

# **Itasca High School**

123 North College Street  
Itasca, Texas 76055

254-687-2922 x 115  
254-687-2637 (fax)

Derek Driver, principal  
Grace Hennig, counselor  
Courtney Watkins, secretary

2014-2015

---



The Itasca ISD does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education or providing access to benefits of education services, activities, and programs in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, as amended, and Title II of the Americans with Disabilities Act. Glenn Pittman has been designated to coordinate compliance with the nondiscrimination requirements of Title IX. Lisa Von Borstel has been designated to coordinate compliance with the nondiscrimination requirements of Section 504 of the Rehabilitation Act of 1973.

# Welcome to Itasca High School

## A message from our principal, Derek Driver

Dear Students and Parents:

It is a pleasure to present to you the Itasca High School Personal Graduation Planning Guide. This comprehensive guide to graduation plans, endorsements, and course offerings is your road map to academic success at Itasca High School. It has been designed to help students and parents plan for the high school years so that students may prepare for college and/or a career. The Itasca High School academic program is both challenging and relevant to our students' needs. Please take a moment to review the course offerings to help develop a plan that meets your needs. At Itasca High School, we believe active planning and thoughtful course selection involves the student, parents, and staff. Please contact the office at any time for additional information or assistance.

School Colors: Black and Gold  
School Mascot: The Wampus Cat



### Itasca Fight Song

Fight on you CATS fight on  
fight with your might, fight on  
Win fame for 'Tasca High School  
We'll Do or Die  
If you should fall to fate  
Fight CATS it's not too late  
We are behind you Cats So FIGHT, FIGHT, FIGHT!!!

### The Black and Gold

Whenever we see the Black and Gold,  
We're reminded of our special pride,  
It's a pride that comes from the days of old  
A pride for our Wampus Cat guide  
March on, march on onward to victory.  
We stand united with our heads held high,  
We're the Wampus Cats of old Itasca High.

# Academic Course Catalog

## End of Course Exams (EOC) – State Assessments for Class of 2015 & Thereafter

In 2007 Senate Bill 1031 was enacted, which called for development of end-of-course assessment instruments in Algebra I, Algebra II, geometry, biology, chemistry, physics, English I, English II, English III, world geography, world history, and United States history. These EOC assessments are to become part of the graduation requirements beginning with the freshman class of 2011-2012. In addition, based on current law, a student's score on each EOC assessment will be worth 15% of the student's final grade for that course.

The tests a student is required to take and the required scores are determined by each student's graduation program, such as minimum plan, recommended or distinguished.

Each EOC exam will have a designated minimum score and a satisfactory performance score. If the student does not meet the minimum score requirement, the student will be required to retake the test. If the student does not meet the satisfactory score requirement, the student may choose to retake the test. Students must achieve a cumulative score at least equal to the product of the number of EOC assessments taken in that content area and a scale score that indicates satisfactory performance.

EOC exams are expected to be administered at the end of semesters.

See [www.tea.state.texas.us](http://www.tea.state.texas.us) for more information about STAAR EOC.

In 2013, HB 5 decreased the number of assessments to five EOC's which are ELA I, ELA II, Biology, Algebra I, and US History.

## Top 10%

Senate Bill 175, passed by the 81<sup>st</sup> legislature, modified all State of Texas university admissions programs, which previously had been required to automatically admit students in the top 10 percent of their high school class. Under the new law, the university is to admit automatically enough students to fill 75 percent of available spaces set aside for Texas residents in an entering freshman class, beginning with the 2011 summer/fall class. In the fall of 2011, the University of Texas automatically admitted the top 8% of students in the graduating class based on grade point average. For more details and requirements and changes in state law, please see [www.collegeforalltexas.com](http://www.collegeforalltexas.com)

## College Preparation Timeline

Other planning information can be found at [www.aie.org](http://www.aie.org)!

### Grade 8

- Attend the parent high school orientation session with your parent(s).
- Meet with your counselor or high school advisor to plan course selections for the high school years.
- Thoroughly read the course selection book and carefully choose courses for high school.
- Complete a four-year high school academic plan.

## Freshman Year

- Re-evaluate goals and objectives that were chosen in the eighth grade.
- Review your four-year graduation plan.
- Choose courses that will best prepare you for your future.
- Pursue your interests in extracurricular activities.
- Promote community service – it can make a difference in scholarship consideration later.
- Consider summer opportunities which can help broaden your horizons: camps, summer study, travel, work, community service.
- Begin keeping a portfolio that includes report cards, test scores, honors, school activities, community activities, and work experience. You may also want to keep samples of your major school projects, papers, etc. (Use [www.careercruising.com](http://www.careercruising.com))
- Continue evaluating information from the career interest inventory that you took in eighth grade.
- Study to make your grades reflective of your ability. Remember that all four years of high school are evaluated for college admission.

## Sophomore Year

- Review and update the four-year graduation plan.
- Take courses that are challenging.
- Review college catalogs and publications which give college profiles.
- Take the PSAT in October as practice for the PSAT/NMSQT that juniors take for scholarship consideration. Analyze the PSAT results and establish personal goals in January.
- Continue to review college publications.
- Ask older friends and family members about their college experiences to help you determine which schools you might explore.
- Take another career inventory to give you more information about personal career choices.
- Begin to visit colleges in the summer, especially if you are interested in a highly selective college.
- Begin to review financial resources and possible sources for financial aid.
- Continue adding to your portfolio and update your [careercruising.com](http://www.careercruising.com) account.
- Study to make your grades representative of your abilities.

