

**1/2 DAY  
VOCATIONAL  
PROGRAM**

English Course Summary

TEACHER: Ms Roberta Abdallah  
PHONE: 956- 565-4620  
ROOM: Science Academy Rm. 113  
E-MAIL: roberta.abdallah@stisd.net

CONFERENCE: 4th Period both  
A&B Day Schedule

**PURPOSE:** English is the foundation upon which the student will build the rest of their studies, and eventually, their career. In order to be strong and support the great variety of options available to them, it must be broad in coverage, but also deeply rooted in the basics. That means there will be an emphasis placed on both reading and writing. Upon completion of English the student will be able to read and write at a proficient level and will also have obtained an appreciation of a diverse array of literature.

**OBJECTIVE:** The objectives of English are to help each student acquire written and oral communication skills and help develop an appreciation for various forms of literature. The objectives will be according to each student's individual education plan (IEP).

**ASSIGNMENTS:** 1. Daily Class Assignments - You will have approximately 1-3 assignments per week. Daily assignments will automatically be homework if not completed during class.  
2. Tests - Tests will be administrated after each literacy and writing unit. In addition, all major compositions will count as a test grade.  
3. Participation - Students will be expected to complete journal entries weekly, as well as working on various supplemental computer programs.

**SUPPLIES:** 1. Pencils and pens with black or blue ink.

**GRADING PROCEDURES AND WEIGHTS:**

Nine Weeks

Daily Assignments and Homework = 50%

Tests = 20%

Participation: 30%

Students will be graded according to their individual progress and mastery level specified in each student's individual education plan (IEP). Grading procedures and weights may vary.

Semester\*

1<sup>st</sup> 9 weeks = 37.5%

2<sup>nd</sup> 9 weeks = 37.5%

Semester Exam = 25%

\*This process repeats itself during the 2<sup>nd</sup> semester

**RETESTING PROCEDURES:** Retesting is for students who wish to achieve a higher mastery of what has been produced. Regulations include:


1. The retest must occur within two weeks.
2. No grade higher than a 75 will be given for a retest.
3. Quizzes, nine-week exams, and final exams are excluded.

**FORMATIVE ASSESSMENT:**

Frequently during the year, formative assessments will be given. These will be in the form of a written or oral quiz, readings, and in class assignments. Feedback will be given on these formative assessments but no grade will be assigned. The formative assessments are critical to learning because they provide feedback as to what essential learning we will focus on next. They will help influence and shape the process of learning while we still have time to improve before test or grades are given.

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Roberta Abdallah



Mrs. I. Castillo

I have received a copy of this course outline, have been given the opportunity to ask questions, and understand the contents.

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Parent Signature

\_\_\_\_\_  
Date

# Auto Technology Course Outline

  
8/19/16

**Instructor:** Jose Palacios  
**School Phone:** 956-565-4620  
**Cell Phone:** 956-534-6293  
**Conference Times:** 1 A 8:30am-10:00am and 3B 1:00pm-2:30pm  
**Location:** CATE building

**Purpose of the course** is to provide the student with pre-apprenticeship skills in auto maintenance and engine repair, engine tune up, brake system, electrical system, fuel system, ignition system, and steering & suspension systems. The students will acquire employability skills that will prepare them for real world experiences.

**The major goal** is to prepare the student to earn ASE certifications in the following areas: Engine repair, Brake systems, Steering and Suspension systems, Electrical systems and also prepare them for post secondary education. Students will also earn a certification in SP2 safety online courses.

**Formative assessments** are done in class and labs by having the students discuss a particular job skill and then by having the students demonstrate that job skill to the highest level of ability.

**Projects** will consist of automotive systems such as Engine Blocks, Cylinder Heads, and Brake and Electrical components. Some students will participate in action skills.

**Grading Procedures:** The students will earn two weekly grades in the following categories: class assignments, job skills, and participation.

**Weights for grade book categories:** Class assignments 25%, Job skills 25%, Participation 50%.

**Procedures for retesting:** After the students are evaluated; they are always given an opportunity to improve their grade; so I will re-teach and retest orally or assign a written test.

**Homework procedures:** The students are required to read automotive articles at home such as: Hot-Rod magazines or online automotive articles and share with the class at least twice a week.

✓  
JD  
Stratton

## CONSTRUCTION TRADES SYLLABUS

2016-2017

Jim Ratliff jim.ratliff@stisd.net Conference: 1A 8:00-10:00 245-4190 room w102/shop

**Overview:** In Construction Trades, students will examine home and commercial construction. Will exam the past construction, present construction techniques and the future Green technology of construction. The environment will play a vital role in what method and style of construction will be used. Architectural design will be studied, past, present and future. The skills needed to build will be taught, so that my students may be employable at the end of their stay with South Texas I.S.D.

