



## Kingsford High School and Bay College Pre-Engineering -- Transfer



Course	KHS Course (Minimum Score)	Contacts/Credits
<i>Junior Year - High School</i>		
PSYCH 201 - Psychology	Dual Enrollment on KHS Campus	3
ENGL 101 - Rhetoric and Comp.	Dual Enrollment on KHS Campus	3
SOCY 151 - Intro to Sociology	Dual Enrollment on KHS Campus	3
ENGL 145 or ENGL 102 - Tech Writing or Research Writing	Dual Enrollment on KHS Campus	3
<i>Senior Year - High School</i>		
MATH 141 - Calculus I	AP Calculus AB (4)	5
CHEM 110 - General Chemistry	AP Chemistry (3)	5
CHEM 112 - General Chemistry II	AP Chemistry (3)	5
Humanities Elective	Dual Enrollment	3
MATH 142 - Calculus II	AP Calculus BC (4) / Online	4
PSYS 205 - Engineering Physics	Dual Enrollment / Distance Learning on KHS Campus	5

*5th Year -- Fall*

MATH 243 - Calculus III	Dual Enrollment at Bay West	5
PHYS 206 - Engineering Physics II	Dual Enrollment at Bay West	5
PHYS 260 - Statics	Dual Enrollment at Bay West	3
Humanities Elective	Dual Enrollment at Bay West	3

*5th Year -- Winter*

MATH 244 - Linear Algebra	Dual Enrollment at Bay West	3
MATH 250 - Differential Equations	Dual Enrollment at Bay West	3
PHYS 261 - Dynamics	Dual Enrollment at Bay West	3
CADD 120 - AutoCAD	Engineering and Architectural Design/ KHS Campus	3
CSCI 121 - C++ Programming	Dual Enrollment at Bay West	3

- Students are not required to take all of these courses in the semester(s) suggested here. They are also not required to take all courses in the sequence suggested here, though some courses may only be offered in certain semesters. Students should be in communication with their KHS school counselors regarding best sequencing for long-term course planning.
- The Humanities Elective (Spanish) could be taught on campus by a certified Bay instructor (Leah Rankin) as a concurrent enrollment course. This class at KHS could be Spanish II, III, or IV. Whichever KHS course most closely matches the syllabus for the Bay College Spanish course will be a concurrent enrollment class at KHS.