## Junior Year

- Review your graduation plan and narrow college choices.
- Study college admission requirements.
- Confer with parent(s) and the counselor to decide on courses for the senior year and to discuss post-graduation plans.
- Take challenging courses.
- Take the PSAT in October to qualify for the National Merit Scholarship Program and to practice for the SAT.
- Apply for any scholarships that your parents' employers may provide and any scholarships that are available to junior competition.
- Be aware of daily announcements for important scholarship, service, financial aid and test preparation information available to juniors.
- Take the SAT and/or ACT in the spring.
- Contact admission offices to schedule campus visits in the spring or summer.
- Send for college information and applications.
- Continue adding to your portfolio and update your [careercruising.com](http://www.careercruising.com) account.
- Make grades representative of your ability. Keep in mind that college applications are based on your record through your junior year.

## Senior Year

- Confer with your counselor in early fall about post-graduation plans.
- Check college(s) websites.
- Contact admission offices to schedule campus visits in the fall.
- Finalize college choices and send letters/applications to the colleges of your choice.
- Send regular decision applications in the fall semester.
- Become familiar with the State of Texas Common Application for Admission to Texas Public Universities available online at [applytexas.org](http://applytexas.org).
- Send in housing applications in early fall, especially to colleges that are highly competitive for dorm space.
- Apply for any scholarships for which you may qualify. Apply for university scholarships in the fall.
- Fill out a Transcript Request Form available in the Guidance Office requesting that your official transcript be sent with college and/or scholarship applications.
- Take the SAT and/or ACT in September, October or November.
- Take the assessment instrument (THEA, COMPASS, ASSET, or ACCUPLACER) required by the college of your choice no later than spring. Check with your counselor to see if you are exempt.
- Analyze SAT and ACT test results in December.
- Complete the Financial Aid (FAFSA) applications in February.
- Apply for local scholarships in April.
- Be aware of daily announcements for important scholarship, service, financial aid, and college investigation opportunities available to seniors.
- Use your computer to search for the latest college information and scholarships.
- Continue adding to your portfolio and update your [careercruising.com](http://careercruising.com) account.
- Take challenging classes and make your grades representative of your ability. The senior year is often considered in scholarship applications and college admission reviews.



# Itasca High School Foundation Graduation Plan

28 credits

*\*For students entering grade 9 in 2014-2015 and after\**

English I	Algebra I	Biology	US History
English II	Algebra II	IPC &/or Chem	W History
English III	Geometry	Chem or Physics	Adv Social Studies
Adv English	Adv Math	Adv Science	Govt/Eco

Professional Communications/DIM	1 credit
Physical Education	1 credit
Language other than Eng.	2 credits
Fine Arts	1 credit
Technology BIM	1 credit
Endorsement Electives	6 credits

## IHS Endorsements

### Business and Industry

*IHS Foundation PLUS*

\*4 courses in Ag, Food, & Natural Resources (CTE)

Or

\*4 courses in Newspaper or Yearbook

Or

\*4 courses in Technology

### STEM

*IHS Foundation PLUS*

\*1 additional Adv Math

Or

\*1 additional Adv Science

### Multidisciplinary Studies

*IHS Foundation PLUS*

\*4 Advanced Courses

Or

\*English IV as Advanced English

Or

\*4 credits of Dual Credit Classes

### Arts and Humanities

*IHS Foundation PLUS*

\*1 additional Adv Social Studies

Or

\*4 credits in Band, Art, or Theater

Arts

## IHS Diploma and Transcript Distinctions

### Distinguished Level of Achievement (new top 10 %)

*IHS Foundation PLUS ONE Endorsement*

### Performance Acknowledgements

\*80 or above in 12 hours of dual credit classes

\*80 or above in Spanish 3 and 80 or above in all English Classes

\*Recognized as commended scholar on PSAT, 1250 on SAT or 28 on ACT

\*State Certifications (cosmetology, welding)

# Graduation Requirements

*\*For students entering high school the 2013-2014 school year and before\**

<i><b>SUBJECTS</b></i>	<i><b>RECOMMENDED</b></i>	<i><b>DISTINGUISHED</b></i>
English	4 Credits	4 Credits
Math	4 Credits Must include Algebra I, Geometry, and Algebra II which must be completed before the fourth math credit	4 Credits Must include Algebra I, Geometry, and Algebra II; Fourth math credit must be a course for which Algebra II is a prerequisite
Science	4 Credits Must include Biology, Chemistry, and Physics: <i>IPC may be used as a credit but must be taken before chemistry and physics</i>	4 Credits Must include Biology, Chemistry, and Physics; Fourth science credit (A&P) must be taken after completing the first 3 credits
Social Studies	4 Credits World Geography, World History, U.S. History, U.S. Government, and Economics	4 Credits World Geography, World History, U.S. History, U.S. Government, and Economics
Spanish	2 Credits in same language	3 Credits in same language
Physical Education	1 Credit	1 Credit
Speech	0.5 Credit May be Communication Applications or Professional Communications	0.5 Credit May be Communication Applications or Professional Communications
Technology Applications	1 Credit	1 Credit
Fine Arts	1 Credit	1 Credit
Electives	6.5 Credits in state-approved courses	5.5 Credit in state-approved course
<b>TOTAL</b>	<b>28 Credits</b>	<b>28 Credits – must include 4 advanced measures</b>

Students shall enroll in the courses necessary to complete the curriculum requirements for the Recommended High School Program or the Distinguished Achievement High School Program unless the student (at age 16), the student's parent or other persons standing in parental relation to the student, and a school counselor or school administrator agree that the student should be permitted to take courses under the Minimum High School Program.

