

**HARFORD COUNTY PUBLIC SCHOOLS-HARFORD COMMUNITY COLLEGE  
2021-2022 DUAL CREDIT COURSE ALIGNMENT**

*Updated: September 10, 2021*

Dept.	HCC Course Number and Title (Long Title)	HCPS Transcript Course # (Course)	HCPS Transcript Course Title (Short Title)	HCPS Credit	School and Program of Study	If fulfills HCPS course, then which course credit?	HCPS-HCC Dual Credit Course Type: Graduation Requirement or Elective
BE	HCC ECON 101 Macroeconomics	BE31W05	HCC ECON 101	1	Edgewood High School (Academy of Finance)	Noted courses meet course requirement for "Business Pathway Completer" Business and Entrepreneurship Capstone via Dual Enrollment.	
BE	HCC ACCT 101 Accounting Principles 101	BE46W05	HCC ACCT 101	1			
BE	HCC ACCT 102 Accounting Principles 102	BE47W06	HCC ACCT 102	1			
BE	HCC BA 101 Introduction to Business	BE48W05	HCC BA 101	1			
BE	HCC BA 110 Introduction to Entrepreneurship	BE49W15	HCC BA 110	1			
BE	HCC BA 203 Principles of Marketing	BE50W05	HCC BA 203	1			
BE	HCC ECON 102 Microeconomics	BE51W05	HCC ECON 102	1			
BE	HCC ACCT 108 Computerized Accounting	BE53W05	HCC ACCT 108	1			
BE	HCC BA 103 Public Relations	BE54W05	HCC BA 103	1			
BE	HCC BA 109 Principles of Management	BE55W05	HCC BA 109	1			
BE	HCC BA 130 Introduction to Supply Chain Management	BE56W05	HCC BA 130	1			
BE	HCC CIS 102 Introduction to Information Sciences	BE57W01	HCC CIS 102	1	Harford Technical High School (CISCO)	Dual enrollment of BE57, BE63, and BE64 constitute for 1 high school credit in CT30	
BE	HCC ECON 106 Consumer Economics and Personal Finance	BE58W05	HCC ECON 106	1		Noted courses meet course requirement for "Business Pathway Completer" Business and Entrepreneurship Capstone via Dual Enrollment.	
BE	HCC FIN 100 Personal Finance	BE59W05	HCC FIN 100	1			
BE	HCC ISS 105 Introduction to Cybersecurity	BE60W05	HCC ISS 105	1			
BE	HCC OS 116 Communication Technologies	BE61W05	HCC OS 116	1			
BE	HCC OS 129 Introduction to Office Procedures and Management	BE62W05	HCC OS 129	1			
BE	HCC CIS 104 Computer Operating Systems	BE63W01	HCC CIS 104	1	Harford Technical High School (CISCO) Joppatowne High School (PTECH)	Dual enrollment of BE57, BE63, and BE 64 constitute for 1 high school credit in CT30	
BE	HCC CIS 210 Fundamentals of Network Security	BE64W01	HCC CIS 210	1	Harford Technical High School (CISCO)	Dual enrollment of BE57, BE63, and BE 64 constitute for 1 high school credit in CT30	
BE	HCC CADD 265 Solidworks	BE65W01 BE65W02 BE65W03	HCC CADD 265	1	Harford Technical High School (Drafting and Design Technology)	TE11* Advanced Design Applications	
CT	HCC CIS 274 Cooperative Education: CIS (Internship)	BE67W32	HCC CIS 247	1	Joppatowne High School (PTECH)		
CT	HCC CIS 272 Cooperative Education: CIS (Internship)	BE68W32	HCC CIS 272	1	Joppatowne High School (PTECH)		
CT	HCC ISS 222 Computer Forensics (Online)	BE69W32	HCC ISS 222	1	Joppatowne High School (PTECH)		
CT	HCC ISS 221 Net. Def. & Countermeasures	BE70W32	HCC ISS 221	1	Joppatowne High School (PTECH)		
CT	HCC ISS 213 Cisco 3	BE72W32 BE72W33	HCC ISS 213	1	Harford Technical High School (CISCO) Joppatowne High School (PTECH)		Elective
CT	HCC CIS 211 MS Windows Server OS	BE73W32 BE73W33	HCC CIS 211	1	Joppatowne High School (PTECH)		
CT	HCC CIS 203 Computer Systems & Procedures	BE74W32	HCC CIS 203	1	Joppatowne High School (PTECH)		
CT	HCC CIS 115 Fundamentals of Programming	BE76W32 BE76W33	HCC CIS 115	1	Joppatowne High School (PTECH)		
CT	HCC ISS 112 Cisco 2	BE77W32	HCC ISS 112	1	Joppatowne High School (PTECH)		Elective
CT	HCC BIO 119 Biology for Health Professionals	CA32W01	HCC BIO 119	1	All high schools		Elective
