DUAL ENROLLMENT and TRANSFER CREDIT GUIDE

between HARFORD COUNTY PUBLIC SCHOOLS and HARFORD COMMUNITY COLLEGE

2019-20 SCHOOL YEAR

Early college admission allows students to be dually enrolled and attend their high school and Harford Community College (HCC) concurrently. Students may enroll in HCC credit courses and may be able to use these courses for high school graduation requirements. Upon successful completion of the HCC course, the final grade is transferred to meet Harford County Public Schools (HCPS) graduation requirements, recorded on the high school transcript, and calculated as part of the official high school grade point average.

Students and Families: All courses intended to meet specific graduation requirements must receive prior approval from the Office of Middle and High School Performance. Please see your School Counselor if the course you are interested in is not listed in the *Dual Enrollment and Transfer Credit Guide*.

School Counselors: Contact the Office of Accountability if a desired course name and number are not available in the *Dual Enrollment and Transfer Credit Guide*.

CAREER AND TECHNOLOGY EDUCATION

Contact: Robert Limpert, Supervisor of Magnet and CTE Programs – 410-588-5244

HCC Course Number and Title	HCPS Course Number and Title for Scheduling/Transcript Purposes	HCPS Credit	Notes
ACCT 101 Accounting Principles I	BE46W05 HCC ACCT 101 Accounting Principles I*	0.5	HCC ACCT 101 meets course requirements for Bus Ent Capstone/ Dual Enrollment
ACCT 102 Accounting Principles II	BE47W06 HCC ACCT 102 Accounting Principles II*	0.5	HCC ACCT 102 meets course requirements for Bus Ent Capstone/ Dual Enrollment
BA 101 Introduction to Business	BE48W05 HCC BA 101 Introduction to Business*	0.5	HCC BA 101 meets course requirements for Bus Ent Capstone/ Dual Enrollment
BA 110 Introduction to Entrepreneurship	BE49W15 HCC BA 110 Introduction to Entrepreneurship*	0.5	HCC BA 110 meets course requirements for Bus Ent Capstone/ Dual Enrollment
BA 203 Principles of Marketing	BE50W05 HCC BA 203 Principles of Marketing*	0.5	HCC BA 203 meets course requirements for Bus Ent Capstone/ Dual Enrollment
ECON 101 Macroeconomics	BE31W05 HCC ECON 101 Macroeconomics*	0.5	HCC ECON 101 meets course requirements for Bus Ent Capstone/ Dual Enrollment
ECON 102 Microeconomics	BE51W05 HCC ECON 102 Microeconomics*	0.5	HCC ECON 101 meets course requirements for Bus Ent Capstone/ Dual Enrollment
SDEV 103 Career and Life Planning	CT8605 HCC SDEV 100 Career and Life Planning	1.0	HCC SDEV 103 meets course requirements for Career Development, Preparation, and Transition

Weighted credit issued when college course final grade returned and documented on student transcript.

ENGLISH

Contact: Kristine Scarry, Supervisor of English, Reading & Related Language Arts – 410-588-5221

Scenario 1 – A high school junior elects to take the junior and senior English requirements at HCC.

Course sequence: English 101 *and* English 206 (junior year)
English 102 *and* English 204 (senior year)

HCC Course Number and Title	HCPS Course Number and Title for Scheduling/Transcript Purposes	HCPS Credit	Notes
ENG 101 English Composition	EN03W55 HCC ENG 101 English Composition*	0.5	HCC ENG 101/206 meet course requirements for 1.0 credit (Grade 11)
ENG 206 American Literature: Late 19th and 20th Centuries	EN03W56 HCC ENG 206 American Literature: Late 19th and 20th Centuries*	0.5	HCC ENG 101/206 meet course requirements for 1.0 credit (Grade 11)
ENG 102 English Composition and Literature	EN04W55 HCC ENG 102 English Composition and Literature*	0.5	HCC ENG 102/204 meet course requirements for 1.0 credit (Grade 12)
ENG 204 English Literature: Survey of English Literature II	EN04W56 HCC ENG 204 English Literature: Survey of English Literature II*	0.5	HCC ENG 102/204 meet course requirements for 1.0 credit (Grade 12)

Weighted credit issued when college course final grade returned and documented on student transcript.

Scenario 2 – A high school senior elects to take the senior English requirement at HCC.

