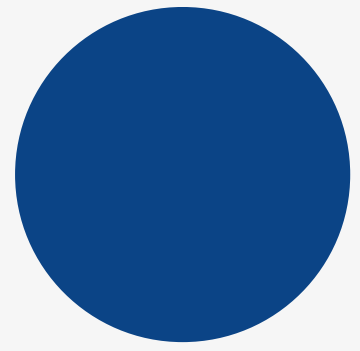
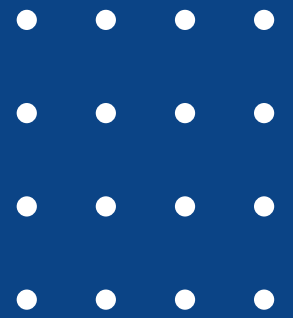


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Leavenworth  
Pioneers



Freshman  
Options

# Suggested Advanced Sequence

\*\*College-bound students and student athletes wanting to meet NCAA eligibility should consider taking four years of English, Social Studies, Science, and Math, as well as two years of a world language.\*\*

## English

- Freshman Honors English (9th)
- Sophomore Honors English (10th)
- AP Language & Composition (11th)
- AP Literature & Composition or English Composition I/II (12th)

## History

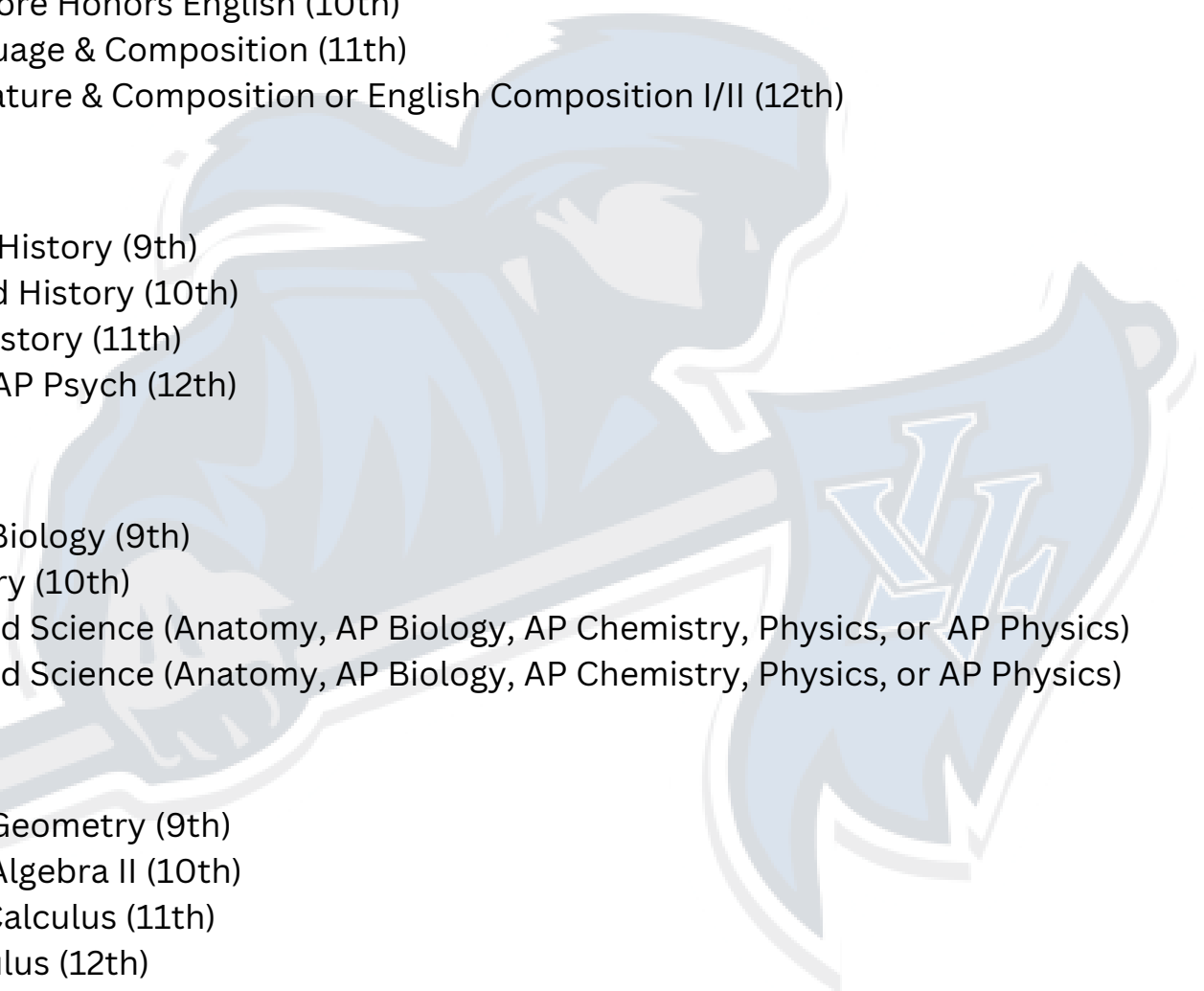
- AP Euro History (9th)
- AP World History (10th)
- AP US History (11th)
- AP Gov/AP Psych (12th)

