

Calculating the English Placement Index (EPI) and the Mathematics Placement Index (MPI)

[After the formulas for these indices were developed, the Compass placement tests (Compass scores are used in some of the formulas) were discontinued and were replaced by Accuplacer placement tests. For purposes of calculating indices, Accuplacer test scores must be converted to Compass test scores.]

Measure or Score	Recommended Maximum "Age"
SAT/ACT	7 years from date of administration
HSGPA	5 years from

There are multiple ways to calculate EPI and MPI depending on the information available about a student.

For institutions that require SAT or ACT for admission:

Student applies with:	EPI	MPI
SAT and HSGPA (sh)	$EPI_{sh} = (1603 * HSGPA) + SATV$	$MPI_{sh} = (291 * HSGPA) + SATM$
with COMPASS added (shc)**	$EPI_{shc} = EPI_{sh} + (.08 * (EPIc - EPI_{sh}))$	$MPI_{shc} = MPI_{sh} + (.25 * (MPIc - MPI_{sh}))$
SAT only (must take COMPASS)		
	$EPI_{sc} = (1.6 * SATV) + (27.5 * COMPASSR + 795)$	$MPI_{sc} = (1.7 * SATM) + (28 * COMPASSM)$
	$EPI_{lab} = (1553 * HSGPA) + (34 * (25 * ACTM))$	$MPI_{lab} = (208 * HSGPA) + (25 * ACTM)$
	$EPI_{shc} = EPI_{sh} + (.08 * (EPI_{sc} - EPI_{sh}))$	$MPI_{shc} = MPI_{sh} + (.25 * (MPI_{sc} - MPI_{sh}))$
	$EPI_{lab} = EPI_{lab} + (.08 * (EPI_{sc} - EPI_{lab}))$	$MPI_{lab} = MPI_{lab} + (.25 * (MPI_{sc} - MPI_{lab}))$
	$EPI_{shc} = EPI_{shc} + (.08 * (EPI_{lab} - EPI_{shc}))$	$MPI_{shc} = MPI_{shc} + (.25 * (MPI_{lab} - MPI_{shc}))$
ACT only (must take COMPASS)		
	$MPI_{lac} = (57 * ACTM) + (5.4 * COMPASSM)$	$EPI_{lac} = (122 * ACTE) + (26.3 * COMPASSR)$
	$MPI_{lac} = MPI_{lac} + (.08 * (MPI_{sc} - MPI_{lac}))$	$EPI_{lac} = EPI_{lac} + (.08 * (EPI_{sc} - EPI_{lac}))$
	$MPI_{lac} = MPI_{lac} + (.08 * (MPI_{lab} - MPI_{lac}))$	$EPI_{lac} = EPI_{lac} + (.08 * (EPI_{lab} - EPI_{lac}))$
	$MPI_{lac} = MPI_{lac} + (.08 * (MPI_{shc} - MPI_{lac}))$	$EPI_{lac} = EPI_{lac} + (.08 * (EPI_{shc} - EPI_{lac}))$
**Calculating EPI or MPI based on Compass only for use in formulas provided		
	$EPI_{sc} = 51.6 * (COMPASSR + 795)$	$MPI_{sc} = 10 * COMPASSM$

For institutions that do not require SAT or ACT for admission:

	EPI	MPI
Math 1101	70	80
Math 1102	70	80
Math 1103	70	80
Math 1104	70	80
Math 1105	70	80
Math 1106	70	80
Math 1107	70	80
Math 1108	70	80
Math 1109	70	80
Math 1110	70	80
Math 1111	70	80
Math 1112	70	80
Math 1113	70	80
Math 1114	70	80
Math 1115	70	80
Math 1116	70	80
Math 1117	70	80
Math 1118	70	80
Math 1119	70	80
Math 1120	70	80
Math 1121	70	80
Math 1122	70	80
Math 1123	70	80
Math 1124	70	80
Math 1125	70	80
Math 1126	70	80
Math 1127	70	80
Math 1128	70	80
Math 1129	70	80
Math 1130	70	80
Math 1131	70	80
Math 1132	70	80
Math 1133	70	80
Math 1134	70	80
Math 1135	70	80
Math 1136	70	80
Math 1137	70	80
Math 1138	70	80
Math 1139	70	80
Math 1140	70	80
Math 1141	70	80
Math 1142	70	80
Math 1143	70	80
Math 1144	70	80
Math 1145	70	80
Math 1146	70	80
Math 1147	70	80
Math 1148	70	80
Math 1149	70	80
Math 1150	70	80
Math 1151	70	80
Math 1152	70	80
Math 1153	70	80
Math 1154	70	80
Math 1155	70	80
Math 1156	70	80
Math 1157	70	80
Math 1158	70	80
Math 1159	70	80
Math 1160	70	80
Math 1161	70	80
Math 1162	70	80
Math 1163	70	80
Math 1164	70	80
Math 1165	70	80
Math 1166	70	80
Math 1167	70	80
Math 1168	70	80
Math 1169	70	80
Math 1170	70	80
Math 1171	70	80
Math 1172	70	80
Math 1173	70	80
Math 1174	70	80
Math 1175	70	80
Math 1176	70	80
Math 1177	70	80
Math 1178	70	80
Math 1179	70	80
Math 1180	70	80
Math 1181	70	80
Math 1182	70	80
Math 1183	70	80
Math 1184	70	80
Math 1185	70	80
Math 1186	70	80
Math 1187	70	80
Math 1188	70	80
Math 1189	70	80
Math 1190	70	80
Math 1191	70	80
Math 1192	70	80
Math 1193	70	80
Math 1194	70	80
Math 1195	70	80
Math 1196	70	80
Math 1197	70	80
Math 1198	70	80
Math 1199	70	80
Math 1200	70	80

Students with EPIs and MPIs equal to or greater than the minimum collegiate placement index scores listed below will be placed directly into the appropriate gateway college course(s). Note that because a higher level of preparation is required for success in Math 1111, a higher MPI will be required for direct placement into that course.