Course sequence: English 101 *and* either English 102 **or** English 204

HCC Course Number and Title	HCPS Course Number and Title for Scheduling/Transcript Purposes	HCPS Credit	Notes
ENG 101 English Composition	EN03W55 HCC ENG 101 English Composition*	0.5	HCC ENG 101/206 meet course requirements for 1.0 credit (Grade 11)
ENG 102 English Composition and Literature	EN04W55 HCC ENG 102 English Composition and Literature*	0.5	HCC ENG 101/102 meet course requirements for 1.0 credit (Grade 12)
ENG 204 English Literature: Survey of English Literature II	EN04W56 HCC ENG 204 English Literature: Survey of English Literature II*	0.5	HCC ENG 101/204 meet course requirements for 1.0 credit (Grade 12)

Weighted credit issued when college course final grade returned and documented on student transcript.

ENGLISH

Scenario 3 – A high school senior who scored a 3, 4, or 5 on the AP English Language Composition exam elects to take the senior English requirement at HCC.

Course sequence: English 102

Note: The student may elect to enroll in English 101 and English 102 if the student plans to attend an institute of higher learning that does not accept AP scores for credit.

HCC Course Number and Title	HCPS Course Number and Title for Scheduling/Transcript Purposes	HCPS Credit	Notes
ENG 102 English Composition and Literature	EN04W51 HCC ENG 102 English Composition and Literature*	1.0	Prerequisite: AP English Literature course and AP assessment score of 3+

*Weighted credit issued when college course final grade returned and documented on student transcript.

FINE ARTS

Contact: Jeffrey Winfield, Supervisor of Fine Arts – 410-588-5277

HCC Course Number and Title	HCPS Course Number and Title for Scheduling/Transcript Purposes	HCPS Credit	Notes
ART 101 Fundamentals of 2-D Design	AR3505 HCC ART 101 Fundamentals of 2-D Design	0.5	
ART 103 Introduction to Graphic Communication	AR3705 HCC ART 103 Introduction to Graphic Communication	0.5	Advanced Course, Prerequisite required
ART 107 Fundamentals of 3-D Design	AR3805 HCC ART 107 Fundamentals of 3D Design	0.5	
ART 108 Digital Media Culture	AR3905 HCC ART 108 Digital Media Culture	0.5	
ART 109 Sculpture I	AR3305 HCC ART 109 Sculpture I	0.5	
ART 219 Sculpture II	AR4105 HCC ART 219 Sculpture II	0.5	Advanced Course, Prerequisite ART 109
ART 111 Studio Drawing I Observation	AR4205 HCC ART 111 Studio Drawing I Observation	0.5	
ART 213 Studio Drawing II Contemporary Practice	AR4305 HCC ART 213 Studio Drawing II Contemporary Practice	0.5	Advanced Course, Prerequisite ART 111
ART 221 Studio Drawing III Illustration	AR4405 HCC ART 221 Studio Drawing III Illustration	0.5	Advanced Course, Prerequisite ART 213
ART 113 Painting I	AR4605 HCC ART 113 Painting I	0.5	
ART 214 Painting II	AR4705 HCC ART 214 Painting II	0.5	Advanced Course, Prerequisite required

FINE ARTS			
HCC Course Number and Title	**HCPS Course Number and Title for Scheduling/Transcript Purposes**	**HCPS Credit**	**Notes**
ART 115 Ceramics I	AR3405 HCC ART 115 Ceramics I	0.5	
ART 220 Ceramics II	AR4805 HCC ART 220 Ceramics II	0.5	Advanced Course, Prerequisite ART 115
ART 120 Digital Foundations I	AR4905 HCC ART 120 Digital Foundations I	0.5	
ART 208 Digital Foundations II	AR5005 HCC ART 208 Digital Foundations II	0.5	Advanced Course, Prerequisite ART 120
ART 122 Color: Art, Science and Culture	AR5105 HCC ART 122 Color: Art, Science, and Culture	0.5	
ART 160 Time-Based Media	AR5205 HCC ART 160 Time-Based Media	0.5	
ART 270 Multimedia II	AR5305 HCC ART 270 Multimedia II	0.5	Advanced Course, Prerequisite ART 160
ART 204 Typography	AR3605 HCC ART 204 Typography	0.5	
ART 207 Graphic Design	AR5405 HCC ART 207 Graphic Design	0.5	Advanced Course, Prerequisite required
ART 218 Printmaking	AR5505 HCC ART 218 Printmaking	0.5	
ART 229 Design for the Web	AR5605 HCC ART 229 Design for the Web	0.5	
ART 233 Portfolio Workshop	AR5705 HCC ART 233 Portfolio Workshop	0.5	Advanced Course, Prerequisite required
ART 201 History of Art: Ancient and Medieval	AR5805 HCC ART 201 History of Art: Ancient and Medieval	0.5	
ART 202 History of Art: Renaissance to Modern	AR5905 HCC ART 202 History of Art: Renaissance to Modern	0.5	
ART 203 Arts and Architecture of the United States	AR6005 HCC ART 203 Arts and Architecture of the United States	0.5	
ART 239 Asian Art and Culture	AR6105 HCC ART 239 Asian Art and Culture	0.5	
ART 240 Modern Art and Culture	AR6205 HCC ART 240 Modern Art and Culture	0.5	
MUS 103 Music Theory I	MU6305 HCC MUS 103 Music Theory I	0.5	
MUS 104 Music Theory II	MU6405 HCC MUS 104 Music Theory II	0.5	
MUS 124 Vocal Performance Workshops	MU6505 HCC MUS 124 Vocal Performance Workshops	0.5	Other similar performance classes may be eligible

