

ARTICULATION COORDINATING COMMITTEE MEETING

Agenda

May 28, 2008

Turlington Bldg, 1721/25

Tallahassee, FL

9:30-12:00- 1706 Standing Committee on Postsecondary Transition
9:30-12:00 – 1721/25 Standing Committee on Postsecondary Articulation Policy
1:00 p.m.-4:00-1721/25 Full ACC Meeting

1. Chairperson's Welcome	Dr. Ed Massey
Approval	
2. Approval: Minutes from February 27, 2008 ACC Meeting	Dr. Ed Massey
3. Approval: Reconciliation of Dual Enrollment Equivalency List/Bright Futures Comprehensive Course Table (CCT)	Dr. Heather Sherry
4. Approval: Prerequisites for new community college baccalaureate programs	Ms. Judy Dial
5. Approval: Lower Division Teacher Education Experience	Ms. Pat Frohe
6. Approval: Credit-by-Exam Equivalency List update	Mr. Matthew Bouck
7. Approval: Industry Certification in AAS/AS in Networking Services Technology Statewide Articulation Agreement; and Industry Certification to AAS/AS in Computer Engineering Technology Statewide Articulation Agreement	Mr. Duane Hume
Discussion	
8. Legislative update	Dr. Frances Haithcock Dr. Will Holcombe
9. Go Higher! Florida/American Diploma Project	Dr. Judy Bilsky
10. Common Prerequisite survey update	Ms. Lynda Page
11. FACTS update	Dr. Connie Graunke
12. Workforce update	Ms. Loretta Costin
13. Report from Standing Committee on K-12 to Postsecondary Transition	Dr. Jill White Dr. Walt Christy
14. Report from Standing Committee on Postsecondary Articulation Policy	Dr. Dottie Minear
15. General updates: <ul style="list-style-type: none"> • Course Code Directory • BOG Regulation 6.006 – Acceleration Mechanisms, High School Feedback Report, Performance on Common Placement Tests, University of Florida statewide dual enrollment agreements 	Dr. Heather Sherry

Next ACC meeting: October 22, 2008

MINUTES
ARTICULATION COORDINATING COMMITTEE MEETING
February 27, 2008

<p>A meeting of the Articulation Coordinating Committee (ACC) was held on Wednesday, February 27, 2008, at the Turlington Building in Tallahassee, Florida. At 1:00 p.m., Chairman, Dr. Edwin Massey, called the meeting to order.</p>	
Members Present	<p>Dr. Judith Bilsky, Division of Community Colleges Dr. Walter Christy, Brevard Public Schools Dr. Christine Cothron, First Coast Technical College Ms. Anna Cowin, Lake County Public Schools Dr. Charles Dassance, Central Florida Community Colleges Ms. Brenda Dickenson, nonpublic secondary education Dr. Frances Haithcock, Division of Public Schools Mr. Christopher Krampert, Florida Student Association Dr. Bruce Janasiewicz, Florida State University Dr. Bonnie Marmor, Division of Workforce Education (proxy for Lucy Hadi) Dr. Edwin Massey, Indian River Community College (Chair) Dr. Terry McMahan, Hodges University Dr. Dottie Minear, State University System, Board of Governors Dr. Robert Sullins, University of South Florida Dr. Jill White, Okaloosa-Walton College Dr. Heather Sherry, Office of Articulation (staff)</p>
Members Absent	<p>Mrs. Carlene Anderson, Walton County Public Schools Dr. Stephen Calabro, Southwest Florida College Dr. Gita Pitter, Florida A&M University</p>
1. Chairperson's Comments	<p>Dr. Ed Massey welcomed the committee members and the audience, and introduced Dr. Eric J. Smith, Commissioner of Education, to address the group. Dr. Smith expressed his belief in the critical importance of the work that the Articulation Coordinating Committee (ACC) does to ensure the success of our young people in progressing smoothly through the pre-K through 20 education system toward their educational goals. Citing recent data that shows improvements in various areas of student achievement (the Quality Counts Report), Commissioner Smith underscored that Florida has much to be proud of. However, he noted that there is still work to be done, particularly in the area of student preparedness for postsecondary education. He asserted that the State Board of Education recognizes that Florida needs to close the gaps between secondary and postsecondary education, and that the board has recently adopted the recommendations of the Go Higher Florida! Task Force. These recommendations focus on the need for better alignment between Florida's secondary and postsecondary systems, and encourage Florida to participate in the American Diploma Project which is working nationally to promote similar goals.</p> <p>Dr. Massey shared with Commissioner Smith that other states (Texas, in particular) are working to develop articulation systems mirroring Florida's articulation efforts given the successes in Florida. He emphasized that Florida is facing a difficult budget situation which could negatively impact articulation if the system is not protected in both good times and bad. He emphasized the work of the committee and the dedication of the members over the years to enhance Florida's articulation efforts and stressed the importance of protecting those students currently in the pipeline.</p>

