

Computer Science Independent Study 1

<p>Mr. Joe Cusack Jcusack1@kleinisd.net Room 502 / Klein Collins High School Computer Science, Information Technology, Cyber Security, Finance / Investing Instructor. (832) 484-5500</p>	<p>Prerequisite: Mr. Cusack approval. Required Course Supplies: Pencils and Paper everyday Course: 4908 / IND STU Comp Sci 1</p>
<p>Course Description: The purpose of Independent Study is to give Computer Science students who have completed at least one Computer Science course the opportunity to design and develop Computer Science, Cyber Security, Video Game, Computer Graphics, and Business project of their choice. All projects must be reviewed and approved by Mr. Cusack. If a student does not propose a well-thought-out project, Mr. Cusack may provide guidance by assigning structured work and lessons focused on current and advanced computer science topics. Periodically, Mr. Cusack will also present lessons on emerging computer science trends, and all students are required to participate in these shared assignments.</p>	
<p>Late Work Guidelines: <i>Late assignments will receive a 10-point deduction for each day they are submitted after the due date.</i> Active participation and group collaboration will be evaluated and graded. Tutorials are typically available Monday and Wednesday until 4:00 PM, and before school by appointment only</p>	<p>Grade Repair and Re-Test Policy: Students may review the material and complete test corrections before retaking an assessment within five (5) days. The replacement grade may not exceed 75. This re-test policy does not apply to major projects. Please refer to the Grade Replacement below for additional details on how to complete grade repair.</p> <p>Textbook <i>Blown to Bits: Your Life, Liberty, and Happiness</i> after the Digital Explosion 1st Edition by Hal Abelson (Author), Ken Ledeen (Author), Harry Lewis (Author) – Free online</p>
<p>Online Resources used: Joe Cusack Assignments www.cusack2.com Khan Academy https://www.khanacademy.org/ W3School https://www.w3schools.com/ Code.org: Learn today, build a brighter tomorrow. https://code.org/ Amazon Future Engineer- Project STEM program https://projectstem.org/users/sign_in</p>	<p>Grade replacement: I offer grade replacement for an assignment. If a student competes on my Computer Science UIL team. I will replace a minor or major grade with a 100. Minor grade replacement for any ranking in the contest. Major grades replacement will happen if the student makes a grade of 75 or more on the UIL test (Perfect score 240). No limit to the number of contests you can attend. Replacement grade must be used in the current grading period.</p> <p>Student Absence Procedures One day to make up work for each day absent</p>