## Science

- Honors Biology (9th)
- Chemistry (10th)
- Advanced Science (Anatomy, AP Biology, AP Chemistry, Physics, or AP Physics)
- Advanced Science (Anatomy, AP Biology, AP Chemistry, Physics, or AP Physics)

## Math

- Honors Geometry (9th)
- Honors Algebra II (10th)
- AP Pre-Calculus (11th)
- AP Calculus (12th)



# Freshman Options

## Required Courses

### English

- **Freshman English** [EN105](#)

- Freshman English is designed in part to prepare students for mastery of state standards and admission to a university. This course includes the study of: literature, composition, the writing process, vocabulary, grammar, and other communication skills through lecture, oral and independent reading, cooperative learning, presentations and other assessments. Students will write narrative, persuasive, expository, and descriptive texts. Students will be assessed through unit tests and semester summative assessments.

- **Freshman Honors English** [EN155](#)

- **Prerequisite: A or B student overall, instructor consent, and/or screener test**
- Freshman Honors English is designed to prepare students for mastery of state standards and admission to a university. This course is distinguished from Freshman English by the instructional pacing and the delivery of advanced content. Students should carefully consider the extra time needed for this challenging course. Students will explore advanced language and composition including expository writing, literary and rhetorical analysis, and research techniques. MLA format is required for this class. Independent reading and research will be required. Oral presentations and alternate assessments will be frequent. Passing both semesters of a Freshman English course is required for graduation. (The instructional pacing and delivery of advanced content requires an additional time commitment for this challenging course.)

### Mathematics

(Determined by your current math instructor)

- **Algebra Essentials** [MA118](#)

- Students will be placed in this course based on teacher recommendation. Students will deepen and extend their understanding of linear and exponential relationships. Students engage in methods for analyzing, solving, and using linear and quadratic functions. Critical areas include modeling situations using expressions, equations and inequalities; analyzing and explaining the process of solving an equation or inequality; exploring various ways of representing functions that involve exponents and roots, performing operations on and simplifying polynomials. (This class does not fulfill the Regents Qualified Admissions/NCAA requirements. It does meet the math requirement for graduation.)

- **Algebra I** [MA125](#)

- Students will deepen and extend their understanding of linear and exponential relationships. Students engage in methods for analyzing, solving, and using linear and quadratic functions. Critical areas include modeling situations using expressions, equations and inequalities; analyzing and explaining the process of solving an equation or inequality; exploring various ways of representing functions that involve exponents and roots, performing operations on and simplifying polynomials.

- **Geometry** [MA235](#)

- **Prerequisite: Algebra I**
- In this course, students develop inductive and deductive reasoning skills. The goal of this course is to extend and formalize students' geometric experiences by exploring more complex geometric situations and to improve their explanations of geometric relationships, moving toward formal mathematical arguments. Critical areas include geometric vocabulary, transformations, triangle congruence, similarity, and geometric relationships such as right triangle trigonometry; properties of special triangles and quadrilaterals; and theorems involving circles, segments, and angles.