FINE ARTS			
HCC Course Number and Title	**HCPS Course Number and Title for Scheduling/Transcript Purposes**	**HCPS Credit**	**Notes**
MUS 125 Vocal Performance Workshops	MU6605 HCC MUS 125 Vocal Performance Workshops	0.5	Other similar performance classes may be eligible
PHOT 101 Black and White Photography I	AR6705 HCC PHOT 101 Black and White Photography I	0.5	
PHOT 102 Black and White Photography II	AR6806 HCC PHOT 102 Black and White Photography II	0.5	Advanced Course, Prerequisite PHOT 101
PHOT 105 Photojournalism	AR6905 HCC PHOT 105 Photojournalism	0.5	Advanced Course, Prerequisite Required
PHOT 131 Digital Photography I	AR7005 HCC PHOT 131 Digital Photography I	0.5	
PHOT 202 Alternative Photography Processes	AR7105 HCC PHOT 202 Alternative Photography Processes	0.5	Advanced Course, Prerequisite Required
PHOT 206 Studio Lighting	AR7205 HCC PHOT 206 Studio Lighting	0.5	Advanced Course, Prerequisite Required
PHOT 231 Digital Photography II	AR7305 HCC PHOT 231 Digital Photography II	0.5	Advanced Course, Prerequisite Required

Note: Course numbers ending in '05' (ex. AR7305) are worth 0.5 credit meeting in the first semester. All AR and MU HCC courses also have the ending '06' worth 0.5 credit meeting in the second semester.

MATHEMATICS

Contact: Joanne McCord, Supervisor of Mathematics – 410-588-5303

The content of three Harford Community College transitional studies mathematics courses is offered as a single Harford County Public Schools Transitional mathematics course. Students may enroll in the HCPS course to **earn high school graduation credit**. This course **does not** meet Harford Community College graduation requirements.

HCC Course Number and Title	HCPS Course Number and Title for Scheduling/Transcript Purposes	HCPS Credit	Notes
MATH 021 PreAlgebra II MATH 022 Liberal Arts Track I MATH 023 Liberal Arts Track II	MA2701 HCC Trans Math (HCC Transitional Math 021 022 023)	1.0	Prerequisite: Algebra II • All students must take the HCC Placement Test and register for Math 021 through HCC. • In order to register for HCC Math 022, students must earn a C or better in Math 021. Students who do not earn a C or better in Math 021 will remain in the year-long HCPS course. • Students in HCPS MA2701 earn 1 HCPS mathematics credit if they pass the course with a D or better.

MATHEMATICS

The following Harford Community College mathematics courses are aligned with mathematics courses offered in Harford County Public Schools. Students may enroll in the HCC courses below to **earn high school graduation credit**. These courses **may** meet Harford Community College graduation requirements.

HCC Course Number and Title	HCPS Course Number and Title for Scheduling/Transcript Purposes	HCPS Credit	Notes
MATH 109 Precalculus	MA10W02 HCC MATH 109 Precalculus*	1.0	Prerequisite: HCPS MA09 Honors Trigonometry
MATH 203 Calculus I	MA21W12 HCC MATH 203 Calculus I*	1.0	Prerequisite: HCPS MA10 Honors Precalculus
MATH 204 Calculus II	MA22W13 HCC MATH 204 Calculus II*	1.0	Prerequisite: HCC Math 203 Calculus I or HCPS MA13 AP Calculus AB
MATH 216 Introduction to Statistics	MA2412 HCC MATH 216 Introduction to Statistics	1.0	Prerequisite: HCPS MA07 Algebra II
CS 131 Computer Science I	MA17W05 HCC CS 131 Computer Science I*	0.5	Prerequisite: HCPS MA07 Algebra II
CS 132 Computer Science II	MA17W06 HCC CS 132 Computer Science II*	0.5	Prerequisite: HCC CS1131 Computer Science I (HCPS 17W05)

Weighted credit issued when college course final grade returned and documented on student transcript.

