



# South Texas Preparatory Academy

"Building a Legion of Learners"

## Course Summary: Fundamentals of Computer Science

COURSE	TEACHER	CONFERENCE	TELEPHONE	ROOM NO.
Fundamentals of Computer Science	Mr. A. Gonzalez Alberto.gonzalez@stisd.net	4A & 3B	Lab (956) 388-2643	Comp. Lab 108

- **Objective:** Fundamentals of Computer Science is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. Rather than focusing the entire course on learning particular software tools or programming languages, the course is designed to focus the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. The goal of Fundamentals of Computer Science is to develop in students the computational thinking practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students.

- **Materials:**

- Always bring your school planner that was provided to you.
- Always bring a pen or pencil to class whether we need it or not.
- Flash drive/USB
- Notebook
- Pocket Folder

- **Units of ECS:**

- Human Computer Interaction
- Problem Solving
- Web Design
- Intro to Programming
- Computing and Data Analysis
- Robotics

- **Pyramid of Interventions:**

Students who are not successfully progressing in this course will be assisted by an after school tutorial. Late work is accepted. Talk to teacher about reasonable time.

- GRADING PROCEDURE:**

- Class work and projects are worth 50% of your grade*
- All Quizzes are 20% of your grade.*
- All Tests 30%*
- The Semester/Final Exam counts 25% of the semester average*



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- **Make-up work:** The student is responsible for making up any tests or assignments when absent.
- **Borderline failing:** If a student is failing with a 69 - 65, they will be given the opportunity to be placed on a course contract. (Student/Parent/Teacher) Course Contract work will only allowed the student to receive an average of no higher than a 70.
- **After school tutorial:** After school tutorials are available. Check with teacher on availability.
- **Retesting:** Retests are offered. It is up to the student to contact the teacher if they would like to retest. The highest grade to receive on a retest is a 70. There is no re-quizzing

## Fundamentals of Computer Science Course Summary

Student Name: \_\_\_\_\_ Grade level \_\_\_\_\_ Period \_\_\_\_\_  
(Print Name)

Teacher: Wesley Sanchez

Principal: Mrs. Ana Castro: A. Castro

Parent/Guardian Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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

Date: \_\_\_\_\_

Home phone: \_\_\_\_\_

Cell phone: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Parent Comments/Concerns/Special Instruction:

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