# ARTICULATED COURSES

Articulation is the smooth transition from one educational level to the next without delays or redundancy in course work. Articulation is a course-to-course agreement between one school district and one community/technical college. Students taking articulated high school courses that earn an 80 or above will be able to get college credit for the articulated course at college after they have completed 12 hours at that college.

Career and Technology Course	Texas State Technical College	McLennan Community College	Articulated Statewide (ATC)
<b>Ag. Mechanics &amp; Metal Technologies</b>			* —
<b>Ag Facilities Design &amp; Fab</b>			* —
<b>Web Technologies</b>	*		
<b>Audio Video Production</b>		*	
<b>Animation I &amp; II</b>		*	

## Texas Grant

Students who graduate on the recommended or distinguished graduation plans may be eligible to receive the Texas Grant. To check other requirements and updates in state law and to apply, please go to [www.collegeforalltexas.com](http://www.collegeforalltexas.com).

## Texas Virtual School Network

In accordance with HB 3646, IHS is a partner with TVSN. Students may take HS classes on-line to help meet graduation requirements. There is a fee (around \$325) involved for each class. Please see [www.txvsn.org](http://www.txvsn.org) or the counselor for more details.

## Honors Classes

Honors classes will be offered to 9<sup>th</sup> – 12<sup>th</sup> graders in numerous core areas. Students must complete an application and follow deadlines. At this time, students must have 2 of the 3 requirements to be enrolled in the honors class. These requirements are: a positive teacher recommendation, an 88 average in that subject area, and an appropriate EOC score of 3500.

The Itasca ISD does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education or providing access to benefits of education services, activities, and programs in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, as amended, and Title II of the Americans with Disabilities Act. Glenn Pittman has been designated to coordinate compliance with the nondiscrimination requirements of Title IX. Lisa von Borstel has been designated to coordinate compliance with the nondiscrimination requirements of Section 504 of the Rehabilitation Act of 1973.



# Dual Credit Enrollment Program

Itasca ISD offers several college courses within our core curriculum. We try to expose college bound students to college course work while they are still in high school. This is done through a collaborative effort between Hill College and Itasca ISD. The students are concurrently enrolled at Itasca High School and Hill College. All of the courses that are offered are concurrent courses, but not all of the courses are dual-credit. The courses that are offered are the following:

1. College Algebra - College Algebra (MATH 1314) & Statistics (MATH 1342)
2. Dual-Credit English III - Composition (ENGL 1301 & 1302)
3. Dual-Credit English IV – Literature (ENGL 2301 & 2302)
4. Dual-Credit Government - American Government (GOVT 2305) & Texas Government (GOVT 2306)
5. Dual-Credit US History - US History Before 1877 (HIST 1301) & After 1877 (HIST 1302)
6. Cosmetology - (CSME) Students pay for consumable supplies at the beginning of the year.
7. Welding-(WLD) Students pay for consumable supplies at the beginning of the year.

Itasca ISD makes a major investment to our students who wish to participate in our dual credit enrollment program. The district pays for tuition, books, and fees for all students who qualify for the program. In order to take these courses, students must meet Hill College requirements (passing TSI scores).

## Student Outreach Program

### Purpose

The purpose of the Student Outreach Program is to provide Itasca High School with a number of alternative opportunities to aid in the instruction of our students. The Student Outreach Program is geared to meet the needs of each individual student. The program is designed to meet four needs: second chance, TAKS/EOC remediation, course remediation, and course acceleration. With these programs, we are desiring to provide a holistic approach to educating our students. Our goal is to bridge as many gaps as possible in the student's educational process while they are attending Itasca High School. Selection of students will be made by the principal.

### Programs

Second Chance – The second chance program is designed to help our student recover credits without being taken out of the high school. In this program we try to identify our students who are unsuccessful in the educational process at an early stage, helping the students maintain the hope of obtaining a high school degree. This program is available to all of our high school students but especially to our ninth and tenth graders.

Course Remediation – This part of the Student Outreach Program is designed to take a proactive approach with students who are struggling in courses. When a student has not been successful on a particular unit in a course, the teacher can send him to the learning lab to be re-taught that unit on the computer. By doing this the teacher can continue on with new material while simultaneously having the unsuccessful unit being re-taught.

*Testing Remediation* – This aspect of the Student Outreach Program is designed to offer additional reinforcement to our teachers in the area of TAKS/EOC remediation. We will design courses in our learning lab to address the particular TAKS/EOC objective that the student is not mastering, and during activity period and detentions students can work on these areas.

## Achieve Texas

**AchieveTexas** is designed to help students (and their parents) make wise educational choices. It is based on the belief that the curricula of the 21st century should combine *rigorous* academics with *relevant* career education. When schools integrate academic and technical education, students can see the “usefulness” of what they are learning. The system also facilitates a seamless transition from secondary to postsecondary opportunities.

This initiative uses the sixteen federally defined Career Clusters of the States’ Career Clusters initiative ([www.careerclusters.org](http://www.careerclusters.org)) as the foundation for restructuring how schools arrange their instructional programs. A Career Cluster is a grouping of occupations and broad industries based on commonalities. The sixteen Career Clusters provide an organizing tool for schools, small learning communities, academies, and magnet schools. Programs of Study (POS) have been developed for each of the Career Clusters. The POS represent a recommended sequence of coursework based on a student’s interest or career goal.

