

**JEWEL M. SUMNER HIGH SCHOOL**  
**COURSE DESCRIPTION GUIDE**



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# JEWEL M. SUMNER *High School*

## COURSE DESCRIPTION GUIDE

### GLOSSARY:

**Prerequisite:** A requirement that is necessary beforehand; i.e., English I before English II

**Elective:** An optional course in the school curriculum; a free choice not specifically required for graduation

### COURSE SYMBOL DESCRIPTIONS:

**Y:** a course offered to two consecutive semesters (a 2-semester, 1-year course)

**S:** a one semester course which may be taken either in Fall or Spring semester

**T:** a course which is required to receive a TOPS scholarship upon graduation

**H:** Honors

**E:** Elective course

**C4:** This course is a requirement in the Core 4 curriculum as set forth by the State of Louisiana.

**Sp:** This course requires enrollment in a special program with the district.

**IBC:** Students will take assessments to earn Industry Based Certifications during this course.

**\*\*:** This course requires approval by the principal, counselor, or teacher.

### ENGLISH DEPARTMENT

#### **English I**

**Grade 9**

**Code: Y, T, C4**

Freshmen students will read, analyze, and respond to literature as a record of life experiences. Students will receive instruction in combining and writing multi-paragraph persuasive, literary analysis, and expository essays.

#### **English I Honors**

**Grade 9**

**Code: Y, T, H, C4, \*\***

Honors and gifted students will accelerate both their reading and writing skills. Summer reading assignments are required.

#### **English II**

**Grade 10**

**Code: Y, T, C4**

Students will continue to read, comprehend, and respond to a range of materials using a variety of strategies. They will also read, analyze and respond to literature as a record of life experiences. Students will complete an End of Course assessment required for graduation.

#### **English II Honors**

**Grade 10**

**Code: Y, T, H, C4, \*\***

Honors and gifted students will accelerate both their reading and writing beyond the minimum requirements outlined in the state standards. Summer reading assignments are required. Students will complete an End of Course assessment required for graduation.

#### **English III**

**Grade 11**

**Code: Y, T, C4**

Juniors will analyze classic and contemporary American literature from culturally, linguistically diverse populations. Using the writing process, they will compose essays focusing on a variety of audiences and purposes, specifically in expository/persuasive essays, a research paper, and a literary analysis. Students will also demonstrate competence in speaking and listening as tools for learning and communicating. Students will complete an End of Course assessment required for graduation.

**English III Honors****Grade 11****Code: Y, T, H, C4, \*\***

Honors students will accelerate both their reading and writing beyond the minimum requirements outlined in the state standards. Summer reading assignments are required. Students will complete an End of Course assessment required for graduation.

**English IV****Grade 12****Code: Y, T, C4**

Seniors will analyze classic and contemporary British literature from culturally, linguistically diverse populations. Focusing on the writing process for mastery of all components, they will compose a variety of essays, specifically a critical analysis, a literary analysis, and a research product.

**English IV Honors****Grade 12****Code: Y, T, H, C4, \*\***

This course is designed for college bound seniors and is intended to prepare students for college entry courses. Students will be expected to write a critical analysis, a literary analysis, as well as a research product and college essays. Summer reading assignments are required. Students enrolled in this course will automatically be required to complete a Senior Project.

**Publications I: Yearbook****Grades 10, 11, 12****Code: Y, E**

Publications I introduces the students to the fundamentals of journalistic procedures as they apply to yearbook production.

**Publications II: Yearbook****Grades 11, 12****Code: Y, E**

Students will learn business principles of money management and sales, theme selection, layouts, and photography. Students should own a digital camera.

**MATHEMATICS****Algebra I****Grade 9****Code: Y, T, C4**

This course includes understanding the use of the language of algebra and understanding the integration of algebra with other mathematics. Students will complete an End of Course assessment required for graduation.

**Geometry****Grade 10****Code: Y, T, C4**

Prerequisite: Algebra I credit. This course includes the structure of geometric relationships in a plane. Students will complete an End of Course assessment required for graduation.

**Algebra II****Grade 11****Code: Y, T, E, H, C4**

Prerequisite: Algebra I credit and Geometry credit. Recommended "C" or better average in both prerequisite courses. This course includes working with properties of real numbers, sets and set notation, equations and inequalities, graphing, systems of equations, relations and functions, rational expressions, radicals and quadratic functions, and logarithmic functions.

**Advanced Math****Grade 12****Code: Y, T, H, E, C4**

Prerequisite: Completion of Algebra II with a "C" or better average. Recommended for seniors interested in college preparation. Course includes one semester of Trigonometry and one semester of Pre-Calculus.

