking this course must take the AP Computer Science Principles exam in the spring. The fee for this exam is about \$90. Depending on their scores on the AP exam, students may earn college credit for this course. This course meets the LCHS Technology or election graduation requirement, as well as a 3rd-year physical science UC A-G requirement.

Prerequisites: Student must have completed at least Integrated Mathematics I or IA & IB, and be reading and writing at least at a 9th grade level.

AP Computer Science Principles-2 **TECH211**

Grades: 09 - 12 College Prep: Yes Credit: 5.000

In this UC approved "d" course, students learn basic Java Programming, problem solving, design structures and methodologies, algorithms, and the social and ethical implications of programming. All students taking this course must take the AP Computer Science Principles exam in the spring. The fee for this exam is about \$90. Depending on their scores on the AP exam, students may earn college credit for this course. This course meets the LCHS Technology or election graduation requirement, as well as a 3rd-year physical science UC A-G requirement.

Prerequisites: Student must have completed at least Integrated Mathematics I or IA & IB, and be reading and writing at least at a 9th grade level.

Home and Career Life Skills - 1 **VOC202**

Grades: 09 - 12 College Prep: Yes Credit: 5.000

In this course, students will learn sewing, cooking, nutrition and interview skills. This course is taken as elective credit.

Home and Career Life Skills - 2 **VOC203**

Grades: 09 - 12 College Prep: Yes Credit: 5.000

In this course, students will learn sewing, cooking, nutrition and interview skills. This course is taken as elective credit.

Peer Counseling 1 **VOC246**

Grades: 09 - 12 College Prep: Yes Credit: 5.000

In this course, students will explore several different methods in assisting peers through peer counseling practices. Students must apply and seek information from LCHS Counselor, Dr. Harrell. This course is taken for elective credit and is not UC approved.

Peer Counseling 2 **VOC247**

Grades: 09 - 12 College Prep: Yes Credit: 5.000

In this course, students will explore several different methods in assisting peers through peer counseling practices. Students must apply and seek information from LCHS Counselor, Dr. Harrell. This course is taken for elective credit and is not UC approved.

Student Government - 1 **VOC204**

Grades: 09 - 12 College Prep: No Credit: 5.000

Student Government - 2 **VOC205**

Grades: 09 - 12 College Prep: No Credit: 5.000

Technology I - 1 **TECH200**

Grades: 09 - 12 College Prep: No Credit: 5.000

This one semester course develops skills in web design, internet use, Microsoft Word, Excel, and PowerPoint, as well as digital animation, coding, and movie creation. This course meets the LCHS Technology graduation requirement.

Technology I - 2 **TECH201**

Grades: 09 - 12 College Prep: Yes Credit: 5.000

This one semester course develops skills in web design, internet use, Microsoft Word, Excel, and PowerPoint, as well as digital animation, coding, and movie creation. This course meets the LCHS Technology graduation requirement.

Yearbook 1 **TECH204**

Grades: 09 - 12 College Prep: No Credit: 5.000

Yearbook 2 **TECH205**

Grades: 09 - 12 College Prep: No Credit: 5.000



Liberty Charter High Course Catalog

Year: 2024-2025

Report: CRS201

Department: Non Departmentalized - Not used in some GPA calculations)

Leadership 8001

Grades: 09 - 12 College Prep: No Credit: 0.000

Senior Exhibition 1 SSS205

Grades: 12 College Prep: No Credit: 5.000

This course, required for all seniors, provides students with structure and support in order to complete the culminating high school project required to graduate. The project includes original research, a research paper, volunteer hours, and a formal presentation judged by community members.

Senior Exhibition 2 SSS206

Grades: 12 College Prep: No Credit: 5.000

This course, required for all seniors, provides students with structure and support in order to complete the culminating high school project required to graduate. The project includes original research, a research paper, volunteer hours, and a formal presentation judged by community members.

Student Study Skills 1 SSS201

Grades: 09 - 12 College Prep: No Credit: 0.000

This course provides students additional time during the day for homework completion, tutoring, and computer access. All seniors are assigned Senior Exhibition during module 7, the typical time for study skills. By choosing this course, a senior would be assigned one study skills class as they are not automatically assigned to a study skills course as they have been as underclassmen.

Student Study Skills 2 SSS202

Grades: 09 - 12 College Prep: No Credit: 0.000

This course provides students additional time during the day for homework completion, tutoring, and computer access. All seniors are assigned Senior Exhibition during module 7, the typical time for study skills. By choosing this course, a senior would be assigned one study skills class as they are not automatically assigned to a study skills course as they have been as underclassmen.

Teacher's Aide TA101

Grades: 09 - 12 College Prep: No Credit: 5.000

Teacher's Aide 1 TA200

Grades: 09 - 12 College Prep: No Credit: 2.500

Teacher's Aide 2 TA201

Grades: 09 - 12 College Prep: No Credit: 2.500