CT	HCC EXCS 201 Fitness Assessment and Program Design	CA33W01	HCC EXCS 201	1	Harford Technical High School (Academy of Health Professions Physical Rehabilitation, Certified Nursing Assistant)	CT63* Allied Health Internship	
CT	HCC EXCS 283 Exercise Science Internship	CA34W09	HCC EXCS 283	1	Harford Technical High School		
CT	HCC CIS 135 Introduction to Networks	CA35W32	HCC CIS 135	1	Joppatowne High School (PTECH)		
CT	HCC ISS 220 Strategic Infrs. Security	CA36W32	HCC ISS 220	1	Joppatowne High School (PTECH)		
CT	HCC ISS 111 Cisco 1	CA37W32	HCC ISS 111	1	Joppatowne High School (PTECH)		Elective
CT	HCC CMST 101 Speech Fundamentals (GI)	CA38W32	HCC CMST 101	1	Bel Air High School, Swan Creek School, North Harford High School, Patterson Mill High School (IMP)		Elective
CT	HCC MC 210 Introduction to Social Media (GI)	CA39W32	HCC MC 210	1	Bel Air High School, Swan Creek School, North Harford High School, Patterson Mill High School (IMP)		Elective
CT	HCC MC 105 Introduction to Journalism (GH)	CA40W32	HCC MC 105	1	Bel Air High School, Swan Creek School, North Harford High School, Patterson Mill High School (IMP)		Elective
CT	HCC MC 103 Television Studio Production	CA41W32	HCC MC 103	1	Bel Air High School, Swan Creek School, North Harford High School, Patterson Mill High School (IMP)		Elective

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CT	HCC MC 102 Audio Production	CA42W32	HCC MC 102	1	Bel Air High School, Swan Creek School, North Harford High School, Patterson Mill High School (IMP)		Elective
CT	HCC MC 101 Introduction to Electronic Media	CA43W32	HCC MC 101	1	Bel Air High School, Swan Creek School, North Harford High School, Patterson Mill High School (IMP)		Elective
CT	HCC ART 120 Digital Foundations I	CA44W32	HCC ART 120	1	Bel Air High School, Swan Creek School, North Harford High School, Patterson Mill High School (IMP)		Elective
CT	HCC ART 107 Fundamentals of 3-D Design	CA45W32	HCC ART 107	1	Bel Air High School, Swan Creek School, North Harford High School, Patterson Mill High School (IMP)		Elective
CT	HCC ART 101 Fundamentals of 2D Design	CA46W32	HCC ART 101	1	Bel Air High School, Swan Creek School, North Harford High School, Patterson Mill High School (IMP)		Elective
CT	HCC ISS 112 Cisco 2	CA47W32	HCC ISS 112	1	Harford Technical High School (CISCO)		
CT	HCC ISS 213 Cisco 3	CA48W32	HCC ISS 213	1	Harford Technical High School (CISCO)		
CT	HCC SDEV 100 Career and Life Planning	CT8605	HCC SDEV 100	1	All high schools except Harford Technical High School (Career Research and Development)	CT86* Career Development Preparation and Transition	Fulfills Graduation Requirement
CT	HCC EDUC 103 The Young Child	FC10W02	HCC EDUC 103	1	All high schools (Early Childhood Education)	FC11* Learning About Children	Fulfills Graduation Requirement
CT	HCC EDUC 104 Materials & Curriculum for Early Childhood	FC12W02	HCC EDUC 104	1	All high schools (Early Childhood Education)	FC12* Working with Children I	Fulfills Graduation Requirement
CT	HCC EDUC 101 Introduction to Education: Early Childhood through Secondary	FC13W02	HCC EDUC 101	1	All high schools (Early Childhood Education)	FC13* Working with Children II	Fulfills Graduation Requirement
EN	HCC ENG 101 English Composition	EN03W55	HCC ENG 101	0.5			
EN	HCC ENG 206 American Literature: Late 19th and 20th Centuries	EN03W56	HCC ENG 206	0.5		EN03* English III: ENG 101/206	Fulfills Graduation Requirement for EN03* (Grade 11)