	<p>Commissioner Smith acknowledged that articulation is one of the hallmarks of Florida’s education system, emphasizing that the high level of coordination is distinctive given Florida’s size. He thanked the committee members for their time and dedication to this effort, and pledged to work with the committee to “fuzzy up the boundaries” between education sectors to keep working toward a seamless transition for students.</p> <p>Dr. Massey welcomed new members to the committee: Dr. Frances Haitcock (Chancellor, Division of Public Schools); Mr. Christopher Krampert (Florida Student Association); and Dr. Dottie Minear (Vice Chancellor, State university System of Florida). The chair asked members of the committee and the audience to introduce themselves.</p>
<p>Approval:</p>	
<p>2. Approval of Minutes from October 24, 2007 Meeting</p>	<p>Dr. Massey asked for a motion for approval of the minutes of the October 2007, meeting of the ACC. Motion was seconded and unanimously approved.</p>
<p>3. Approval: Industry certification to AAS/AS degree in Engineering Technology statewide articulation agreement</p>	<p>Mr. Eric Owens presented an Action Item for committee approval for a Statewide Articulation Agreement awarding college credit hours for an industry certification credential. The proposal provides for the awarding of fifteen (15) college credit hours to the AAS/AS Degree in Engineering Technology to any holder of the Manufacturing Skills Standards Council’s credential of “Certified Production Technician”. Validation mechanisms include credit held in escrow pending successful completion of nine (9) credit hours in the program and meeting standard admission policies. The proposed agreement was recommended for approval and passed unanimously pending a revision to the agreement indicating that “The Engineering Technology Support Specialist, College Credit Certificate may not be awarded based on articulated credit.” The statement has been inserted in the agreement and the document is being submitted for inclusion in the Agreements for Statewide Articulation.</p>
<p>4. Approval: AS to BS articulation validation for seven PSAV to AAS/AS articulation programs that have an AS to BS component</p>	<p>Mr. Matthew Bouck presented the results of a specific review of PSAV to AAS/AS articulation agreements. In 2005-2006, faculty groups developed articulation agreements between Postsecondary Adult Vocational programs and Associate in Applied Science/Associate in Science programs. These were completed in two phases and approved by the Articulation Coordinating Committee (ACC).</p> <p>Phase I 10 approved agreements ACC Approval: February 22, 2006 Phase II 30 approved agreements ACC Approval: February 28, 2007</p> <p>At the February 28, 2007, ACC meeting there was discussion regarding additional proposed agreements that are linked to existing AS to BA/BS statewide agreements. Since faculty credential guidelines are different for varying levels of instruction, the initial committees who reviewed the agreements attempted to establish a validation mechanism for each program that must be used before transfer credit is granted. The ACC members expressed a desire to ensure that those validation mechanisms were sufficient to measure quality of instruction and student learning outcomes. The ACC approved selected PSAV-AAS/AS agreements but delayed approval of those linked PSAV - AAS/AS - BA/BS agreements until they can be further reviewed by faculty committees with representation from state universities.</p> <p>Four committees composed of representatives from each institution offering the BS program (including community college representatives from the SCNS) acted as reviewers for the PSAV-AAS/AS validation mechanism. Each committee member was to approve or deny the validation mechanism used as appropriate for the award of college credit. These committees reviewed the</p>

	following agreements		
	PSAV Program	AAS/AS Program	University Program
	Correctional Officer	Criminal Justice Technology	Criminal Justice
	Law Enforcement Officer		
	Computer Systems Technology	Computer Engineering Technology	Information Systems Technology
	Network Support Services		
	Network Systems Administration		
	PC Support Services		
	Wireless Telecommunications		
	Electronics Technology	Electronics Engineering Technology	Electronics Engineering Technology
	Electronics Technology	Electronics Engineering Technology	Engineering Technology General
	Lodging Operations	Hospitality & Tourism Management	Hospitality Admin/Mgmt (non AACSB)
	Practical Nursing	Registered Nursing	Nursing
	<p>The review committees approved the validation mechanisms for all the PSAV to AAS/AS agreements except the Lodging Operations program. ACC staff will work with this committee to ascertain the rationale for this denial.</p> <p>The ACC approved all the PSAV articulation agreements except Lodging Operations.</p>		