Itasca High School participates in the following Achieve Texas areas:



The Itasca ISD does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education or providing access to benefits of education services, activities, and programs in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, as amended, and Title II of the Americans with Disabilities Act. Glenn Pittman has been designated to coordinate compliance with the nondiscrimination requirements of Title IX. Lisa von Borstel has been designated to coordinate compliance with the nondiscrimination requirements of Section 504 of the Rehabilitation Act of 1973.



## ACADEMIC COURSE CATALOG

**While the Itasca faculty and staff monitor the continuous progress of students and make numerous checks of credits, the ultimate responsibility of meeting graduation requirements rests with individual students. Students should plan carefully in the selection of courses to assure appropriate and sufficient credits.**

If a course is not required for graduation or does not meet minimum enrollment requirements, the course may be cancelled.

If you are failing or have failed a required class, the class must be repeated. In many cases, you cannot advance to the next level until the current level is passed.

### English Language Arts

Regular English classes will cover the following areas: grammar, mechanics, usage, composition, vocabulary and literature. Emphasis on the separate areas varies according to level.

#### **ENGLISH I**

Grade Level: 9

Semesters: 2

Prerequisite: None

Credit: 1

Additional areas of emphasis include note-taking, organizational skills, and a greater variety of mode in composition.

#### **ENGLISH II**

Grade Level: 10

Semesters: 2

Prerequisite: English I

Credit: 1

English 2 offers a more analytical approach to literature. Writing emphasizes response to literature selections. Research paper will be in informative mode.

**ENGLISH III**

Grade Level: 11

Semesters: 2

Prerequisite: English II

Credit: 1

American literature is studied using a chronological approach. An emphasis on grammar and mechanics enhances the writing of a research paper in the persuasive mode. TAKS skills review included.

**ENGLISH IV**

Grade Level: 12

Semesters: 2

Prerequisite: English III

Credit: 1

British literature is studied using a chronological approach. Technical writing and reading are emphasized.

**ENGLISH III and IV DUAL CREDIT**

Grade Level: 11 &amp; 12

Semesters: 2

Prerequisite: Passing TSI

Credit: 1

The college credit course in English Literature and Composition engages students in the careful reading and critical analysis of imaginative literature. The course includes intensive study of representative works from various genres and periods. The prospective student should plan to do a great deal of independent reading, thinking, and writing. Writing assignments focus on the critical analysis of literature. This class is weighted 10% for GPA.

**COMMUNICATION APPLICATIONS AND/OR PROFESSIONAL COMMUNICATIONS**

Grade Level: 9-12

Semesters: 1

Prerequisite: None

Credit: 1/2

This course teaches students to identify, analyze, develop, and evaluate communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations. This class is paired with Touch System Data Entry.

**JOURNALISM/NEWSPAPER**

Grade Level: 9-12

Semesters: 2

Prerequisite: Application Process

Credit: 1

Production of the school newspaper will be the primary focus of this course. Students will write stories and create advertisements for the paper and then create the paper using desktop publishing. The class has a small business-type atmosphere with each student holding job responsibilities important to the process of producing the paper. A high level of integrity, dedication, responsibility and the willingness to work long hours, some after school, before school, and during summer, is required of all members of the newspaper staff. Course may be repeated for credit.

**JOURNALISM/YEARBOOK**

Grade Level: 9-12

Semesters: 2

Prerequisite: Application Process

Credit: 1

Yearbook is a product-driven journalism course offered to students grades 9-12. Students are engaged in advertising, writing, editing, photographing, planning, and designing while creating the school yearbook. Students work independently collecting pictures, writing stories and picture captions, and use the computer to complete their assigned deadlines. Students desiring to take this course should be self-starters and self-disciplined. They should be willing and able to work on the yearbook outside of class time.

**ESOL I, II****(English for Speakers of Other Languages)**

Grade Level: 9-10

Semesters: 2

Prerequisite: Approved placement

Credit: 1

The focus is intensive development of listening, speaking, reading, and writing skills in English.

## **COLLEGE READINESS – ENGLISH**

Grade Level: 11-12

Prerequisite: A score of 347 on the TSI Exam

This course is designed for students needing improvement in reading and writing skills. Students will focus on reading skills and extensive writing will be done with a thorough review of grammar using a variety of resources. This course intends to prepare the student for college-level reading and writing with an outcome of a passing score on the TSI.

Semesters: 2

Credit: 1

# **Mathematics**

## **ALGEBRA I**

Grade Level: 9

Prerequisite: None

Students will use concrete, numerical, algorithmic, and graphical tools with technology to explore topics that include, but are not limited to, basic concepts of real numbers, algebraic thinking, functions, linear equation/functions, inequalities, quadratic expressions, polynomials, radicals, nonlinear functions, data analysis, graphing of all of the above, and applications. Appropriate technology will be used in the work. Skills learned in this class will be necessary for mastery on the EOC exam.

Semesters: 2

Credit: 1

## **ALGEBRA II**

Grade Level: 10

Prerequisite: Algebra I

Topics include: modeling using algebra; linear functions; exponential functions; logarithmic functions; quadratic functions; investigating data; systems; radical functions and number systems; polynomial and rational functions. Appropriate technology will be used for the above. Topics in this class, along with prerequisite topics, are required for success on the college entrance assessments in math.

Semesters: 2

Credit: 1

## **GEOMETRY**

Grade Level: 11

Prerequisite: Algebra I

Topics include, but are not limited to: line relationships; angles of triangles and polygons; properties of quadrilaterals; properties of similar and congruent polygons; right triangles and the Pythagorean theorem; properties of circles; perimeter; circumference; area; surface area; coordinate geometry; proofs; use of algebra in all of the above. Appropriate technology is used. Skills learned in this class will be necessary for mastery on the TAKS/EOC exam.