EN	HCC ENG 102 English Composition and Literature	EN04W51	HCC ENG 102	1		EN04* English IV: If student successfully completed HCC ENG101/EN206 in grade 11. OR EN04* English IV: ENG 102 with Prerequisite of AP Language score of 4+	Fulfills Graduation Requirement for EN04* (Grade 12)
EN	HCC ENG 102 English Composition and Literature	EN04W55	HCC ENG 102	0.5			
EN	HCC ENG 204 English Literature: Survey of English Literature II	EN04W56	HCC ENG 204	0.5		EN04* English IV: ENG 102/204 is for a student who did not complete the HCC	Fulfills Graduation Requirement for EN04* (Grade 12)
EN	HCC ENG 101 English Composition	EN04W85	HCC ENG 101	0.5			
EN	HCC ENG 102 English Composition and Literature	EN04W86	HCC ENG 102	0.5		EN04* English IV: ENG 101/102 is for a student who did not complete the HCC	Fulfills Graduation Requirement for EN04* (Grade 12)
FA	HCC Art 109 Sculpture	AR3305	HCC Art 109	0.5			
FA	HCC Art 115 Ceramics	AR3405	HCC Art 115	0.5			
FA	HCC Art 101 Fundamentals of 2D Design	AR3505	HCC Art 101	0.5			
FA	HCC ART 103 Introduction to Graphic Communication	AR3705	HCC ART 103 (Prerequisite: req by HCC)	0.5			
FA	HCC ART 107 Fundamentals of 3D Design	AR3805	HCC ART 107	0.5			
FA	HCC ART 219 Sculpture II	AR4105	HCC ART 219 (Prerequisite: ART 109)	0.5			
FA	HCC ART 111 Studio Drawing I Observation	AR4205	HCC ART 111	0.5			
FA	HCC ART 213 Studio Drawing II Contemporary Practice	AR4305	HCC ART 213 (Prerequisite: ART 111)	0.5			
FA	HCC ART 221 Studio Drawing III Illustration	AR4405	HCC ART 221 (Prerequisite: ART 213)	0.5			
FA	HCC ART 113 Painting I	AR4605	HCC ART 113	0.5			
FA	HCC ART 214 Painting II	AR4705	HCC ART 214 (Prerequisite: Required by HCC)	0.5			
FA	HCC ART 220 Ceramics II	AR4805	HCC ART 220 (Prerequisite: ART 115)	0.5			
FA	HCC ART 120 Digital Foundations I	AR4905	HCC ART 120	0.5			
FA	HCC ART 208 Digital Foundations II	AR5005	HCC ART 208 (Prerequisite: ART 120)	0.5			
FA	HCC ART 207 Graphic Design	AR5405	HCC ART 207 (Prerequisite: Required by HCC)	0.5			
FA	HCC ART 233 Portfolio Workshop	AR5705	HCC ART 233 (Prerequisite: Required by HCC)	0.5			
FA	HCC PHOT 101 Black and White Photography I	AR6705	HCC PHOT 101	0.5			
FA	HCC PHOT 102 Black and White Photography II	AR6806	HCC PHOT 102 (Prerequisite: PHOT 101)	0.5			
FA	HCC PHOT 105 Photojournalism	AR6905	HCC PHOT 105 (Prerequisite: Required by HCC)	0.5			
					Fine Arts		• Fulfills Graduation Requirement or Elective • Must complete two HCC courses to meet 1 credit HCPS Fine Arts graduation requirement.

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FA	HCC PHOT 131 Digital Photography I	AR7005	HCC PHOT 131	0.5				
FA	HCC PHOT 202 Alternative Photography Processes	AR7105	HCC PHOT 202 (Prerequisite: Required by HCC)	0.5				
FA	HCC PHOT 206 Studio Lighting	AR7205	HCC PHOT 206 (Prerequisite: Required by HCC)	0.5				
FA	HCC PHOT 231 Digital Photography II	AR7305	HCC PHOT 231 (Prerequisite: Required by HCC)	0.5				
FA	HCC MUS 103 Music Theory I	MU6305	HCC MUS 103	0.5				
FA	HCC MUS 104 Music Theory II	MU6405	HCC MUS 104	0.5				
FA	HCC MUS 124 Vocal Performance Workshops	MU6505	HCC MUS 124 (other similar performance classes eligible)	0.5				
FA	HCC MUS 125 Vocal Performance Workshops	MU6605	HCC MUS 125 (other similar performance classes eligible)	0.5				
FC	HCC Soc 201 Marriage and Family	OD4835	HCC Soc 201	1		FC10* Independent and Family Living	Fulfills Graduation Requirement	
FL	HCC FR 101 Elementary French I	FL0181	HCC FR 101	1		FL01* French I	Fulfills Graduation Requirement	
FL	HCC FR 102 Elementary French II	FL0281	HCC FR 102	1		FL02* French II		
FL	HCC FR 201 Intermediate French I	FL0381	HCC FR 201	1		FL03* French III		