Discussion:	
5. Workforce articulation – implementation of SB 1232	<p>Ms. Gayle Manley provided an overview of the Florida Career and Professional Education (CAPE) Act that was created to provide a statewide planning partnership between business and education communities, to expand and retain high-value industry, and sustain a vibrant state economy. Career and professional academies will enable students to matriculate easily to both postsecondary education and the workforce.</p> <p>Participating public high schools are required to offer a rigorous and relevant curriculum that leads to (1) industry-recognized certification in high-demand occupations; (2) the award of a standard high school diploma; and (3) opportunities for high school students to simultaneously earn college credit.</p> <p>School districts must develop, in collaboration with local workforce boards and the postsecondary community, strategic 5-year plans that objectively address the needs of local and regional workforce through the development and implementation of academies. Two or more school districts are authorized to collaborate in developing and offering career academies, provided the strategic plan is approved by the Agency for Workforce Innovation (AWI) and that certain requirements are met. The strategic plan must include provisions for at least one career and professional academy to be operational in the school district</p>

	<p>at the beginning of the 2008-2009 school year.</p> <p>The State Board of Education must establish an expedited process for the continuous review of newly proposed rigorous and relevant core high school courses and decisions regarding course eligibility must be made within 60 days. Approved courses would be included in the Course Code Directory and also considered for possible dual enrollment and postsecondary credit.</p> <p>The bill requires AWI to identify appropriate industry certification based on the highest national standards available. Local workforce boards and academies may request additions to the list of industry certifications, provided requests are based upon high-demand labor needs of the regional workforce economy. The AWI will publish annually an updated list of industry certifications to be used within the career academies.</p> <p>The Department of Education must work with Workforce Florida, Inc. and Enterprise Florida in the collection and analysis of academic achievement and performance data of academy students. An evaluation plan and self-assessment tool would be required to determine outcomes such as graduation rates, achievement of industry certification, postsecondary enrollment, satisfaction of business and industry, employment rates, earnings and awards of scholarships and postsecondary credit.</p> <p>The Florida Education Finance Program (FEFP) is revised to provide supplemental weighted funding for students enrolled in career and professional academies, provided the instruction leads to industry certification for enrolled students upon academy completion.</p>
<p>6. Transition of technical centers to Statewide Course Numbering System electronic transcript</p>	<p>Ms. Beth Gladden and Ms. Jennifer Roberts from the Division of Workforce Education presented information on the SCNS project. This project will require Technical Centers to utilize course numbers from the SCNS for PSAV programs in order to comply with the law (F.S. 1007.24). This will also enable Technical Centers to use consistent and standard measures to track student performance and program completion. It is projected that for the 2009-2010 school year all Technical Centers will use the SCNS for student registration, student transcripts, and front-end data reporting.</p> <p>Ms. Belinda Chason presented an update on the status of the Career and Technical Education Centers common Electronic Transcript designed to facilitate portability and flexibility for students. The Division of Workforce is developing the format with the assistance of the K20 Applications Development Group and five pilot sites. The pilot sites are from Suwannee County, Orange County, Pasco County, Hillsborough County and Sarasota County. According to project timelines, implementation should begin in the fall of 2008.</p>
<p>7. New program submission form – Division of Workforce Education</p>	<p>Mr. Andy Anderman provided information on the new Program Submission Form. The revamped form provides the information necessary to review the programs and check if they are in compliance with Florida Statutes, State Board rule, numbered memos and various federal (Perkins) community college rules. The new part of the form is the signature block to ensure that appropriate supervisors were included in the process and have given their approval for the submission.</p>
<p>8. Career and technical education program length/course standards</p>	<p>Mr. Andy Anderman provided information on Career and Technical program length and course standards. The document provides a concise set of data on standard program lengths and Occupational Completion Points (OCPs) for programs in career education. The information from selected data fields provides a quick reference about career education programs. The data collected is used in Appendixes I and S of the Workforce Development Information</p>

