Falcon Tech
Summer Course Outline
Skyline High School

P-TECH Summer Class - incoming 9th graders .5 credit (High School Practical Arts)
This course, for incoming 9th grade Falcon TECH students only, will help students prepare for the rigorous and challenging work of balancing high school studies and college coursework. Students will have the opportunity to meet teachers, IBM staff, and others who can support their success in the P-TECH program. Students will also become familiar with the Front Range and IBM campuses via field trips at the end of this summer course. **Student Attendance Required**

Week One June:
Parents are welcome and encouraged to attend the first morning session to learn about effective forms of communication, receive a basic outline of the program, and hear from Skyline High School, Front Range, and IBM. Introductions students and parents - sign permission slips, contracts. Parents and students will also be introduced to organizational apps and technology, including Google calendar. We focus on how to stay organized, manage stress, and work as a team. Additionally, students will complete all necessary paperwork for Front Range Community College, hear from guest speakers on the subjects of overcoming adversity and the importance of diversity in the academic and technological fields. Students will also have the opportunity to meet and work with their IBM mentors and will participate in the Design Thinking Process in collaboration with their IBM mentors. Students will also be introduced to the concept of Growth Mindset and work on activities to help students identify and establish effective habits and mindsets

Week Two June : Students will have the opportunity to meet some of the teachers and professors they will work with during the 9th grade school year. (Times and teachers TBD.)
We also have speakers come in this week - teachers, current PTECH students to talk about high school - and what to expect!
Three days of this week are devoted to core classes - students work in groups to study and create world maps, read English passages while writing a 5 paragraph essay to give teachers reading and writing levels - and work on fun math problems through puzzles and problem solving games/assignments. If time allows, students can work on their independent projects. On the last day of week two we assign students a google presentation to work on online for the month of July - (example links to student projects included). Finally, students will be introduced to the requirements for their independent projects and given the necessary tools and timetable to complete.
July online work
Example Google Slide
Example Two google slide
(During this break students work on their Oral Presentation of "All About Me")

Week Three First week of August:

Students will present their independent "All About Me" google slide shows during **Week Three**. Additionally, students will have the opportunity to ask questions of CIS speakers and will have the opportunity to review the CIS 118 Computer Science book for their first FRCC class.

Please note that the oral presentation is part of the online teaching/learning component of this course and will be assessed. (Information on presentation requirements is forthcoming.)

August   3   8:00 am - 2:00 pm   (Front Range Field Trip- students and parents)

August   4   8:00 am - 2:00 pm   (IBM Field Trip- students and parents)

Please note that assignments and content are subject to change, as the schedule remains flexible to accommodate guest speakers and IBM mentors. Please feel free to contact Louise March (march_louise@svvsd.org)