- **Honors Geometry** [MA240](#)

- **Prerequisite: B or better in Algebra I**
- This course covers the topics in the Geometry course in greater depth, and adds 3-D views and cross-sections of solids, geometric probability, and coordinates in 3-D. Emphasis is given to theory underlying mathematical concepts and more challenging problems are included. The course is designed for students who possess a high interest in mathematics and plan to enroll in advanced mathematics courses. We are developing the skills needed to be successful in AP or college mathematics courses, so students can expect homework assignments to require work outside of class time after every class.

### Science

- **Biology** [SC201](#)

- Biology I is a course that will challenge students to explore how to solve problems using the scientific method. The state of Kansas life science content will be addressed. The student will study all biological processes and how they relate to the environment. Working with laboratory procedures, and collecting and analyzing data will be emphasized. Relationships between the sciences of chemistry, physics, and biology will be established.

- **Honors Biology** [SC211](#)

- **Prerequisite: A or B student overall or instructor consent**
- Honors Biology will cover the same subject matter as Biology as well as additional topics, and include more details. Emphasis is given to the development of scientific skills, including developing and using models, obtaining, evaluating, and communicating information, and constructing explanations and designing solutions. This course is for those students who possess either a high interest or ability in science and have taken/are taking geometry or have instructor approval.

# Freshman Options

## Social Studies

One of the following courses must be taken in either 9th or 10th grade:

- **World History [SS205](#)**
  - The World History course covers significant global developments from prehistoric cultures to the twentieth century nations. Placed within geographic context, students will analyze cultures through the study of their economic, political, social, religious, and technological achievements. Students will be expected to work independently and in small group settings; conduct research; give oral presentations; complete written assignments; and develop their critical thinking skills. With early World History as a background, emphasis will be placed on the 1400s to the present.
- **AP European History [SS505](#)**
  - **Prerequisite: A student overall or AP instructor consent**
  - **Four years of advanced social studies courses recommended if student is college-bound; recommend taking prior to AP World History**
  - This course studies the significant social, economic, and political movements and events in Europe during the period 1200-1990. Students will study the dynamics of continuity and change, the links between the past and the present, the importance of historical literacy, and the use of history as a form of critical thinking. Advanced Placement classes are college-level courses, which prepares students to take the AP exam in the spring. Students enrolling in this course are strongly encouraged to take the Advanced Placement European History exam which provides the opportunity to earn college credit.

## Physical Education

(All freshmen take one semester of PE and one semester of Health.)

- **Health (Boys) (semester) [PE116](#)**
- **Health (Girls) (semester) [PE117](#)**
- **Lifetime Fitness & Wellness (semester) [PE201](#)**
  - This course is designed for students who would like to learn how to stay fit after high school. Students will learn the importance of staying active and how to avoid a sedentary lifestyle because obesity is an American epidemic. Activities will include: aerobics, weight lifting, short and long-distance running, cardiovascular equipment, strength bands, exercise balls, core strength, upper and lower body strength, circuit training, etc.
- **Walking for Fitness (semester) [PE203](#)**
  - Walking for Fitness is designed to stress the importance of cardiovascular, muscular, and mental fitness development for maintaining a healthy lifestyle which will include the State and National components of fitness. The course is appropriate for students of varying fitness abilities and to acquire the knowledge, skills, and attitudes necessary for physical fitness through participation in a carefully monitored walking program. A variety of instructional information and teaching strategies adaptable for classroom use is also provided. Course assignments encourage participants to integrate specific national standards and state standards for physical education. Objectives for each lesson are modeled around standards-based learning as identified by the Kansas State Department of Education. Personal fitness and nutrition assessments will guide students to design programs to meet their individual fitness goals.
- **Racket & Individual Sports (semester) [PE211](#)**
  - Racquet and Individual Sports will target students who prefer individual sports to team sports. Activities may include lifelong sports, such as badminton, tennis, golf/ Frisbee Golf, archery, pickleball, horseshoes, orienteering, bowling, and ping pong.
- **Team Sports (semester) [PE221](#)**
  - Team Sports is offered for those students who enjoy participating on a team. This class focuses on teamwork, strategy, problem solving, rules of the game, and etiquette. Activities may include volleyball, basketball, softball, flag football, soccer, team handball, speedball, Ultimate Frisbee, and hockey.
- **Sports Conditioning (semester) [PE241](#)**
  - **Prerequisite: Life Fit & Well -OR- participation in a sport, cheerleading, JROTC Raiders, or powerlifting team**
  - This course emphasizes aspects of fitness that relate to improving athletic performance for highly motivated students. Improvement in speed, power, and strength will be a priority. Use of free weights and explosive Olympic-style lifting will be employed. Reducing the risk of athletic injury will also be emphasized. Participation in after-school workouts (for out-of-season students) will be expected.