FL	HCC FR 202 Intermediate French II	FL04W81	HCC FR 202	1		FL04W* French IV		
FL	HCC SPAN 101 Elementary Spanish I	FL0781	HCC SPAN 101	1		FL07* Spanish I		
FL	HCC SPAN 102 Elementary Spanish II	FL0881	HCC SPAN 102	1		FL08* Spanish II		
FL	HCC SPAN 201 Intermediate Spanish I	FL0981	HCC SPAN 201	1		FL09* Spanish III		
FL	HCC SPAN 202 Intermediate Spanish II	FL10W81	HCC SPAN 202	1		FL10W* Spanish IV		
FL	HCC GER 101 Elementary German I	FL1381	HCC GER 101	1		FL13* German I		
FL	HCC GER 102 Elementary German II	FL1481	HCC GER 102	1		FL14* German II		
FL	HCC GER 201 Intermediate German I	FL1581	HCC GER 201	1		FL15* German III		
FL	HCC GER 202 Intermediate German II	FL16W81	HCC GER 202	1		FL16W* German IV		
FL	HCC ASL 102 201 American Sign Language II and American Sign Language III	FL4781	HCC ASL 102 201	1				Elective
HE	HCC Health 101 Contemporary Health Issues	HE0388	HCC Hlth 101	0.5		Meets a half-credit elective in Health		Elective
MA	HCC MATH 103 Trigonometry	MA09W15	HCC MATH 103 (Prerequisite: MA07 Algebra II)	1		MA09W* Honors Trigonometry	<ul style="list-style-type: none"> <li>• Each course can fulfill one mathematics credit.</li> <li>• Four mathematics credits are required for graduation and four years of mathematics enrollment in high school.</li> <li>• Students still must still earn one credit in Algebra I and one credit in Geometry.</li> </ul>	
MA	HCC MATH 109 Precalculus	MA10W02	HCC MATH 109 (Prerequisite: MA09 Honors Trigonometry)	1		MA10W* Honors Precalculus		
MA	HCC Math 216 Statistics	MA2412	HCC Math 216 (Prerequisite: MA07 Algebra II)	1		MA167* AP Statistics		
MA	HCC MATH 203 Calculus I	MA21W12	HCC MATH 203 (Prerequisite: HCPS MA10 Honors Precalculus)	1		MA127* AP Calculus AB		
MA	HCC MATH 204 Calculus II	MA22W13	HCC MATH 204 (Prerequisite: HCC Math 203 Calculus I or HCPS MA13 AP Calculus AB)	1		MA147* AP Calculus BC		
MA	HCC MATH 206 Calculus III	MA99W13	HCC MATH 206 (Prerequisite: Calculus II or AP Calculus BC)	1		MA99W* Calculus III		
MA	HCC MATH 210 Discrete Structures	MA23W18	HCC MATH 210 (Prerequisite: Calculus I or AP Calculus AB)	1				
MA	HCC MATH 217 Linear Algebra	MA31W12	HCC MATH 217 (Prerequisite: Calculus I or AP Calculus AB)	1		MA31* Linear Algebra		
MA	HCC MATH 208 Elementary Differential Equations	MA38W12	HCC MATH 208 (Prerequisite: Calculus II or AP Calculus BC)	1		MA38W* Differential Equations		
MA	HCC MATH 111 Introduction to Finite Mathematics	MA48W01	HCC MATH 111 (Prerequisite: HCPS MA07 Algebra II)	1				
MA	HCC CSI 131 Computer Science I	MA17W05	HCC CSI 131 (Prerequisite: MA07 Algebra II)	0.5			<ul style="list-style-type: none"> <li>• The two course together can fulfill one mathematics credit.</li> <li>• Four mathematics credits are required for graduation and four years of mathematics enrollment in high school.</li> </ul>	
MA	HCC CSI 132 Computer Science II	MA17W06	HCC CSI 132 (Prerequisite: HCC CS1131 Computer Science I or MA17W Computer Science I)	0.5				
MA	HCC MATH 211 Elements of Geometry	MA5005	HCC MATH 211 (Prerequisite: HCPS MA07 Algebra II)	0.5				
PE	HCC Fitness Walk 230	PE0365	HCC PE 230	0.5		PE03* Wellness Walking		
PE	HCC PE 137 Circuit Fitness	PE0486	HCC PE 137	0.5		PE04* Exerobics		
PE	HCC PE 229 Advanced Weight Training	PE0686	HCC PE 229	0.5		PE06* Weight Training I		
PE	HCC PE 228 Weight Training	PE0786	HCC PE 228	0.5		PE07* Weight Toning		

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SC	HCC ES 107 108 Earth Space Science and General Meteorology	SC01W81	HCC ES 107 108	1		SC01W* Honors Earth and Environmental Systems	• Fulfills Graduation Requirement • Both HCC Courses required for the one HCPS credit requirement