Semesters: 2

Credit: 1

## **PRECALCULUS**

Grade Level: 12

Prerequisite: Algebra II

Students will use appropriate technology to analytically, graphically and algebraically explore all operations related to functions, trigonometric functions, inverse algebraic and trigonometric functions, polar and rectangular coordinates, complex numbers, polynomial functions, rational functions, exponential functions, logarithmic functions, vectors, conic sections, parametric equations, binomial expansion and sequences/series. This course covers all topics in a deeper way and is designed to prepare students to attend a four-year college.

Semesters: 2

Credit: 1

### **DUAL CREDIT COLLEGE ALGEBRA**

Grade Level: 12

Semesters: 1

Prerequisite: Algebra I, Algebra II, and Geometry, a passing TSI

Credit: 1/2

This dual credit course offers 3 hours of college credit to those who complete the course successfully. It explores solving quadratic equations and inequalities, absolute value equations, functions, composite functions, polynomials, and matrices. This class is weighted 10% for GPA.

### **DUAL CREDIT CALCULUS FOR BUSINESS**

Grade Level: 12

Semesters: 1

Prerequisite: College Algebra, a passing THEA/ THEA Alternative Score

Credit: 1/2

This dual credit course provides 3 hours of college credit. The course covers several areas of finite mathematics: matrix manipulation, solving optimization problems using linear programming and the simplex algorithm, basic counting fundamentals and set theory, elementary probability, and beginning statistics. Students will use technology to assist in computing solutions.

### **DUAL CREDIT STATISTICS**

Grade Level: 12

Semesters: 1

Prerequisite: College Algebra, a passing TSI score

Credit: 1/2

Statistics teaches students how to collect data so that valid statistical processes can be performed. Students learn to calculate means, standard deviations, probabilities, and other statistics of interest on sample data, as well as build confidence intervals and test the validity of statistical options on one variable and two variable sample data sets.

### **COLLEGE READINESS - MATH**

Grade Level: 11-12

Semesters: 2

Prerequisite: Score of 336 on the TSI Exam

Credit: 1

This course is designed to prepare students for success in college math courses. Students will study and master basic algebraic concepts and skills. This course intends to prepare the student with an outcome of a passing score on the TSI.

## **Science**

### **BIOLOGY**

Grade Level: 9

Semesters: 2

Prerequisite: None

Credit: 1

The *scientific method of investigation* is the foundation upon which all science courses are taught and understood. This requires that all students learn fundamental skills of problem solving as well as the skills of observation, measurement, analysis, and effective communication. Topics covered are cell structure and function, reproduction, genetics, organ systems, ecology, and a broad survey of the different types of living things.

### **IPC**

Grade Level: 10

Semesters: 2

Prerequisite: None

Credit: 1

This class topics will include: speed, acceleration, work, power, forces, machines, sound, light, the electromagnetic spectrum, energy and energy conversions, electricity, magnetism, and the basic principles of chemistry (matter's composition, how it changes, how it relates to everyday life). Basic mathematical skills are applied throughout the year. This course must be taken prior to taking chemistry and physics in order to count as one of the four science credits.

### **CHEMISTRY**

Grade Level: 10 or 11

Semesters: 2

Prerequisite: Algebra I, Biology I

Credit: 1

Topics covered are the identification of chemical substances and reactions, preparation and use of solutions, qualitative and quantitative analysis concepts and techniques, and modern theories relating to chemical behavior.

### **PHYSICS**

Grade Level: 11 or 12

Semesters: 2

Prerequisite: Biology, Chemistry

Credit: 1

A two-semester, investigative laboratory course will cover mechanics (forces, matter, energy, motion) in the first semester. The second semester focuses on the application of those principles, including the study of heat, gas behavior, sound, light, electricity, and magnetism. The course emphasizes the importance of both individual and collective problem solving strategies.

### **ANATOMY & PHYSIOLOGY**

Grade Level: 12

Semesters: 2

Prerequisite: Biology, Chemistry, Physics

Credit: 1

This is a two-semester laboratory course that emphasizes the structure of the human body and the functions of the organ systems. It includes the chemical reactions that provide energy for the body and the various major diseases and environmental factors that affect human health.

### **EARTH AND SPACE SCIENCE A+ LAB**

Grade Level: 12

Semesters: 1

Prerequisite: Biology, Chemistry, Physics

Credit: 1/2

Topic areas include an introduction to earth and space themes. Comparison and uses of pie charts, review of the elements and their properties, observations of events and phenomena in the universe, sunspots, the solar system, satellites, earthquakes, the cycles of the moon, balloons, airplanes, development of rockets, the Apollo missions, characteristics of different atmospheric layers, cloud cover, weather terms and cycles, high and low pressure, types of fronts, climatology, oceanography, underground water, topography, weathering and erosion, dinosaurs, and natural resources.

## **Social Studies**

### **WORLD GEOGRAPHY**

Grade Level: 9

Semesters: 2

Prerequisite: None

Credit: 1

Students will study the physical and cultural geography of the people and places of the world. Students will learn about factors affecting human cultures and population such as location, climate, religion, resources and urbanization with an emphasis on the concepts of location, place (human and physical characteristics), regions, movement and human/environmental interaction.

### **WORLD HISTORY**

Grade Level: 10

Semesters: 2

Prerequisite: None

Credit: 1

Students will study the development of the major world civilizations from prehistoric through modern times. Emphasis will be on western civilization beginning with the Egyptians, Greeks and Romans; but the cultures of India, China, and Mesoamerica will also be examined. Other units will cover the Middle Ages, the Renaissance, colonization, industrialization, the World Wars and Cold War. Geography, economics, and current events will be stressed as well.

