

2024-25 HGTC Courses for Dual-Enrollment Credit

HGTC courses on this list are the only courses eligible to be recorded on a student's high school transcript.

HGTC Course	HGTC Course Name	Requirements and course notes
ACC 101	Accounting Principles I	Must meet CCR requirement prior to enrollment
ACC 102	Accounting Principles II	Prerequisite: ACC 101
AET 101	Building Systems 1	CHS only - Requires completion of the 4 PLTW Engineering courses for completor status
ANT 101	General Anthropology	Must complete 3 social studies credits for HS Diploma prior to enrollment
ART 101	Art History and Appreciation	
ART 105	Film as Art	
BIO 101	Biological Science I	Requires successful completion of 3 high School science credits (must include HS biology) PRIOR to course enrollment
BIO 102	Biological Science II	Prerequisite: BIO 101 and requires successful completion of 3 high School science sredits (must include HS Biology) PRIOR to course enrollment
BIO 210	Anatomy and Physiology I	Requires successful completion of 3 high school science credits (must include HS Biology) PRIOR to course enrollment
BIO 211	Anatomy and Physiology II	Prerequisite: BIO 210 and requires successful completion of 3 high school science credits (must include HS Biology) PRIOR to course enrollment
CHM 110	College Chemistry I	Requires successful completion of 3 high school science credits (must include HS Biology and Chemistry) PRIOR to course enrollment
CHM 111	College Chemistry II	Prerequisite: CHM 110 and requires successful completion of 3 high school science credits (must include HS Biology and Chemistry) PRIOR to course enrollment
ECO 210	Macroeconomics	Requires successful completion of 3 high school social studies credits required for a diploma PRIOR to course enrollment
ECO 211	Microeconomics	Requires successful completion of 3 high school social studies credits required for a diploma PRIOR to course enrollment
EDU 201	Classroom Inquiry Through Technology	
EGR 170	Engineering Materials	CHS only - Requires completion of the 4 PLTW Engineering courses for completor status
EGR 260	Engineering Statics	CHS only - Requires completion of the 4 PLTW Engineering courses for completor status

EGR 270	Introduction to Engineering	CHS only - Requires completion of the 4 PLTW Engineering courses for completor status
EGT 275	Introduction to Engineering/Computer Graphics	CHS only - Requires completion of the 4 PLTW Engineering courses for completor status
ENG 101	English Composition I	To count as 4th English credit MUST be successfully completed with ENG 102
ENG 102	English Composition II	To count as 4th English credit MUST be successfully completed with ENG 101
ENG 201	American Lit 1	Requires successful completion of 4 English credits PRIOR to enrollment in the course if the course is being taken for elective credit
ENG 202	American Lit 2	Requires successful completion of 4 English credits PRIOR to enrollment in the course if the course is being taken for elective credit
ENG 203	American Lit Survey	Requires successful completion of 4 English credits PRIOR to enrollment in the course if the course is being taken for elective credit
ENG 205	English Lit 1	Requires successful completion of 4 English credits PRIOR to enrollment in the course if the course is being taken for elective credit
ENG 206	English Lit 2	Requires successful completion of 4 English credits PRIOR to enrollment in the course if the course is being taken for elective credit
ENG 208	World Lit 1	Requires successful completion of 4 English credits PRIOR to enrollment in the course if the course is being taken for elective credit
ENG 209	World Lit 2	Requires successful completion of 4 English credits PRIOR to enrollment in the course if the course is being taken for elective credit
ENG 214	Fiction	Requires successful completion of 4 English credits PRIOR to enrollment in the course if the course is being taken for elective credit
ENG 218	Drama	Requires successful completion of 4 English credits PRIOR to enrollment in the course if the course is being taken for elective credit
ENG 222	Poetry	Requires successful completion of 4 English credits PRIOR to enrollment in the course if the course is being taken for elective credit
ENG 230	Women in Lit	Requires successful completion of 4 English credits PRIOR to enrollment in the course if the course is being taken for elective credit
ENG 236	African American Lit	Requires successful completion of 4 English credits PRIOR to enrollment in the course if the course is being taken for elective credit
ENG 260	Advanced Tech Communications	Requires successful completion of 4 English credits PRIOR to enrollment in the course if the course is being taken for elective credit
FRE 101	Elementary French I	Requires successful completion of 2 HS French credits PRIOR to course enrollment