SC	HCC CHEM 111 112 General Chemistry I and II	SC04W81	HCC CHEM 111112	1		SC04W* Honors Chemistry	• Fulfills Graduation Requirement • Both HCC Courses required for the one HCPS credit requirement
SC	HCC PHYS 101 102 Introductory Physics I and II	SC06W81	HCC PHYS 101102	1		SC06W* Honors Physics	• Fulfills Graduation Requirement • Both HCC Courses required for the one HCPS credit requirement
SC	HCC BIO 205 Microbiology	SC12W85	HCC BIO 205	1		SC12W* Microbiology	Elective
SC	HCC BIO 203 Anatomy and Physiology I	SC13W81	HCC BIO 203	1		SC13W* Anatomy and Physiology	Elective
SC	HCC ASTR 151 Introduction to Astronomy	SC16W56	HCC ASTR 151	1		SC16* Astronomy	Elective
SC	HCC BIO 107 General Zoology	SC17W85	HCC BIO 107	1		SC17* Zoology	Elective
SC	HCC BIO 110 Introduction to Plant Sciences	SC18W85	HCC BIO 110	1		SC18* Botany	Elective
SC	HCC FS 100 Basic Forensic Science	SC21W05	HCC FS 100	1		SC21W* Forensic Science	Elective
SC	HCC SCI 105 107 Physical Science I and II	SC64W81	HCC SCI 105 107	1		SC64W* Honors Integrated Physics and Chemistry	• Fulfills Graduation Requirement • Both HCC Courses required for the one HCPS credit requirement
SS	HCC Political Science 101 American National Government and HCC Political Science 102 State and Local Government (HCC PS 101 102 American National Government and State Local Government)	SS01W81	HCC PS 101 HCC PS 102	1		SS01W* Honors American Government	Fulfills Graduation Requirement (or Elective) for Grades 11-12 only who have not yet met state requirement
SS	HCC History 110 World History II	SS02W81	HCC HIST 110	1		SS02W* Honors World History	Fulfills Graduation Requirement
SS	HCC History 103 History of the United States I	SS06W81	HCC HIST 103	1		Students must take SS05W81 HCC HIST 104 United States History II to meet graduation requirement. Students taking both HCC HIST 103 and HCC HIST 104 receive two credits: one elective and one social studies.	Elective
SS	HCC History 104 United States History II	SS05W81	HCC HIST 104	1		SS05W* Honors US History	Fulfills Graduation Requirement
SS	HCC CJ 101 Introduction to Criminal Justice	SS14W81	HCC CJ 101	1		SS14* Law in America	Elective
SS	HCC ECON 101 Macroeconomics	SS35W81	HCC ECON 101 Prerequisite Required by HCC: Eligibility for HCC ENG 101	1		SS357* AP Macroeconomics	Elective
SS	HCC ECON 102 Microeconomics	SS34W81	HCC ECON 102 Prerequisite Required by HCC: Eligibility for HCC ENG 101	1		SS347* AP Microeconomics	Elective
SS	HCC GEOG 102 Human Geography	SS21W81	HCC GEOG 102	1		SS217* AP Human Geography	Elective
SS	HCC GEOG 101 Physical Geography	SS16W81	HCC GEOG 101	1		SS16* World Geography	Elective
SS	HCC HIST 101 History of Western Civilization I	SS37W81	HCC HIST 101	1			Elective
SS	HCC HIST 102 History of Western Civilization II	SS04W81	HCC HIST 102	1		SS047* AP European History	Elective
SS	HCC History 109 World History I	SS03W81	HCC HIST 109	1		SS03W* AP World History <i>Note: Students must take SS02W81 HCC HIST 110 World History II to meet graduation requirement. Students taking both HCC HIST 109 and HCC HIST 110 receive two credits: one elective and one social studies.</i>	Elective
SS	HCC HIST 207 African American History	SS10W81	HCC HIST 207	1		SS10* African American History	Elective
SS	HCC PS 203 Comparative Politics and Governments	SS23W81	HCC PS 203	1		SS237* AP Comparative Government	Elective
SS	HCC PSY 101 General Psychology	SS09W81	HCC PSY 101	1		SS097* AP Psychology	Elective
SS	HCC SOC 101 Introduction to Sociology	SS30W61	HCC SOC 101	1		SS30W* College Sociology	Elective