**Course Outline:** The sequence of Construction Trades courses are Building Maintenance, Construction Technology, Advanced Construction Technology, Practicum in Construction. All students will be taught safety as if their life depends on it. Students will gain knowledge and skills specific to those needed to enter the work force as carpenter's helpers or building maintenance helpers or prepare for a postsecondary degree in construction management, architecture, or engineering. Students acquire knowledge and skills in safety, tool usage, building materials, codes and foundations, framing and finishing of homes. Students will also be introduced to electrical and plumbing trades.

### Grading Procedures:

Nine Weeks-

Daily work (classroom assignment)	25%
Safety (in the shop)	25%
Projects (assigned classroom/shop)	25%
Tests	25%

**Materials:** Notebook, pencils, paper and all equipment (tools and machinery) will be provided.

**Classroom Rules:**

- Be courteous to your peers and adults.
- Eye safety glasses are worn at all times in the shop.
- No electronic equipment is permitted in the classroom and shop.
- No food or drinks in the classroom and shop.
- Listen and follow directions.

Welcome to Construction Trades

Dear students:

It is a pleasure to welcome you to this school, and I look forward to working together with you and you parents to make this experience a learning-one. My goal is to have you ready to work at entry level to the construction industry or a related field. This goal of mine will call for some hard work, but the benefits of your work will open doors to your future.

Sincerely

Mr. Jim Ratliff

Construction Trades teacher

## WELDING CLASS 2016-2017

CATE BUILDING - SCIENCE ACADEMY

TEACHER: MARCOS TIRADO  
LOCATION: CATE BUILDING

CONFERENCE HOUR: A DAY: 8:20-10:00

B DAY: 1:00-2:30

WORK # (956)565-4620

CELL PHONE#(956)789-3609

8/19/16

Precision Metal Manufacturing- Welding- Advance Welding

This Welding program includes the knowledge and application of the principles of design and fabrication utilizing welding technologies. The courses in this category may be offered in Grades 09-12. For successful completion of each course, students will earn three credits per year.

Practicum in Manufacturing

Upon completion of this course with a score of 70 or better, the student has the chance of becoming AWS Certified during this year in High School.

PURPOSE: The student will gain the knowledge and skills in the area of welding to be able to become a productive part of society and/or continue his education at a vocational school of their choice.

### OBJECTIVES AND ASSIGNMENTS:

#### OXYACETYLENE TORCH:

Complete the initial list of skills  
Design and build 2 projects using the skills

#### ARC WELDER:

Complete the initial list of skills  
Design and build 3 projects using the skills

#### PLASMA CUTTER:

Complete the initial list of skills  
Design and build 3 projects using the skills

#### MIG WELDER:

Complete the initial list of skills  
Design and build 3 projects using the skills

#### INTRODUCTION TO TIG WELDER

### PROJECTED COMPETITION:

San Antonio Livestock Show  
Houston Livestock Show  
Skills USA -- Local , State Level, and National Level if student advances  
Rio Grande Valley Livestock Show

### REQUIREMENTS FOR ATTENDING WELDING CLASS:

Missing no more than 6 days in a 6 weeks (including excused absences)  
Wear to school or keep in class leather boots  
Joining the class 4-H club and SkillsUSA to compete in the shows  
Must change into coveralls or work clothes to be in the shop area

ITEMS THAT WILL BE ISSUED TO EACH STUDENT: he will be responsible for these items. If the items are lost or damaged, the student will have to replace them.

Welding Helmet                      Safety Glasses  
Measuring Tape  
Leather Gloves

### PROJECTS:

If you have a project that you would like to make in class for yourself, someone else, or your parents feel free to talk to the instructor. You will be responsible for the material to build the project.

When a student builds a project from class material, the project will be for sale. The money will be used to replace the material and for student reward.

### Formative Assesment:

As a formative assessment I follow the following format.

1. I assign classroom lesson, verbally discuss the lesson with student and assess students by asking questions.
2. I review critical points of the lesson.
  - A. I teach safety in the workplace
  - B. I teach proper tool and equipment usage.
  - C. I monitor and drill students on the usage of this tools and equipment.
  - D. I ask questions depending on the lesson given.
  - E. Each student must pass safety test with a 100%.

When students are working on a project or welding, I ask them for feedback on the task they are performing. Most of the assessments are done while in the shop area.

When a student is not performing a procedure properly, he is corrected and instructed on how to do it properly

#### GRADING POLICY:

25%	Class Work – Student attends class daily, joins in group discussions, activities, and displays appropriate behavior for the trade.
50%	Skills – Student completes the required written tests, skill tests, projects in each area, and competes in our scheduled events.
25%	Participation – Traits that I am looking for are: <ul style="list-style-type: none"> <li>appropriate dress for the trade</li> <li>appropriate behavior for the trade</li> <li>keeping safety in mind first</li> <li>being able to work with others without conflict</li> <li>identifying tools of the trade correctly</li> <li>keeping the shop area clean and neat</li> <li>having pride in workmanship</li> <li>being able to think through work problem</li> </ul>

#### PROCEDURE FOR RETESTING:

Student is retaught lesson individually and given the opportunity to retest orally with instructor.