The following Harford Community College mathematics courses are not offered in Harford County Public Schools; however, students may enroll in these courses through HCC to **earn high school graduation credit**. These courses **may** meet Harford Community College graduation requirements.

HCC Course Number and Title	HCPS Course Number and Title for Scheduling/Transcript Purposes	HCPS Credit	Notes
MATH 206 Calculus III	MA23W13 HCC MATH 206 Calculus III*	1.0	Prerequisite: Calculus II or AP Calculus BC
MATH 208 Elementary Differential Equations	MA38W12 HCC MATH 208 Elementary Differential Equations*	1.0	Prerequisite: Calculus II or AP Calculus BC
MATH 210 Discrete Structures	MA23W18 HCC MATH 210 Discrete Structures*	1.0	Prerequisite: Calculus I or AP Calculus AB
MATH 217 Linear Algebra	MA31W12 HCC MATH 217 Linear Algebra*	1.0	Prerequisite: Calculus I or AP Calculus AB

Weighted credit issued when college course final grade returned and documented on student transcript.

MATHEMATICS

The following Harford Community College mathematics courses have names similar to courses taught in Harford County Public Schools; however, the HCC course content is not aligned with associated HCPS course content. Completion of these courses does not meet prerequisite for subsequent HCPS mathematics courses. Students who have achieved senior status may request high school graduation credit for successfully completing any of the courses below. All requests must be submitted to the Supervisor of Mathematics prior to course enrollment.

HCC Course Number and Title	HCPS Course Number and Title for Scheduling/Transcript Purposes	HCPS Credit	Notes
MATH 024 STEM Track I	NC4401 HCC MATH 024 STEM Track I	0	Prerequisite: HCPS MA07 Algebra II
MATH 025 STEM Track II	NC4501 HCC MATH 025 STEM Track II	0	Prerequisite: HCPS MA07 Algebra II
MATH 026 STEM Track III	NC4601 HCC MATH 026 STEM Track III	0	Prerequisite: HCPS MA07 Algebra II
MATH 024 MATH 025 MATH 026 STEM Track I, II, & III	MA4701 HCC STEM Track MATH 024, 025, 026 STEM Track I, II, III	1.0	Prerequisite: HCPS MA07 Algebra II
MATH 101 College Algebra	MA25W01 HCC MATH 101 College Algebra*	1.0	Prerequisite: HCPS MA07 Algebra II
MATH 102 Contemporary Mathematics	MA2605 HCC MATH 102 Contemporary Mathematics	0.5	Prerequisite: HCPS MA07 Algebra II
MATH 103 Trigonometry	MA23W15 HCC MATH 103 Trigonometry*	1.0	Prerequisite: HCPS MA07 Algebra II
MATH 111 Introduction to Finite Mathematics	MA48W01 HCC MATH 111 Introduction to Finite Mathematics*	1.0	Prerequisite: HCPS MA07 Algebra II
MATH 131 Concepts in Mathematics	MA4905 HCC MATH 131 Concepts in Mathematics	0.5	Prerequisite: HCPS MA07 Algebra II
MATH 211 Elements of Geometry	MA5005 HCC MATH 211 Elements of Geometry	0.5	Prerequisite: HCPS MA07 Algebra II

Weighted credit issued when college course final grade returned and documented on student transcript.

PHYSICAL EDUCATION

Contact: Deborah Basler, Supervisor of High School Physical Education – 410-588-5249			
1 credit (HCC) to a 0.5 credit (HCPS)			
HCC Course Number and Title	**HCPS Course Number and Title for Scheduling/Transcript Purposes**	**HCPS Credit**	**Notes**
PE 230 Wellness Walking (on-line and in-person)	PE0315 HCC PE 230 Wellness Walking	0.5	Equivalent credit to HCPS course PE03
PE 228 Weight Training	PE0786 HCC PE 228 Weight Training	0.5	Equivalent credit to HCPS course PE07
PE 229 Advanced Weight Training	PE0686 HCC PE 229 Advanced Weight Training	0.5	Equivalent credit to HCPS course PE06
PE 137 Circuit Fitness	PE0486 HCC PE 137 Circuit Fitness	0.5	Equivalent credit to HCPS course PE04