	<p>System (WDIS). The user guide is available online at the Community College and Technical Center MIS website: http://www.fldoe.org/arm/cctcmis/workforce_vocational.asp</p>
9. Course Code Directory – 2007-08 update; course descriptions; and new standards database	<p>Mr. Keith (Jr) Sheets updated the full ACC on the CCD with a presentation explaining where we were, where we are now, and where we are headed with the project. I briefly demonstrated the now “live” standards database site (www.floridastandards.org) and began to explain how the CCD will be built into that online system.</p> <p>Mr. Sheets then presented a power-point demonstration showing what the complete, comprehensive online system will entail when all is said and done (though, more may be added and/or implemented). This included details on the CCD project’s status and outlook for 2008.</p>
10. New common prerequisites	<p>Ms. Lynda Page presented two technical additions to the <i>Common Prerequisite Manual</i>. The first was a correction to the University of South Florida Hospitality Administration/ Management common prerequisite page under Classification of Instructional Code (CIP) 52.0901. This program originally had ACGX011 required with ACGX001 as an alternative to ACGX021. During the transferring of information from the hard copy <i>Manual</i> to web-based, ACGX011 was moved as a prerequisite by it self and not as an alternative in combination. The technical change will correct this mistake.</p> <p>The second technical change was adding ACGX022 as a substitute for ACGX021 whenever it is listed in the business degree program common prerequisite pages. Statewide Course Numbering has indicated that the two cover the same information, with ACGX022 covering it in more depth.</p>
11. Report from Standing Committee on Postsecondary Transition	<p>The committee reviewed a revised version of the criteria for approval of statewide (single site) dual enrollment agreements. The criteria includes information on the approval process, a sample format for developing statewide agreements, and a copy of the Dual Enrollment Statement of Standards that was adopted by the Community College Council of Presidents and endorsed by the ACC in February, 2007. The University of Florida submitted two program proposals for review – the Student Science Training Program (SSTP) and the Young Entrepreneurs for Leadership & Change (YELC). The committee reviewed each proposal and made suggestions regarding the need for more information about how applicants will demonstrate readiness for college level writing, given that there is no required readiness assessment and one of the courses in the SSTP agreement meets Gordon Rule requirements. Ms. Sara Day from the University Florida agreed to provide the additional information requested. In addition, one of the courses in the YELC program was listed as an upper-level course and concerns were raised about dual enrollment students (i.e. high school students) taking upper-level courses. Ms. Day was asked to confirm the level of the course and find out whether other lower division students at the University of Florida were permitted to enroll in the course. The Committee agreed that once these questions were addressed they would provide review the agreements again and vote for approval via e-mail. Ms. Day provided the needed information and the agreements were sent via e-mail to the committee in March. The committee voted unanimously to approve and send forward for the Commissioner’s signature.</p> <p>Ms. Lillian Finn presented to the committee on the implementation process for high school Major Areas of Interest (MAI). Ms. Finn described the role of the school districts in proposing majors and indicated that there are currently 449 MAIS that have been approved statewide. In addition, she described the process and timeline for individual high schools to select the specific MAIs and courses that they plan to offer to their students. Ms. Julie Alexander presented</p>

Articulation Coordinating Committee

May 28, 2008

Item 3

**Subject: Reconciliation of Dual Enrollment Equivalency List/Bright Futures
Comprehensive Course Table (CCT)**

PROPOSED COMMITTEE ACTION

Approval: Reconciliation of Dual Enrollment Equivalency List/Bright Futures
Comprehensive Course Table (CCT).

Supporting Documentation: Materials included in the packet

Facilitators/Presenter: Dr. Heather Sherry

**DUAL ENROLLMENT COURSE – HIGH SCHOOL SUBJECT AREA
EQUIVALENCY LIST
Effective Date: July 2008**

ELECTIVES

Current law allows for any course in the Statewide Course Numbering System, with the exception of remedial courses and Physical Education skills courses, to be offered as dual enrollment. Three-credit (or equivalent) postsecondary courses taken through dual enrollment that are not listed below shall be awarded 0.5 high school credits, either as an elective or as designated in the local interinstitutional articulation agreement.