# Freshman Options

## Electives

**\*\*You have room for two year-long electives. If you choose to take semester classes, you must choose two semester classes to fill one year-long spot.**

**\*\*\*Scholastic Eligibility: To participate in a LHS activity (band, choir, debate, or forensics), team or group, each participant must have satisfied all the scholastic eligibility requirements prior to participation. KSHSAA requires that all students have passed at least five new subjects (those not previously passed the last semester.) They also must be enrolled in at least five new subjects (those not previously passed) or unit weight this coming semester. Office helpers and teacher helpers are not credit courses.**

## Fine Arts

- **Intro to Two Dimensional Art (semester) [FA102](#)**
  - This course introduces students to two dimensional media and methods used to produce art, i.e. drawing, painting, and printmaking. Emphasis will be given to the elements and principles of design as they apply to the two dimensional format. Students will create a foundation of artistic thinking and problem-solving.
- **Intro to Three Dimensional Art (semester) [FA103](#)**
  - This course introduces students to three dimensional media and methods used to produce art, i.e. sculpture, ceramics, and installation work. Emphasis will be given to the elements and principles of design as they apply to the three dimensional format. Students will create a foundation of artistic thinking and problem-solving.
- **Acting I (semester) [FA111](#)**
  - This active course is an introduction to the art of acting. Students will be exposed to a variety of theater based activities that will promote both confidence, self-awareness, and collaboration with peers. Units will be taught on: creative drama, monologue, duet scene, history of drama, stage terminology, and more!
- **Forensics (2nd semester) [FA121](#)**
  - **Prerequisite: \*\*\*Must be KSHSAA eligible (see above)**
  - Interscholastic competition is a part of this course. Individual preparation of various phases of speech and drama work is required. The goal of the course is to develop skills in acting; enhance presentation skills, research skills, organization, public speaking skills, and build self-confidence. There will be some emphasis on dramatic interpretation of duet acting, prose, poetry, and improvisation. Students must attend at least two Saturday tournaments.
- **Mixed Choir (semester) [FA131](#)**
  - **Prerequisite: B or better in previous semester AND instructor consent if enrolling in additional semesters**
  - The aim of this course is to stress proper techniques, vocal score interpretation, and performance disciplines. The course is designed to familiarize the student with performance in a choral setting. Emphasis is placed on choral reading skills, part-singing, and musical interpretation.
- **Mixed Choir - Concert Choir (year) [FA231](#)**
  - **Prerequisite: Audition only; \*\*\*Must be KSHSAA eligible (see above)**
  - The aim of this course is to stress proper techniques, vocal score interpretation, and performance disciplines. The course is designed to familiarize the student with performance in a choral setting. Emphasis is placed on choral reading skills, part-singing, and musical interpretation. The Mixed Choir performs in a minimum of two concerts each year. Attendance is required at performances.
- **Senior High Band [FA141](#)**
  - **Prerequisite: \*\*\*Must be KSHSAA eligible (see above)**
  - First semester is Marching Band, which is a performance-oriented course that allows students to study music and movement. The band supports the football team through performances at home football games and the community in local parades. Students also have the opportunity to perform at several marching competitions. After marching season is complete, marching band students will give one concert as a Concert Band and students will perform at first semester basketball games. Attendance at all performances is mandatory and is an important factor in grading. Second semester Concert Band is a performance-oriented course that allows students to study music in several capacities. Included are pep band, solos, and large and small ensembles. Students will be asked to perform at basketball games during the second semester, and band concerts and festivals. Attendance at all performances is mandatory and is an important factor in grading.
- **Music Appreciation (semester) [FA251](#)**
  - Music Appreciation is the study of the history and literature of music. Great composers and their music are studied; musical styles of the past and present are examined. This course is highly recommended for students planning to pursue a career in music.
- **Digital Media Technology (semester) [FA272](#)**
  - **Prerequisite: C or better in Intro to Web & Digital Media**
  - Digital Media Technology teaches the technical skills needed to work with electronic media. Topics include the study of typography, photography, color theory, podcasting and design principles. Students will create multimedia projects while learning workflow, time management and essential communication skills. (This class is a prerequisite for Media Design & Production (Yearbook).)