SCIENCE

Contact: Andrew Renzulli, Supervisor of Science – 410-588-5295			
HCC Course Number and Title	**HCPS Course Number and Title for Scheduling/Transcript Purposes**	**HCPS Credit**	**Notes**
ASTR 151 Introduction to Astronomy	SC16W56 HCC ASTR 151 Introduction to Astronomy 151*	1.0	
BIO 107 General Zoology	SC17W85 HCC BIO 107 General Zoology*	1.0	
BIO 203 Anatomy and Physiology I	SC13W81 HCC BIO 203 Anatomy and Physiology I*	1.0	
BIO 205 Microbiology	SC12W85 HCC BIO 205 Microbiology*	1.0	
BIO 110 Introduction to Plant Sciences	SC18W85 HCC BIO 110 Introduction to Plant Sciences*	1.0	
CHEM 111 General Chemistry I and CHEM 112 General Chemistry II	SC04W81 HCC CHEM 111 112 General Chemistry I and General Chemistry II*	1.0	
ES 107 Earth and Space Science and ES 108 General Meteorology	SC01W81 HCC ES 107 108 Earth Space Science and General Meteorology*	1.0	
ENV 111 Introduction to Environmental Science	SC08W81 HCC ENV 111 Introduction to Environmental Science*	1.0	
FS 100 Basic Forensic Science	SC21W05 HCC FS 100 Basic Forensic Science*	1.0	

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SCIENCE			
HCC Course Number and Title	**HCPS Course Number and Title for Scheduling/Transcript Purposes**	**HCPS Credit**	**Notes**
PHYS 101 Introductory Physics I and PHYS 102 Introductory Physics II	SC06W81 HCC PHYS 101102 Introductory Physics I and Introductory Physics II*	1.0	
SCI 105 Physical Science I and SCI 107 Physical Science II	SC64W81 HCC SCI 105107 Physical Science I and Physical Science II*	1.0	

Weighted credit issued when college course final grade returned and documented on student transcript.

SOCIAL STUDIES			
Contact: George Toepfer, Supervisor of Social Studies – 410-588-5222			
HCC Course Number and Title	**HCPS Course Number and Title for Scheduling/Transcript Purposes**	**HCPS Credit**	**Notes**
HIST 109 World History I and HIST 110 World History II	SS01W81 HCC HIST 109110 World History I and World History II*	1.0	HCC HIST 109/110 meet course requirements for World History
HIST 103 History of the United States I and HIST 104 History of the United States II	SS05W81 HCC HIST 103104 History of the United States I and History of the United States II*	1.0	HCC HIST 103/104 meet course requirements for US History
PS 101 American National Government and PS 102 State Local Government	SS02W81 HCC PS 101 102 American National Government and State Local Government*	1.0	HCC PS 101/102 meet course requirements for American Government

Weighted credit issued when college course final grade returned and documented on student transcript.

WORLD LANGUAGE

Contact: Kimberly Banks, Supervisor of World Languages – 410-588-5218

HCC Course Number and Title	HCPS Course Number and Title for Scheduling/Transcript Purposes	HCPS Credit	Notes
FR 101 Elementary French I and FR 102 Elementary French II	FL0181 HCC FR 101 102 Elementary French I and Elementary French II	1.0	HCC FR 101/102 meet HCPS course requirements for French I
FR 201 Intermediate French I and FR 202 Intermediate French II	FL0281 HCC FR 201 202 Intermediate French I and Intermediate French II	1.0	HCC FR 201/202 meet HCPS course requirements for French II
GER 101 Elementary German I and GER 102 Elementary German II	FL1381 HCC GER 101 102 Elementary German I and Elementary German II	1.0	HCC GER 101/102 meet HCPS course requirements for German I
GER 201 Intermediate German I and GER 202 Intermediate German II	FL1481 HCC GER 201 202 Intermediate German I and Intermediate German II	1.0	HCC GER 201/202 meet HCPS course requirements for German II
SPAN 101 Elementary Spanish I and SPAN 102 Elementary Spanish II	FL0781 HCC SPAN 101 102 Elementary Spanish I and Elementary Spanish II	1.0	HCC SPAN 101/102 meet HCPS course requirements for Spanish I
SPAN 201 Intermediate Spanish I and SPAN 202 Intermediate Spanish II	FL0881 HCC SPAN 201 202 Intermediate Spanish I and Intermediate Spanish II	1.0	HCC SPAN 201/202 meet HCPS course requirements for Spanish II