FOREIGN LANGUAGE COURSES: All four-credit foreign language courses (including American Sign Language) shall be awarded one full high school credit.

*** Indicates courses that all community colleges and universities offer or accept in transfer as a part of their general education requirements.*

Please note: PSY X012 "Introduction to Psychology" is also offered or accepted by all institutions as a part of their general education programs, but is a high school elective, and therefore not included on this list.

ENGLISH

POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED	GE
AML	X	000	SURVEY OF AMERICAN LITERATURE	English	0.5	
AML	X	001	INTRODUCTION TO AMERICAN FOLKLORE	English	0.5	
AML	X	010	American Literature I: Colonial to the Civil War	English	1.0	
AML	X	011	American Literature I: Colonial to 1875	English	1.0	
AML	X	012	American Literature I: Colonial to 1900	English	1.0	
AML	X	020	American Literature II: Civil War to Present	English	1.0	
AML	X	021	American Literature II: 1875 to Present	English	1.0	
AML	X	022	American Literature II: 1900 to Present	English	1.0	**
AML	X	023	American Literature: 1900 to the Present	English	1.0	
AML	X	050	MODERN AMERICAN LITERATURE	English	0.5	
AML	X	070	SURVEY OF AMERICAN LITERATURE	English	0.5	
AML	X	300	MAJOR AMERICAN AUTHORS	English	0.5	
AML	X	301	Studies in Individual American Authors	English	1.0	
AML	X	410	ISSUES IN AMERICAN LITERATURE AND CULTURE	English	0.5	
ENC	X	101	Freshman Composition Skills I	English	1.0	**
ENC	X	102	Freshman Composition Skills II	English	1.0	**
ENC	X	107	Advanced College Writing	English	1.0	
ENC	X	121	Honors Freshman Composition Skills I	English	1.0	
ENC	X	122	Honors Freshman Composition Skills II	English	1.0	
ENC	X	123	Honors Introduction to Writing	English	1.0	
ENC	X	133	LIBRARY RESEARCH AND WRITING	English	0.5	
ENC	X	135	ARGUMENT AND PERSUASION (NON-GORDON)	English	0.5	
ENC	X	141	Writing About Literature	English	1.0	
ENC	X	144	FRESHMAN ARTICLE AND ESSAY WORKSHOP	English	0.5	
ENC	X	145	Freshman Special Topics Composition	English	1.0	
ENC	X	210	Technical Report Writing	English	0.5	
ENC	X	300	Intermediate Composition	English	1.0	
ENC	X	301	Advanced Composition	English	1.0	
ENC	X	302	Advanced Composition II	English	1.0	
ENC	X	305	Topics in Advanced Composition	English	1.0	
ENC	X	321	Advanced Composition	English	1.0	
ENG	X	012	APPROACHES TO LITERARY CRITICISM	English	0.5	

POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED	GE
ENL	X	000	British Literature Survey:Comprehensive	English	1.0	
ENL	X	010	English Literature to 1660	English	1.0	
ENL	X	011	English Literature to 1750	English	1.0	
ENL	X	012	English Literature to 1798	English	1.0	
ENL	X	020	English Literature since 1660	English	1.0	
ENL	X	021	English Literature since 1750	English	1.0	
ENL	X	022	English Literature since 1798	English	1.0	
ENL	X	230	RESTORATION AND 18TH CENTURY LITERATURE	English	0.5	
ENL	X	251	VICTORIAN AND EDWARDIAN LITERATURE	English	0.5	
ENL	X	273	MODERN BRITISH LITERATURE	English	0.5	
ENL	X	280	CONTEMPORARY BRITISH LITERATURE	English	0.5	
LIN	X	670	Writing and Grammar	English	0.5	
LIN	X	742	English Grammar and Style	English	0.5	
LIT	X	000	Introduction to Literature	English	1.0	
LIT	X	081	Introduction to Modern Literature	English	1.0	
LIT	X	090	Contemporary Literature	English	0.5	
LIT	X	100	World Literature	English	1.0	
LIT	X	110	World Literature through Renaissance	English	1.0	
LIT	X	118	Honors World Literature I	English	1.0	
LIT	X	120	World Literature since Renaissance	English	1.0	
LIT	X	128	Honors World Literature II	English	1.0	