# Freshman Options

## Communication

- **Argumentation & Debate (semester) [LA112](#)**
  - Prerequisite: \*\*\*Must be KSHSAA eligible (see above)
  - Argumentation & Debate develops communication skills, critical thinking, and the ability to serve as an advocate in a democratic society. Students research a topic and will learn the processes of creating an effective argument for and against a resolution. Students will learn in-depth critical thinking. This class will prepare students for competitive debate. Some aspects of the class include independent research to prepare debate arguments. (This course does NOT satisfy an English credit. Satisfies one half Language Arts credit or Communications credit.)
- **Speech (semester) [LA121](#)**
  - This course is designed to offer the novice speaker a number of opportunities to organize and prepare public speaking assignments. Students will have the opportunity to speak one on one, to themselves (intrapersonal Communication), and to a live audience. Students will learn about the important role of Communication in our lives, the communication model, spatial relationships, delivery styles, interviewing styles, and the effectiveness of language, gestures, and organization techniques. (This course does NOT satisfy an English credit. Satisfies one half Language Arts credit or Communications credit.)
- **Journalism & Media Communications (semester) [FA261](#)**
  - Prerequisite: B or better in prior year ELA course
  - Journalism & Media Communications is a technical level course in journalism. Topics include the study of communications and media, interviewing, writing, and storytelling using the Associated Press style. Students also study ethical and legal issues related to mass media. Students will research topics, interview peers and staff, and write news and feature stories. (This class is a prerequisite for Media Design & Production (Yearbook). Satisfies the Communications graduation requirement.)
- **Media & Public Relations (semester) [FA285](#)**
  - Prerequisite: B or better in prior year ELA course
  - Media & Public Relations builds skills needed to communicate messages to the public through advertising and public relations activities. Topics will include conflict awareness, reliability of sources, creating publicity materials, advertising and public relations campaigns and working with the media on behalf of clients. (Satisfies the Communications graduation requirement.)

## Practical Arts

- **Business Essentials (semester) [BU103](#)**
  - This introductory semester-long course introduces students to the world of business and helps set a foundation for high school, college, and career. The study skills aspect of the course covers organization, time management, improving reading for comprehension, note-taking skills, and more. The business units help students acquire sound values and acceptable attitudes regarding their personal lives and on-the-job success. Students will be engaged in teamwork, presentations, computer-related activities, and current events while learning the following topics: today's economy, business ownership, career exploration, getting and keeping a job, how to be a wise consumer, managing money, understanding banking and credit, and types of insurance. The knowledge obtained in this class is practiced and reinforced throughout the course and is transferable to other courses as well as everyday life. (This course was primarily designed for freshman and sophomore students interested in future business pathway courses).
- **Introduction to Web & Digital Media (semester) [TE105A](#)**
  - This introductory level class covers essential skills in digital communication, content creation, web development, and design. Key competencies include composing professional emails, analyzing social media trends, creating digital content, evaluating content quality, and citing sources. Students also learn HTML, CSS, and JavaScript for web development, applying UX design principles to create responsive websites. Additionally, graphic design fundamentals are covered, focusing on visual identity and optimizing web graphics.
- **Graphic Design [CT222](#)**
  - Prerequisite: B or better in Intro to Web & Digital Media or teacher recommendation from 8th grade technology teacher
  - Graphic Design courses emphasize design elements and principles in the purposeful arrangement of images and text to communicate a message. They focus on creating art products such as advertisements, product designs, and identity symbols. Graphic Design courses may investigate the computer's influence on and role in creating contemporary designs and provide a cultural and historical study of master design works of different periods and styles.
- **Introduction to Family & Consumer Sciences (semester) [FC103](#)**
  - This course is an orientation to the Family and Consumer Sciences pathways. Its purpose is to introduce students to the many current subject areas, issues, trends, and careers in food preparation, sanitation and nutrition, interpersonal relationships, child care and development, managing money and personal resources, housing and furnishings, and hand/machine sewing and clothing choices. Students will also take part in many activities that will involve cooperative learning, hands-on projects, and lab experiences.
- **Culinary Essentials (semester) [FC223](#)**
  - Prerequisite: C or better in Intro to FACS, 9<sup>th</sup> graders may enroll second semester OR with recommendation from MS teacher
  - Culinary Essentials introduces students to basic culinary skills, food safety and sanitation, nutrition concepts, food preparation, presentation, meal planning and career opportunities. Students will learn through lab activities and classroom instruction. This class is a prerequisite for Culinary Arts I.

