

Mathematics									
HCC Course	HISD Course Number	HISD Course Name	State Credit Value	College Credit Value	State Description/Alternate Name	PEIMS #	HS Prerequisite(s)	TSI Readiness/Notes	HCC Common Core
MATH 1314 - College Algebra	MTHH35DB	ALG 2B - DCH	0.5 of 1.0	3	Algebra II	03100600	Geometry AND Algebra II A	Preferred course for STEM majors.	Mathematics OR Component Area
MATH 1314 - College Algebra	MTHH82DA	INSMTH DCH A	0.5 of 1.0	3	Independent Study In Mathematics (First Time Taken)	03102500	Geometry AND Algebra II	Preferred course for STEM majors; Approval contingent on review of syllabus (HISD faculty).	Mathematics OR Component Area
MATH 1316 – Plane Trigonometry	MTHH45DA	PRECAL A - DCH	0.5 of 1.0	3	Precalculus	03101100	ALGEBRA 2A AND ALG 2B - DCH	Preferred course for STEM majors.	Mathematics OR Component Area
MATH 1316 – Plane Trigonometry	MTHH82DB	INSMTH DCH B	0.5 of 1.0	3	Independent Study In Mathematics (Second Time Taken)	03102501	Geometry AND Algebra II AND MATH 1314	Preferred course for STEM majors; Approval contingent on review of syllabus (HISD faculty).	Mathematics OR Component Area
MATH 2412 - Precalculus	MTHH45DB	PRECAL B - DCH	0.5 of 1.0	3	Precalculus	03101100	PRECAL A - DCH	Preferred course for STEM majors.	Mathematics OR Component Area
MATH 2412 - Precalculus	MTH2844A	IND STDY MTH 2A	0.5 of 1.0	3	Independent Study In Mathematics (Second Time Taken)	03102501	Geometry AND Algebra II AND MATH 1316	Preferred course for STEM majors; Approval contingent on review of syllabus (HISD faculty).	Mathematics OR Component Area
MATH 1324 - Mathematics for Business & Social Sciences	MTHH824D	INSMTH-1324 DCH	0.5 of 1.0	3	Independent Study In Mathematics (First Time Taken)	03102500	Geometry AND Algebra II	Preferred course for Business and Computer Science majors; Approval contingent on review of syllabus (HISD faculty).	Mathematics OR Component Area
MATH 1325 - Calculus for Business & Social Sciences	MTHH825D	INSMTH-1325 DCH	0.5 of 1.0	3	Independent Study In Mathematics (First Time Taken)	03102500	Geometry AND Algebra II	Approval contingent on review of syllabus (HISD faculty).	Mathematics OR Component Area
MATH 1332 - Contemporary Mathematics	MTHH82DA	INSMTH DCH A	0.5 of 1.0	3	Independent Study In Mathematics (First Time Taken)	03102500	Geometry AND Algebra II	Preferred course for Humanities, English, Fine Arts, and Workforce majors; Approval contingent on review of syllabus (HISD faculty).	Mathematics OR Component Area
MATH 1342 - Statistics	MTHH737A or MTHH737B	STATS A DCH or STATS B DCH	0.5 of 1.0	3	Statistics	03102530	Geometry AND Algebra II	Preferred course for Health Sciences, as well as Social & Behavioral science majors; Approval contingent on review of syllabus (HISD faculty).	Mathematics OR Component Area
MATH 1342 - Statistics	MTHH827D	INSMTH – 1342 DCH	0.5 of 1.0	3	Independent Study In Mathematics (First Time Taken)	03102500	Geometry AND Algebra II	Preferred course for Health Sciences, as well as Social & Behavioral science majors; Approval contingent on review of syllabus (HISD faculty).	Mathematics OR Component Area
ENGR 1201 - Introduction to Engineering	STE709A	ENG MATH A - DCH	0.5 of 1.0	2	Engineering Mathematics	13036700	Algebra II AND MATH 1314	CTE course; course can only be taught by HISD faculty	Not in HCC Core
ENGR 1204 - Engineering Graphics I	STE709B	ENG MATH B - DCH	0.5 of 1.0	2	Engineering Mathematics	13036700	Algebra II AND MATH 1314	CTE course; course can only be taught by HISD faculty	Not in HCC Core
ELPT 1315 - Electrical Calculations	STE709A	ENG MATH A - DCH	0.5 of 1.0	2	Engineering Mathematics	13036700	Algebra II	CTE course.	Not in HCC Core
PSYC 2317 - Statistical Methods in Psychology	MTHH737A or MTHH737B	STATS A DCH or STATS B DCH	0.5 of 1.0	3	Statistics	03102530	Geometry AND Algebra II	Preferred course for Health Sciences, as well as Social & Behavioral science majors; Approval contingent on review of syllabus (HISD faculty).	Mathematics OR Component Area