### **UNITED STATES HISTORY STUDIES SINCE RECONSTRUCTION**

Grade Level: 11

Semesters: 2

Prerequisite: None

Credit: 1

Students will study the history of the United States from the Civil War to modern times, emphasizing the growth of the United States as a world leader. Topics of study will include immigrations and industrialization, the labor and suffrage movements, the World Wars and Great Depression, the Cold War (including Korea and Vietnam) and the post-cold war era. Preparation for Exit-level TAKS will be incorporated into the curriculum as well for 2012-2013.

### **DUAL CREDIT UNITED STATES HISTORY 1301 and 1302**

Grade Level: 11

Semesters: 2

Prerequisite: A passing THEA/ THEA Alternative Score; 2200+ ELA TAKS Score w/ 3 on essay

Credit: 1

Dual Credit U.S. History is designed to provide students with the analytical skills and factual knowledge necessary to study American History on the College level. The demands on the student in a one-year course in high school are intended to be equivalent to two semesters of introductory courses in college. Topics may include the following: discovery and exploration of the New World; America in the British Empire; the American Revolution; the New Republic; Ages of Jefferson, Madison, Monroe, Jackson; Sectionalism; the American Civil War and Reconstruction; the West; Industrialization and Urbanization; the Progressive Era; World War I; the Great Depression; the New Deal; World War II; Truman and the Cold War; Eisenhower, Kennedy, Johnson, Nixon; the U.S. since 1974. This class is weighted 10% for GPA.

### **UNITED STATES GOVERNMENT**

Grade Level: 12

Semesters: 1

Prerequisite: None

Credit: ½

This course will examine the governmental system of the United States. Students will study the origins of our political system, the Founding Fathers, important documents such as the Declaration of Independence, the Constitution, and the Bill of Rights, important Supreme Court cases, the institutions of the presidency, Congress, and the courts, as well as significant individuals (presidents, politicians, judges, and activists) and how these affect us as American citizens.

### **DUAL CREDIT U.S. GOVERNMENT AND POLITICS 2305 and 2306**

Grade Level: 12

Semesters: 2

Prerequisite: A passing THEA/ THEA Alternative Score; 2200+ ELA TAKS Score w/ 3 on essay

Credit: 1

Dual Credit U.S. Government and Politics is intended for students who wish to complete a semester-long course in high school which is equivalent to a one-semester college introductory course. The course will focus on an analytical perspective of government and politics in the U.S. General concepts as well as analysis of specific case studies will be explored. Topics may include the following: historical development of the U.S. Constitution including ideological and philosophical traditions on which the framers drew; political beliefs and behaviors; historical evolution of the U.S. political party system and their functions, structure, and effect on the political system; interest groups; the formal and informal powers of the Congress, presidency, bureaucracy, and federal courts and their interactions; development and defense of civil rights and liberties; and the workings of the Supreme Court. This class is weighted 10% for GPA. Students who take this class must take ECONOMICS in the lab.

### **ECONOMICS**

Grade Level: 12

Semesters: 1

Prerequisite: U.S. History

Credit: ½

This course is designed to familiarize the student with the factors that have influenced the growth and development of the free enterprise system. Emphasis is placed on topics such as unemployment, inflation, international trade, the interaction of business and labor, and the effects of government spending and taxes.

### **PSYCHOLOGY A+Lab**



Grade Level: 11-12

Semesters: 1

Prerequisite: Principal approval

Credit: ½

This is a semester-long course presented in computer lab format. Topics may include: exploration of the various fields of psychology; tools and techniques of psychology; child/family growth and development; thinking and creative processes; personality disorder therapies; self-concept; motivation and goals; child education and services; family studies and human services.

### **SOCIOLOGY A+Lab**

Grade Level: 11-12

Semesters: 1

Prerequisite: Principal approval

Credit: ½

This is a semester-long course presented in computer lab format. Students may explore the study of human social behavior, especially the study of the origins, organization, institutions, and development of human society.

## **Foreign Language - Spanish**

### **SPANISH I AND SPANISH I FOR HERITAGE SPEAKERS**

Grade Level: 9-11

Semesters: 2

Prerequisite: None

Credit: 1

This course is designed to introduce students to Spanish grammar and vocabulary. In addition to learning to speak and write basic sentence structures, students will also learn various social and cultural aspects of Spanish speaking people.

### **SPANISH II**

Grade Level: 9-12

Semesters: 2

Prerequisite: Successful completion of Spanish I

Credit: 1

This course is designed to increase the student's knowledge of Spanish. Speaking, reading and writing proficiency increases with practice of communication skills. There will be more emphasis on grammatical structures. In addition, students will be introduced to traditional Spanish literature.

### **SPANISH III**

Grade Level: 10-12

Semesters: 2

Prerequisite: Successful completion of Spanish II

Credit: 1

This course will provide a more in-depth study of language, literature and culture. Basic language skills of reading, writing, listening and speaking are emphasized to aid the student in attaining a higher level of proficiency. Students should be prepared for outside study.

## **Fine Arts – Art, Band, Music Theory**

### **ART I, II, III, IV**

Grade Level: 9-12

Semesters: 2

Prerequisite: None

Credit: 1

These courses enable students to gain a broad understanding of art. Students participate in a variety of learning experiences, including: vocabulary review, two- and three-dimensional art-making, exploration of historical and cultural heritage, and evaluation of techniques. Students use direct observation, imagination, and personal experiences as inspiration for art works. Throughout the course, students maintain both a portfolio and a sketchbook documenting what they have learned about the elements of art and the principals of design.