MATHEMATICS

POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED	GE
MAA	X	102	Advanced Multivariable Calculus I	Mathematics	1.0	
MAC	X	105	College Algebra	Mathematics	1.0	**
MAC	X	106	Combined College Algebra/Pre-Calculus	Mathematics	1.0	
MAC	X	107	College Algebra II	Mathematics	1.0	
MAC	X	114	Trigonometry	Mathematics	1.0	**
MAC	X	133	COLLEGE ALGEBRA AND TRIG. II	Mathematics	1.0	
MAC	X	140	Precalculus Algebra	Mathematics	1.0	**
MAC	X	145	PRECALCULUS MATH	Mathematics	1.0	
MAC	X	147	Precalculus Algebra/Trigonometry	Mathematics	1.0	**
MAC	X	154	Analytic Geometry	Mathematics	1.0	
MAC	X	223	Calculus For Architecture I	Mathematics	1.0	
MAC	X	233	Calculus For Business I	Mathematics	1.0	**
MAC	X	234	Calculus For Business & Soc. Science II	Mathematics	1.0	
MAC	X	241	Life Science Calculus I	Mathematics	1.0	
MAC	X	242	Life Science Calculus II	Mathematics	1.0	
MAC	X	253	Calculus For Engineering Technology I	Mathematics	1.0	
MAC	X	254	Calc. For Engineering Technology II	Mathematics	1.0	
MAC	X	281	Engineering Calculus I	Mathematics	1.0	
MAC	X	282	Engineering Calculus II	Mathematics	1.0	
MAC	X	283	Engineering Calculus III	Mathematics	1.0	
MAC	X	300	Calculus	Mathematics	1.0	
MAC	X	311	Calculus I	Mathematics	1.0	**
MAC	X	312	Calculus II	Mathematics	1.0	**
MAC	X	313	Calculus III	Mathematics	1.0	**
MAC	X	331	Integrated Math I	Mathematics	1.0	
MAC	X	332	Integrated Math II	Mathematics	1.0	
MAC	X	333	Integrated Math III	Mathematics	1.0	
MAC	X	334	Integrated Math IV	Mathematics	1.0	
MAC	X	421	Calculus With Differential Equations I	Mathematics	1.0	

POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED	GE
MAC	X	422	Calculus With Differential Equations II	Mathematics	1.0	
MAC	X	423	Calculus With Differential Equations III	Mathematics	1.0	
MAC	X	472	Honors Calculus I	Mathematics	1.0	
MAC	X	473	Honors Calculus II	Mathematics	1.0	
MAC	X	474	Honors Calculus III	Mathematics	1.0	
MAD	X	100	APPLICATIONS-ORIENTED ALGEBRA	Mathematics	1.0	
MAD	X	104	DISCRETE MATHEMATICS	Mathematics	1.0	
MAD	X	401	Numerical Analysis	Mathematics	1.0	
MAP	X	302	Differential Equations	Mathematics	1.0	**
MAP	X	401	Advanced Differential Equations	Mathematics	1.0	
MAS	X	103	Linear Algebra	Mathematics	1.0	
MAS	X	105	Linear Algebra	Mathematics	1.0	
MAS	X	106	LINEAR ALGEBRA I	Mathematics	1.0	
MAS	X	121	Linear Operations and Differential Equations	Mathematics	1.0	
MAS	X	300	Numbers and Polynomials	Mathematics	1.0	
MAT	X	033	Intermediate Algebra	Mathematics	0.5	
MGF	X	106	Liberal Arts Mathematics I	Mathematics	1.0	**
MGF	X	107	Liberal Arts Mathematics II	Mathematics	1.0	**
MGF	X	108	Honors Mathematical Ideas & Explorations	Mathematics	1.0	
MGF	X	111	Geometry And Measurement	Mathematics	1.0	
MGF	X	112	Informal Logic	Mathematics	1.0	
MGF	X	113	Mathematics For Teachers I	Mathematics	1.0	
MGF	X	114	Mathematics For Teacher II	Mathematics	1.0	
MGF	X	120	Basic Probability (L)	Mathematics	1.0	
MGF	X	131	SOFTWARE SOLUTIONS FOR MATHEMATICS	Mathematics	1.0	
MGF	X	210	Finite Mathematics	Mathematics	1.0	
MGF	X	214	FINITE MATH-TAUGHT THROUGH ENVIRONMENT	Mathematics	1.0	
MHF	X	300	ELEMENTARY MATHEMATICAL LOGIC	Mathematics	1.0	
MTG	X	204	INFORMAL GEOMETRY	Mathematics	1.0	
MTG	X	206	College Geometry	Mathematics	1.0	
MTG	X	212	College Geometry	Mathematics	1.0	
QMB	X	100	BASIC BUSINESS STATISTICS	Mathematics	1.0	
STA	X	013	Basic Descript. & Inferential Statistics	Mathematics	1.0	
STA	X	014	Descriptive and Inferential Statistics	Mathematics	1.0	
STA	X	021	Introd. to Statistics and Probability	Mathematics	1.0	
STA	X	022	Basic Statistics	Mathematics	1.0	
STA	X	023	Statistical Methods I	Mathematics	1.0	
STA	X	037	Statistics with Calculus	Mathematics	1.0	
STA	X	122	Statistical Applic. in Social Science I	Mathematics	1.0	