FRE 102	Elementary French 2	Prerequisite FRE 101 and requires successful completion of 2 high school French credits PRIOR to course enrollment
GEO 101	Introduction to Geography	Requires the successful completion of 3 high school social studies credits required for a diploma PRIOR to course enrollment
GEO 102	World Geography	Requires the successful completion of 3 high school social studies credits required for a diploma PRIOR to course enrollment
GER 101	Elementary German I	Requires successful completion of 2 HS German credits PRIOR to course enrollment
GER 102	Elementary German 2	Prerequisite GER 101 and requires successful completion of 2 high school German credits PRIOR to course enrollment
HIS 101	Western Civilization to 1689	Requires successful completion of 3 high school Social studies credits required for a diploma PRIOR to course enrollment
HIS 102	Western Civilations Post 1689	Requires successful completion of 3 high school social studies credits required for a diploma PRIOR to course enrollment
HIS 201	American History: Disc to 1877	ECHS ONLY - To take HIS 201 and HIS 202 in lieu of high school US History requires successful completion of two high school history credits PRIOR to enrollment in HIS 201 and HIS 202 and completion of the EOCEP at ECHS All Other Schools - Requires successful completion of 3 history credits (including HS US History) PRIOR to enrollment in the course
HIS 202	American History: 1877 to Pres	ECHS ONLY - To take HIS 201 and HIS 202 in lieu of high school US History requires successful completion of two high school history credits PRIOR to enrollment in HIS 201 and HIS 202 and completion of the EOCEP at ECHS All Other Schools - Requires successful completion of 3 history credits (including HS US History) PRIOR to enrollment in the course
MAT 122	Finite College Mathematics	Requires successful completion of 4 high school math credits PRIOR to course enrollment
MAT 130	Elementary Calculus	Requires successful completion of 4 high school math credits PRIOR to course enrollment
MAT 140	Analytical Geometry and Calc I	Prerequisites: MAT 111 and requires successful completion of 4 high school math credits PRIOR to course enrollment
MAT 141	Analytical Geometry and Calc 2	Prerequisites: MAT 140 and requires successful completion of 4 high school math credits PRIOR to course enrollment
MUS 105	Music Appreciation	
PHI 101	Introduction to Philosophy	
PHI 105	Introduction to Logic	

PHI 110	Ethics	
PHY 201	Physics 1	Requires successful completion of 3 high school science credits (including biology) PRIOR to course enrollment
PHY 202	Physics 2	Requires successful completion of 3 high school science credits (including biology) PRIOR to course enrollment
PSC 201	American Government	Requires successful completion of 3 high school social studies credits required for a diploma PRIOR to course enrollment
PSY 201	General Psychology	Must complete 3 social studies credits for HS diploma prior to enrollment
PSY 203	Human Growth and Development	Must complete 3 social studies credits for HS diploma prior to enrollment
SOC 101	Introduction to Sociology	Must complete 3 social studies credits for HS diploma prior to enrollment
SPA 101	Elementary Spanish I	Requires the successful completion of 2 HS Spanish credits PRIOR to course enrollment
SPA 102	Elementary Spanish II	Prerequisite SPA 101 and requires successful completion of 2 HS Spanish credits PRIOR to course enrollment
SPC 205	Public Speaking	
THE 101	Introduction to Theatre	
Specialized Dual-Enrollment Programs		
HCS Technical Scholars Welding Program		
HGTC Course	HGTC Course Name	Requirements and course notes
WLD 103	Print Reading I	Only available for students selected through application process (CP Weight)-Fall Semester
WLD 106	Gas and Arc Welding	Only available for students selected through application process (CP Weight)-Fall Semester
WLD 110	Welding Safety and Health	Only available for students selected through application process (CP Weight)-Fall Semester
WLD 111	Arc Welding I	Only available for students selected through application process (CP Weight)-Fall Semester
WLD 201	Welding Metallurgy	Only available for students selected through application process (CP Weight)-Fall Semester
WLD 113	Arc Welding II	Only available for students selected through application process (CP Weight)-Spring Semester

WLD 132	Inert Gas Welding Ferrous	Only available for students selected through application process (CP Weight)-Spring Semester
WLD 154	Pipe Titting and Welding	Only available for students selected through application process (CP Weight)-Spring Semester
HCS Technical Scholars Cybersecurity Program		
HGTC Course	HGTC Course Name	Requirements and course notes
IST 201	Cisco Internet Concepts	Only available for students selected through application process - junior year-fall semester-CS graduation requirement must be completed prior to enrollment
IST 266	Internet & Firewall Security	Only available for students selected through application process-junior year-fall semester-CS graduation requirement must be completed prior to enrollment
IST 202	Cisco Router Configuration	Only available for students selected through application process-junior year-spring semester-CS graduation requirement must be completed prior to enrollment
IST 293	IT and Data Assurance I	Only available for students selected through application process-junior year-spring semester-CS graduation requirement must be completed prior to enrollment
CPT 282	Information Systems Security	Only available for students selected through application process-senior year-fall semester-CS graduation requirement must be completed prior to enrollment
CPT 168	Programming & Logic Design	Only available for students selected through application process-senior year-fall semester-CS graduation requirement must be completed prior to enrollment
IST 268	Computer Forensics	Only available for students selected through application process-senior year-spring semester-CS graduation requirement must be completed prior to enrollment
IST 215	Health Information Networking	Only available for students selected through application process-senior year-spring semester-CS graduation requirement must be completed prior to enrollment
Elementary Education, Middle School Education, Special Education and Physical Education Teacher Pathway 2+2 transfer agreement with HGTC and		
HGTC Course	HGTC Course Name	Requirements and course notes
ECD 101	Early Childhood Development	CCU equivalent EDUC 276
EDUC 111	Introduction to Education	CCU course (Teacher Cadet)
EDU 201	Classroom Inquiry with Technology	CCU equivalent EDUC 204
EDU 290	Children's Literature	
High School Teacher Education Pathway 2+2 transfer agreement with HGTC and CCU		
HGTC Course	HGTC Course Name	Requirements and course notes
EDUC 111	Introduction to Education	CCU course (Teacher Cadet)
EDUC 201	Classroom Inquiry with Technology	CCU equivalent EDUC 204