### **BAND I, II, III, IV**

Grade Level: 9-12

Semesters: 2

Prerequisite: Marching Camp

Credit: 1

Marching band season is the first semester, and concert season is the second semester. Performances include football game half-time shows, pep rallies, marching contests, concerts throughout the year, and competition both for the individual student and the band as a whole. Students will earn one Fine Arts or elective credit per year. Each semester of fall Marching Band equals ½ credit of PE waived.

### **MUSIC THEORY I & II**

Grade Level: 9-12

Semesters: 2

Prerequisite: None

Credit: 1

Music Theory is designed to help students learn the basics of reading and writing music. Students will learn how to read music first, and then learn how music is written using fundamental music skills. Students will learn how these skills can be applied on different instruments.

## **Career and Technology**

### **DIGITAL & INTERACTIVE MULTIMEDIA**

Grade Level: 9-12

Semesters: 1

Prerequisite: None

Credit: 1/2

Through the study of digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment.

### **WEB TECHNOLOGIES**

Grade Level: 12

Semesters: 2

Prerequisite: DIM

Credit: 1

Through the study of web technologies and design, students learn to make informed decisions and apply the decisions to the field of information technology.

### **AUDIO/VIDEO PRODUCTION**

Grade Level: 10-12

Semesters: 2

Prerequisite: DIM

Credit: 1

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing technical knowledge and skills need for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities.

### **ANIMATION**

Grade Level: 11-12

Semesters: 2

Prerequisite: DIM

Credit: 1

Careers in animation span all aspects of motion graphics. Within this context, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to create two- and three-dimensional animations. The instruction also assists students seeking careers in the animation industry.

### **CP I (CAREER PREPARATION)**

Grade Level: 12

Semesters: 2

Prerequisite: Approved placement

Credit: 6

This class provides career exploration and basic writing requirements for job applications, work-place etiquette, interviewing, and communication skills. It is a work based learning class.

### **CHILD DEVELOPMENT/INTERPERSONAL STUDIES**

Grade Level: 10-12

Semesters: 2

Prerequisite: None

Credit: 1

One half of this course addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. The second half of this course examines how the relationships between individuals and among family members significantly affect the quality of life.

### **LIFETIME NUTRITION & WELLNESS**

Grade Level: 11-12

Semesters: 2

Prerequisite: None

Credit: 1

This laboratory course allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences.

### **FAMILY & COMMUNITY SERVICES**

Grade Level: 11- 12

Semesters: 2

Prerequisite: Application Required

Credit: 1

This course is designed to involve students in realistic and meaningful community-based activities through direct service experiences. Students are provided opportunities to interact and provide services to individuals, families, and the community. Emphasis is placed on developing and enhancing organizational and leadership skills and characteristics.

## **Career Technology - Agricultural Science**

### **PRINCIPLES OF AGRICULTURE, FOOD & NATURAL RESOURCES**

Grade Level: 9-12

Semesters: 2

Prerequisite: None

Credit: 1

This introductory course emphasizes the importance of the Agricultural industry and how it influences each of our lives daily. Career development, historical, current, and future significance of the agricultural industry, leadership skills, food and fiber, communication skills, agricultural research methods, soil, plant, and animal sciences, and agricultural mechanics (shop) are main topics covered.

### **AGRICULTURAL MECHANICS & METAL TECHNOLOGIES**

Grade Level: 10-12

Semesters: 2

Prerequisite: Principles of Agriculture, Food & Natural Resources

Credit: 1

Students who enjoy mechanics and not only working with their minds but also with their hands will enjoy this class. Shop safety, woodworking with the table saw, drill press, sander, and router, cold metal work. Students in this class will also learn the necessary skills to do basic metal work using the arc welder, plasma arc cutter, MIG welder, TIG welder and oxy-fuel torch.

### **AGRICULTURAL FACILITES DESIGN & FABRICATION**

Grade Level: 11-12

Semesters: 2

Prerequisite: Agricultural Mechanics & Metal Technologies

Credit: 1

A cluster course designed to provide the acquisition of skills and knowledge needed to improve and maintain the urban or rural home and adjacent buildings, including the analysis of repair needs and use of approved safety techniques. The course will also introduce and develop principles of electricity, Geographic Information Systems (GIS), working with concrete, water-management systems, masonry, drywall, and roofing materials.

### **AGRICULTURAL POWER SYSTEMS**

Grade Level: 12

Semesters: 2

Prerequisite: Agricultural Facilities Design & Fabrication

Credit: 1

This course develops technical skills in the selection, operations, and maintenance of small air-cooled engines, multi-cylinder engines, electric motors, agricultural machinery, tractors, and hydraulic power systems.

### **WILDLIFE, FISHERIES, AND ECOLOGY MANAGEMENT**

Semesters: 2

Grade Level: 10-11

Credit: 1

Prerequisite: None

To be prepared for careers in natural resource systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to natural resources, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course examines the management of game and non-game wildlife species, fish, and aquacrops and their ecological needs as related to current agricultural practices.

## **Athletics/PE/Health**

### **HEALTH A+ LAB**

Grade Level: 9-12

Semesters: 1

Prerequisite: None

Credit: ½

Students will gain a greater knowledge and understanding of the following areas: lifetime fitness, communicable diseases, mental health, drugs, alcohol and tobacco, body systems, and environmental health.