# Freshman Options

- **Introduction to Engineering [TE106](#)**

- An Introductory level course designed to introduce students to concepts in Engineering with a focus on Science, Technology, Engineering, & Math; including units on safety and tools, computer use, design, automation, robotics, space, flight, and electricity.

- **Drafting/CAD [TE202](#)**

- **Prerequisite:** Algebra I
- This course is highly recommended for any student interested in the fields of mechanical and architectural drafting or engineering. Drafting/CAD is designed to introduce the student to basic drafting skills and knowledge needed to function in a technical field. The course includes: sketching, multiview, isometric, oblique, dimensioning, and geometric construction. In keeping pace with new technology, each student will spend a large percentage of time using CAD (Computer-Aided Design) programs such as AutoCAD, Inventor, SolidWorks and more

- **AVID 9 [CP100](#)**

- **Prerequisite:** Apply/interview, instructor consent
- AVID 9 develops learning, study and academic behavioral skills that are essential to success in rigorous coursework. It acts as a catalyst for schools to develop a culture of college readiness for all students across the campus. In the AVID 9 elective class, students receive daily instruction and support to prepare them for college from a trained AVID Elective teacher. AVID impacts students by using academic strategies like writing to learn, inquiry, collaboration, organizational skills, and critical reading (WICOR). (Satisfies a practical arts credit.)

- **JAG-K 9 (Jobs for America's Graduates-Kansas) [JK100](#)**

- **Prerequisite:** Apply/interview, instructor consent
- **JAG-K Foundations.** Ninth-grade students focus on successfully transitioning into high school while building foundational academic and personal skills. Instruction emphasizes goal setting, time management, study skills, communication, teamwork, leadership development, and career awareness. Students are introduced to career pathways and begin developing positive habits for long-term success.

## ROTC

- **JROTC [RO101](#)**

- JROTC is open to all physically fit students 14 years or older. The purpose of the program is to motivate young people to be better citizens. JROTC is an Army supported activity. Students do not incur any obligations to serve in the military. The ROTC cadet is required to participate in physical fitness training, drill and ceremonies. ROTC cadets are invited to participate on special teams such as: honor guards (drill teams), rifle team, drum and bugle corps, raiders, color guards, cadet chorus, saber team, and the junior guard program. Cadets are provided government issued uniforms at no cost. The uniform must be worn one class period each week and on special occasions. Uniforms are required to be returned immediately upon disenrollment or the student incurs the cost of the uniform. Parents are accountable for all equipment issued to cadets. Fundraiser participation is completely voluntary.

## World Language

- **French I [WL101](#)**

- **Prerequisite:** C or better in English
- French I introduces the basic elements of grammar by involving the student in reading, writing, listening, and speaking activities in a cultural context. Tests and quizzes are written, oral, and recorded in format. Instruction is both in French and English. Success in the course requires out-of-class study and homework.

- **Spanish I [WL111](#)**

- **Prerequisite:** C or better in English
- Spanish I introduces the basic elements of grammar by involving the student in reading, writing, listening, and speaking activities in a cultural context. Tests and quizzes are written, oral, and taped in format. Instruction is both in Spanish and English. Success in the course requires out-of-class study and homework.

- **Spanish II [WL211](#)**

- **Prerequisite:** C or better in Spanish I
- Spanish II continues and expands the four basic skills of reading, writing, listening, and speaking introduced in Spanish I. Emphasis is placed on the expansion of vocabulary and the accurate use of structural elements of Spanish in spoken and written forms. Concentration and application are given to verb tenses (present, preterite/imperfect), idiomatic expressions, and pronouns. Oral presentations and cultural activities are a part of classroom activities. Spanish and English are spoken in class. Success in the course requires out-of-class study and homework.