**Math Essentials****Grades 11, 12****Code: Y, E, C4**

This course gives students who are not preparing for college practice with practical mathematics prior to graduation. This course meets graduation requirements and Core 4 requirements, but does not qualify for TOPS.

**Financial Math** **Grades 11, 12****Code: Y, E, C4**

This course is designed for post-algebra students with an emphasis on reviewing basic mathematical skills and consumer and career situations including income, banking, and credit. This course meets graduation and Core 4 requirements, but is not acceptable by TOPS.

**SCIENCE****Physical Science** **Grade 9****Code: Y, T, C4**

This course is designed as a preparatory course for high school chemistry and physics with emphasis on laboratory work and abstract thinking skills.

**Biology** **Grade 10****Code: Y, T, C4**

This course gives students an understanding of the principles and concepts of living things and their organization. Students will complete an End of Course assessment required for graduation.

**Chemistry** **Grade 11, 12****Code: Y, T, E, C4**

Prerequisite: Physical Science and Biology. It is highly recommended that students have a "C" or better average in both prerequisite courses. In this course, laboratory experiences, demonstration, and problem solving are stressed. Basic algebraic skills are necessary for this course.

**Physics** **Grade 12****Code: Y, T, E, C4**

This is a mathematical based course, which will investigate the natural laws of physics and their application to everyday occurrences.

**Environmental Science** **Grade 11, 12****Code: Y, T, E, C4**

This course focuses on ecosystems and the human condition, classification of environmental problems and their relation to economic and legal concerns, and explores the challenges that our environment presents to us. This course meets graduation and Core 4 requirements, but is not acceptable for TOPS.

**SOCIAL STUDIES****World Geography** **Grade 9****Code: Y, T, C4**

A thematic study of physical and cultural geography of the world and its diverse populations.

**Civics** **Grade 10****Code: Y, T, C4**

A study of the rights, duties, and privileges of citizenship in American society with focus on the structure and function of federal, state, and local governments. This class also examines the general survey of the American free enterprise system, including basic economic theory and practice.

**American History** **Grade 11****Code: Y, T, C4**

An examination of our country's history from 1877 to the present. Students will complete an End of Course assessment required for graduation.

**World History** **Grade 12****Code: Y, T, E, C4**

A survey course that examines the history of the world from the age of exploration to the present.

## PHYSICAL EDUCATION

**Physical Education**                      **Grades 9, 10, 11, 12**  
**Code: Y, E, C4**

This course emphasizes lifetime sports, leisure pursuits and the importance of physical fitness. This course may be repeated. Classes are divided by gender. At least 1.5 years of this course are required for graduation.

**Health Education**                      **Grades 9, 10, 11, 12**  
**Code: S, E, C4**

Students will investigate a wide range of health science careers and determine the training, skills, and job descriptions of each. Students will also learn about the human body and its basic function. This semester course will be paired with one semester of Physical Education.

### ACADEMIC/VOCATIONAL ELECTIVE COURSES

**Library Science**                      **Grades 11, 12**  
**Code: S, E**

This course is designed to enable students to effectively obtain, organize, evaluate, and utilize information from traditional and emerging sources. Designed for college bound students who are able to work independently and complete projects in a timely manner. Principal approval required.

**CTE Internship**                      **Grades 11, 12**  
**Code: S, E, \*\***

Students serve as assistants to teachers of vocational or academic courses to gain a more in-depth knowledge of the subject matter. Principal approval required.

### FINE ARTS

**Fine Arts Survey**                      **Grades 11, 12**  
**Code: Y, T, C4, E**

This course increases students' knowledge, understanding, and enjoyment of the visual and performing arts.

**Talented Art**                      **Grades 9, 10, 11, 12**  
**Code: Y, Sp**

Talented art, part of the Special Education program, is only available by audition via portfolio submission. The course consists of accelerated and independent training in a variety of artistic mediums.

**Talented Theatre**                      **Grades 9, 10, 11, 12**  
**Code: Y, Sp**

Talented theatre, part of the Special Education program, is only available by audition. The course consists of accelerated and independent training in a variety of theatrical areas including performance, design, directing, and history.

**Talented Music**                      **Grades 9, 10, 11, 12**  
**Code: Y, Sp**

Talented music, part of the Special Education program, is only available by audition. The course consists of accelerated and independent training in a variety of musical areas including performance, theory, and history.

**Band**                      **Grades 9, 10, 11, 12**  
**Code: Y, E, T, C4**

Band students will be challenged to achieve mastery and musical expertise. Appropriate musical compositions will be performed. Participation in after school rehearsals and performances are mandated and are factored into a student's grade for the course.