#### HOMEWORK:

Students in my class are not required to do homework because most of the training is hands-on.

#### CLASS RULES:

Be on time to class	Dress appropriately for the trade
Follow all school rules	Use appropriate ENGLISH language in class (help will be provided when necessary)

#### POTENTIAL HAZARDS THAT THE STUDENT WILL BE WORKING WITH AND AROUND:

Oxyacetylene Torch: compressed gas and oxygen, acetylene gas (an explosive gas), Open flame, sparks, and hot metal.

Plasma Cutter: electricity (shock potential), compressed air, sparks, bright light, and hot metal.

Arc Welder: electricity (shock potential), sparks, bright light, and hot metal.

Mig Welder: electricity (shock potential), sparks, compressed gas, and hot metal.

Cutoff Saw: electricity, cutting blade, sparks, and hot metal

Grinders: electricity, sparks, grinding stone (hand and finger abrasion)

Drill Press: electricity, flying metal pieces, and hot metal.

Pipe Bender: hydraulic pressure, and pinch zones for hands and fingers.

ALL OF THESE ARE EYE HAZARDS REQUIRING THE STUDENT TO WEAR EYE SAFETY EQUIPMENT AT ALL TIMES! EACH STUDENT MUST CHANGE INTO HIS COVERALLS OR APPROPRAITE WORK CLOTHES TO BE ALLOWED IN THE SHOP. NO SHORTS, SANDLES, OR TENNIS SHOES WILL BE ALLOWED IN THE SHOP AREA.

I have read the requirements and rules for the Welding Classes offered at the Science Academy of South Texas. I will also abide with the rules and policies of this class.

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

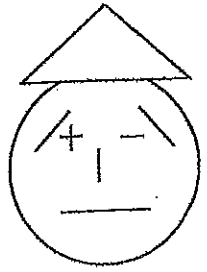
PARENT: \_\_\_\_\_ DATE: \_\_\_\_\_

*M. J. L.*

*8-19-76*



## MATH COURSE SYLLABUS



**TEACHER:** Mrs. Olga Vasquez

**CONFERENCE PERIOD:**

**A-DAY:** 10:30am – 12:00pm

**B-DAY:** 10:30am – 12:00pm

**Room Number:** 111

**CONTACT PHONE #'S:**

(956) 565-4620

(800) 217-8839

✓  
8/19/16

### **Purpose:**

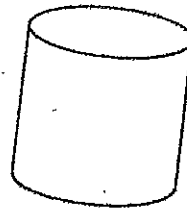
This course prepares students with a mathematical foundation that will help them become productive citizens in their post-high school years. It will allow them to build on their critical thinking skills to confront and excel in their academic and vocational interests.

### **Objective:**

Mathematics is used every day in the real world – whether we think of mechanics, building trades, transportation, welding, fitness, landscaping, and even food – just to name a few. Therefore, students need to understand the basic operations of mathematical reasoning in order to function properly in society.

### **Materials:**

Textbook, notebook, pencil, calculator (when allowed)

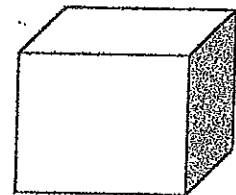


### **Classroom rules:**

1. Come prepared to learn every day.
2. Respect yourself and others.
3. Follow all school rules and district policies.

### **Failure to follow the above rules will lead to the following consequences:**

1. Verbal warning.
2. Student-teacher conference.
3. Parental phone call.
4. Parent-student-teacher conference.
5. Student-teacher conference with administration.



### **Grading Procedures:**

- |                  |     |
|------------------|-----|
| 1. Daily Work    | 50% |
| 2. Tests         | 30% |
| 3. Participation | 20% |

### **Formative Assessment:**

Each student will take 2 formative assessments per semester. These will measure student progress in their math skills throughout the year.

**Projects:**

Students will work on individual and group projects which will be weighted as a test grade. These projects will be done in class and/or sent home as needed.

**Homework Procedures:**

All students will complete their work in class but will have the opportunity to take any incomplete assignments home which are due the next class meet.

**Makeup Work/Retesting:**

The student has the right to make up any missed assignment because of an excused absence. The student will also have the opportunity to re-test any test grade below a 70 after a completed review and before the next test has been administered.

## Course Syllabus Acknowledgement

I have read and understand the course syllabus.

Student Name: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Date \_\_/\_\_/\_\_

Parent Signature: \_\_\_\_\_

Date \_\_/\_\_/\_\_

Teacher Signature: \_\_\_\_\_

Date \_\_/\_\_/\_\_