							Industry:ICT, ENG			
	CTE	PROGRAM OF STUDY:	c-STEM Info	ormation and Comm ering	unication 1	Technologies,	Software and Systems Development			
Levels	Grade	CTE/CS Courses	English Language Arts	Math	Social Science	Science	Other Required Courses or Recommended Electives		Dual and/or Concurrent Enrollment	
	тк	Computer Science with Robotics for Transitional Kindergarten	English	Mathematics with Robotics for Transitional Kindergarten		Computer Science with Robotics for Transitional Kindergarten Engineering Design with Robotics for Grades TK-2				
	K	Computer Science with Robotics for Kindergarten	English	Mathematics with Robotics for Kindergarten		Computer Science with Robotics for Kindergarten Engineering Design with Robotics for Grades TK-2				
	Recomme	nded Activities: RoboBlock	у							
	1	Computer Science with Robotics for Grade 1	English	Mathematics with Robotics for Grade 1		Computer Science with Robotics for Grade 1 Engineering Design with Robotics for Grades K-2				
	Recommended Activities: RoboBlocky									
	2	Computer Science with Robotics for Grade 2	English	Mathematics with Robotics for Grade 2		Computer Science with Robotics for Grade 2 Engineering Design with Robotics for Grades K-2				
E	Recommended Activities: RoboBlocky									
l e m e n	3	Computer Science with Robotics for Grade 3	English	Mathematics with Robotics for Grade 3		Computer Science with Robotics for Grade 3 Engineering Design with Robotics for Grades 3-5				
а	Recommended Activities: RoboPlay Competition									
r y	4	Computer Science with Robotics for Grade 4	English	Mathematics with Robotics for Grade 4		Computer Science with Robotics for Grade 4 Engineering Design with Robotics for Grades 3-5				
	Recomme	Recommended Activities: RoboPlay Competition								
	5	Computer Science with Robotics for Grade 5	English	Mathematics with Robotics for Grade 5		Computer Science with Robotics for Grade 5 Engineering Design with Robotics for Grades 3-5				

ĺ	Recommended Activities: RoboPlay Competition								
	6	Introduction to Computer Science with Robotics	English	Mathematics with Robotics for Grade 6		Computer Science with Robotics for Grade 6 Engineering Design with Robotics for Grades 6-8			
	Recomme	Recommended Activities: RoboPlay Competition							
M	7	Introduction to Physical Computing with Arduino	English	Grade 7 Mathematics with Computing	World History / Geography	Computer Science with Robotics for Grade 7 Engineering Design with Robotics for Grades 6-8	Physical Education		
d	Recomme	nded Activities: RoboPlay	Competition, GIRI	_ Camp					
d I e	8	Introduction to Computer Programming (Ch/C/C++)	English	Grade 8 Mathematics with Computing	US History / Geography	Computer Science with Robotics for Grade 8 Engineering Design with Robotics for Grades 6-8	Physical Education		
	Recomme	nded Activities: RoboPlay	Competition, GIRI	_ Camp			1		
	9	Computer Science with Robotics for Grades 9-12	English	Algebra I with Computing and Robotics (Honors) or IM1 with Computing and Robotics (Honors)		Engineering Design with Robotics for Grades 9-12	Math Lab with Computing and Robotics (C-credit)	Physical E	Education
	Recommended Activities: RoboPlay Competition								
S e c	10	AP Computer Science Principles with Robotics	English	Geometry with Computing and Robotics (Honors) or IM2 with Computing and Robotics (Honnors)	World History	Biological Science	Physical Education		
n d	Recommended Activities: RoboPlay Competition,, GIRL+ Camp. Add to digital portfolio.								
a r y	11	Computer Programming for Solving Applied Problems (C Programming)	English	Algebra II with Computing and Robotics. IM3 with Computing and Robotics	US History		Foreign Language I or Visual & Performing Arts ★ (Districts may allow CTE to fulfill this)		
- H S N a m e	Recommended activities: RoboPlay Competition, , GIRL+ Camp, Job Shadowing. Add to digital portfolio.								
	42	Robotic Technologies		AP Statistics or Pre-Calculus	Government(se mester)				STAT120:

12	Robotics)		(with Computing and Robotics)	Economics (semester)				J (ali31103
Recomme	ended activities: RoboPlay C	Competition, Job S	hadowing, Work Based Le	earning, Service	Based Learning, Enroll at Co	ommunity College. Add	to digital poi	rtfolio.
	CTE Courses							
	Advanced Computer Programming in C							
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m e 14								
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16	Comments:					Creating School to College	THWAYS Articulation	
	 Prerequisite requireme This template is based completed. Where there are cours be found at www.c-id.ne 	upon requireme e numbers ident t/descriptors. Pe nism that ensure	ints for CSU transfer pa ified, the course number or Title 5, students may se that the objectives of	ttern and assurt references the community	mes that all basic skills (re ne CID course. Course cor redit for articulated high sc y college course have bee	ntent for these course hool work upon comp	s may letion of	