**Chorus**                      **Grades 9, 10, 11, 12**  
**Code: Y, E, T, C4**

Chorus students will be challenged to achieve mastery and musical expertise. Appropriate musical compositions will be performed. Participation in after school rehearsals and performances are mandated and are factored into a student's grade for the course.

**Piano** **Grades 9, 10, 11, 12**

**Code: Y, E, T, C4**

Students will study theory and practice in the art of playing the piano and electronic keyboard. This course can be taken more than once.

**AGRISCIENCE**

**Agriscience I** **Grade 9, 10**

**Code: Y, E, T, C4**

This course is a survey course involving soil, animal and plant science, small engines, metalworking, woodworking, drawing and crafts, and the instruction in the proper use of tools and shop safety. Student must be a member of the Future Farmers of America.

**Agriscience II** **Grades 10, 11**

**Code: Y, E, T, C4**

Prerequisite: Agriculture I. This is a specialized training course involving advanced beef, crops, forestry, poultry, small engines and metalworking, swine, horses, forages, horticulture, leadership, wildlife conservation, agricultural economics, sales and service, processing all types of meat, and occupational training. Student must be a member of the Future Farmers of America.

**Agriscience III** **Grades 10, 11**

**Code: Y, E**

Prerequisite: Agriculture I and II. The major emphasis of this course will be with career exploration in the basic agriculture and agribusiness fields, advanced training in welding, gas cutting and brazing, forestry, horticulture, environmental problems, and animal science. Student must be a member of the Future Farmers of America.

**Agricultural Leadership** **Grade 12**

**Code: Y, E**

This course deals with hands on applications of advanced mechanical skills and knowledge acquired in Agriculture I, II, and III. Students in this class will be called on to help with campus-wide projects and to act as leaders of their program. Student must be a member of the Future Farmers of America.

**BUSINESS EDUCATION**

**Introduction to Business Computer Applications** **Grade 9**

**Code: Y, E, IBC**

Designed to prepare students with basic computer application skills, touch method of operating computer keyboard, basic computer concepts of word processing and spreadsheet applications. The course prepares students for MOS Certification in Word and PowerPoint.

**Principals of Business** **Grades 10, 11, 12**

**Code: Y, E, IBC**

Students will learn the basics of corporate functions. Students will practice with technology that will prepare them to earn Industry Based Certifications.

**Business Computer Applications** **Grades 10, 11, 12**

**Code: S, Y, E, IBC**

Students will study advanced word processing and presentation techniques. This course prepares students for MOS Certification in Word, Power Point, Excel, Access, and Outlook.

**Marketing** **Grades 10, 11, 12**

**Code: S, Y, E, IBC**

This course provides students with experience in integrated applications such as Photoshop, Indesign, Illustrator, and the Adobe Creative Suite. Students will also be responsible for maintaining Jewel M. Sumner High School's Web site and other Cowboy Publishing activities.

**Accounting** **Grades 10, 11, 12**

**Code: S, Y, E, IBC**

Students enrolled in this course learn the language of business, analyze transactions, and prepare financial statements including profit and loss and balance sheets.



## What is TOPS?

TOPS is the Taylor Opportunity Program for Students that provides Louisiana high school graduates meeting specific eligibility requirements with a scholarship if they choose to attend a Louisiana public college or university.

### Who is eligible for TOPS?

Each year, the Louisiana Office of Student Financial Assistance (LOSFA) evaluates the records of all Louisiana high school graduates to determine who is eligible for the program. LOSFA notifies high school graduates of their eligibility during the summer following their high school graduation. Students must have a GPA of 2.5 or higher in their core courses as well as a score of 20 or higher on the ACT.

### How much does TOPS pay?

TOPS pay an amount equal to tuition. The TOPS award has three levels: Honors Award, Performance Award, and Opportunity Award. Students are notified of their TOPS level in their initial eligibility letter.

## What is an IBC?

An Industry Based Certification, or IBC, is a credential offered by an industry that documents an individual has successfully met the skill and knowledge standards established by that industry for a single occupational area, or a cluster of occupational areas such as computer technology or customer service. The credential is based on business and industry standards. Many of the IBCs can be earned by high school students who complete a course or program that meets the IBC standards and who pass the certification exam. It is the goal of Jewel M. Sumner High School to have every student earn an IBC before graduation.

### Why certify?

If you receive an industry-based certification, you have a portable credential that many employers in that industry or business recognize. Even if you change jobs, you still have a credential that is meaningful to other employers in that industry.

IBC's are great for employers because they know what knowledge and skills they are getting when they employ someone with an industry based certification. It's also beneficial to high school and college level career training programs because they can efficiently and effectively be developed around the knowledge and skill sets required for industry based certifications.

