

About the CIS CTE Program

The CIS (Computer and Information Sciences) CTE (Career Technical Education) Program of Study at South is new this year. It is the first program of it's kind to be offered in a Lane County high school, and we are excited to be on the cutting edge of this very important endeavor! Even though technology and Computer Science inform much of the world around us, and our students are well capable of developing relevant skills, few high schools offer a program sequence that provides a meaningful and direct pathway to this high wage/high demand career. Oregon Employment Department Labor Market Data for Lane County projects a 28% growth (2014-2024) in the tech sector, and the need for Web Developers, in particular, is the highest of any career projection, at 42%.

The CIS CTE Program of Study has been designed so that South students are well-positioned to address this need, upon graduation from high school. The skills developed and experience gained through this Program of Study will also give them a leg up if they go to college. Indeed, successful completers will already have gained 27-33 college credits.

This CTE program has the strong support of Eugene School District 4J, Lane Educational Service District, Lane Community College, the Regional Achievement Collaborative (Connected Lane County), Lane's STEM Hub, Lane Workforce Partnership, and the Technology Association of Oregon (TAO) Southern Oregon Chapter. 27 of our over-400 local tech businesses have specifically committed to help this effort succeed; completers of this CTE program are guaranteed a job interview with a local tech firm. They all will have completed internships in the form of Senior Project hours and/or other volunteer or paid work.

CIS CTE candidates will take the six courses referenced inside, as well as SEHS versions of Math 95 and/or Math 111 and Writing 121. Admission preference will be given to those involved with SERT (South Eugene Robotics Team). In addition, candidates will be encouraged to take advantage of coding opportunities such as Hack for a Cause, the SERT Hackathon, the House of Representatives App Contest, and the NW Advanced Programming Workshop held in Portland each summer.

Think this is for you? STEPS TO TAKE

1. Pick up this brochure ☺
2. Complete the CIS CTE Planning Sudoku (inside).
3. Get counselor approval*.
4. Meet with Mary Taylor.

Mary Taylor
CIS CTE Program Advisor
SEHS, Room 9
taylor_m@4j.lane.edu

How do you want to hear if you are accepted into this program?

Email you check all the time
OR

Phone/text #

This could work! I approve!

Counselor Signature

Date

South Eugene High School



Career and Technical Education

Program of Study

**Computer &
Information
Sciences**



CTE CIS COURSE PLANNING SHEET/SUDOKU

Name _____ Date _____ Class of _____

	9 th grade	10 th grade	11 th grade	12 th grade	Required inclusions*:
T1					<input type="checkbox"/> 1. Excel (CN) or Computer Fundamentals (CN) <input type="checkbox"/> 2. Web Design (CN) <input type="checkbox"/> 3. Mobile Apps (CN) or Game Dev (CN) <input type="checkbox"/> 4. AP CSP/CS 160 (CN) (2 terms) <input type="checkbox"/> 5. Programming & Prototypes <input type="checkbox"/> 6. CIS CTE Capstone
T2					
T3					
	SERT? yes no	SERT? yes no	SERT? yes no	SERT? yes no	
Other computer classes you took from Ms. Taylor (not on required list):					<input type="checkbox"/> Algebra II Foundations A/B Math 95 (CN) C <input type="checkbox"/> AP Composition - Writing 121 (CN)
Other related programs, classes, courses, workshops, self-study, internships, etc.:					
					<p>*See 2017-2018 SEHS Curriculum Guide for course descriptions.</p>