### **PHYSICAL EDUCATION (PE)**

Grade Level: 9-12

Semesters: 2

Prerequisite: None

Credit: 1

In this class, good sportsmanship, physical fitness, health concepts, approved team sports, health-related exercise and training activities are taught.

### **ATHLETICS**

Grade Level: 9-12

Semesters: 1 (fall or spring)

Prerequisite: Freshmen – Participation in Middle School or approval by the Head Coach

Credit: ½ PE credit

Grade 10, 11, 12 – Previous participation in High School and Head Coach approval

Athletics is a course based on competitive sports under the guidelines of the UIL and TEA regarding No Pass/No Play. Students must complete three semesters of competitive sports to fulfill state physical education requirements. The first three semesters of Athletics may count toward the state PE requirement and the fourth semester may count as an elective credit. Additional semesters count as local credit.

**Physical Education Substitutes** (1 semester = ½ credit of PE waived)

- Marching Band during the fall semester



The Itasca ISD does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education or providing access to benefits of education services, activities, and programs in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, as amended, and Title II of the Americans with Disabilities Act. Glenn Pittman has been designated to coordinate compliance with the nondiscrimination requirements of Title IX. Lisa von Borstel has been designated to coordinate compliance with the nondiscrimination requirements of Section 504 of the Rehabilitation Act of 1973.

## Miscellaneous

### **SAT/ACT PREPARATION A+LAB**

Grade Level: 11, 12

Semesters: 2

Prerequisite: Administrative placement

Credit: 1

This class prepares students in science, grammar, writing, and reading skills tested on the SAT and ACT exams.

### **COSMETOLOGY**

Grade Level: 12

Semesters: 2

Prerequisite: Administrative placement

Credit: 3

This class is taught on the Hill College campus. Students learn all aspects of cosmetology in preparation to pass the Texas Licensing Board Test. There is a start up fee of approximately \$1000 that is paid by the student.

### **OFFICE OR LIBRARY STUDENT ASSISTANT**

Grade Level: 12

Semesters: 2

Prerequisite: Administrative placement

Credit: 1

Students assist in office or library duties.

### **ART APPRECIATION A+LAB**

Grade Level: 9-12

Semesters: 2

Prerequisite: Administrative placement

Credit: 1

This course is a survey of painting, sculpture, architecture and the elements of design. The history and art of past and present world cultures is introduced to the students. The course is designed to enable students to identify, evaluate, and comprehend various forms and styles of art. The course also explores career opportunities in the various fields of art.

### **PERSONAL FINANCE A+ LAB**

Grade Level: 9-12

Semesters: 2

Prerequisite: Administrative placement

Credit: 1

Through this course students will investigate all aspects of personal finances. Areas studied will be banking, car insurance and maintenance, comparison shopping, consumer credit, developing a budget, federal, state and local taxes, financing their future, housing, insurance, purchasing a car, salary and payroll deductions, retirement planning, savings, taxes, time management, travel, and utilities.

### **WELDING**

Grade Level: 11-12

Semesters: 2

Prerequisite: Administrative placement

Credit: 3

This class is taught on the Hill College campus. Students learn different types of welding. There is a start up fee for supplies that is paid by the student.

**ON-LINE CLASSES ARE AVAILABLE THROUGH EDYNAMICS**

# ITASCA HIGH SCHOOL PERSONAL

# GRADUATION PLAN 2014-2015

For students entering Grade 9 in 2014-2015 and after  
 \*\*To be used only as a guide, changes can be made at any time.\*\*

STUDENT \_\_\_\_\_ DATE \_\_\_\_\_

GRADUATION PROGRAM: Foundation Plus Endorsements

PARENT SIGNATURE \_\_\_\_\_

After HS I plan to: \_\_\_\_\_

Subject	Credit	Freshman – Grade 9	Sophomore – Grade 10	Junior – Grade 11	Senior – Grade 12
English	4	*English I or Honors	*English II or Honors	English III or **Eng III DC	Adv Eng or **Eng IV DC
Social Studies/ Eco	4	*US History	W. History or Honors	Advanced Social Studies	Govt&Eco or **Govt DC & Eco
Mathematics	4	*Algebra I or Honors	Algebra II or Honors	Geometry or Honors	**College Alg or Adv Math
Science	4	*Biology	IPC &/or Chem / Honors	Chem or Physics Honors	Advanced Science
Itasca ISD Requirement	1	Prof Comm/DIM			
Itasca ISD Requirement	1	Band, Art, &/ or Theater Arts			
Itasca ISD Requirement	1	PE or Athletics			
Itasca ISD Requirement	2	Spanish I	Spanish II or Special Topics in Language & Culture		
Itasca ISD Requirement	1			BIM	
<b>Electives</b>		Princ of AG On line Classes Yearbook Newspaper	Practical Writing Band 2 Algebraic Reasoning Ag M&M Tech Theater Art 2 On line Classes Art 2 Child Dev/Inter Per	HC Cosmo Yearbook Art 3 HC Welding Newspaper Ag FAC Child Dev/Inter Per Animation On line Classes Video Nutrition & Wellness	Adv Video Adv Animation Ag Power Wildlife Art 4 Fam&Com Serv Career Prep Nutrition & Wellness TH A 4 HC Como HC Weld
	Total Credits:	28	<b>Circle 8 classes to take</b>	<b>Circle &amp; fill in 8 classes</b>	<b>Circle &amp; fill in 8 classes</b>

\*STAAR End of Course Exam \*\*Dual Credit – Students must meet Hill College Requirements

Circle Endorsements: **Multidisciplinary Studies Arts & Humanities Business & Industry STEM**

Notice of Nondiscrimination: It is the policy of Itasca High School not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.