PERFORMING/FINE ARTS

Subject area credit in Performing/Fine Arts is awarded for approved courses regardless of whether a lab is taken with the course.

All performing fine arts courses must be taken for 3 or more college credit hours in order to be guaranteed 0.5 high school credits.

POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
ARC	X	301	Architectural Design I	Performing Fine Arts	0.5
ARC	X	701	Architectural Development	Performing Fine Arts	0.5
ARH	X	000	Art Appreciation	Performing Fine Arts	0.5

POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
ARH	X	002	THE ARTISTIC EXPERIENCE	Performing Fine Arts	0.5
ARH	X	003	Purposes Of Art	Performing Fine Arts	0.5
ARH	X	006	History Of Visual Ideas I	Performing Fine Arts	0.5
ARH	X	010	INTRODUCTION TO ART HISTORY	Performing Fine Arts	0.5
ARH	X	050	Art History I	Performing Fine Arts	0.5
ARH	X	051	Art History II	Performing Fine Arts	0.5
ARH	X	052	INTRODUCTION TO ART HISTORY III	Performing Fine Arts	0.5
ARH	X	060	THE HISTORY OF ARCHITECTURE	Performing Fine Arts	0.5
ARH	X	402	ART HISTORY 3	Performing Fine Arts	0.5
ARH	X	411	Art History: Modern Art	Performing Fine Arts	0.5
ARH	X	500	INTRODUCTION TO NON-WESTERN ART	Performing Fine Arts	0.5
ART	X	001	Studio Art For Nonmajors	Performing Fine Arts	0.5
ART	X	003	Studio Art For Majors	Performing Fine Arts	0.5
ART	X	100	Crafts I	Performing Fine Arts	0.5
ART	X	110	Ceramics I	Performing Fine Arts	0.5
ART	X	111	Ceramics II	Performing Fine Arts	0.5
ART	X	130	FABRIC/FIBER I, LOWER	Performing Fine Arts	0.5
ART	X	150	METALS I, LOWER	Performing Fine Arts	0.5
ART	X	162	WOOD, METAL, AND PLASTICS	Performing Fine Arts	0.5
ART	X	181	Stained Glass	Performing Fine Arts	0.5
ART	X	201	Design I	Performing Fine Arts	0.5
ART	X	202	DESIGN II, LOWER (2-D)	Performing Fine Arts	0.5
ART	X	203	Design III	Performing Fine Arts	0.5
ART	X	205	Color And Composition	Performing Fine Arts	0.5
ART	X	220	FORM AND SPACE	Performing Fine Arts	0.5
ART	X	230	Communication Design I	Performing Fine Arts	0.5
ART	X	253	Illustration I	Performing Fine Arts	0.5
ART	X	280	SERIAL CONTENT & CLASSIC FORM I	Performing Fine Arts	0.5
ART	X	300	Drawing I	Performing Fine Arts	0.5
ART	X	301	Drawing II	Performing Fine Arts	0.5
ART	X	302	Drawing III	Performing Fine Arts	0.5
ART	X	310	DRAWING I, UPPER	Performing Fine Arts	0.5
ART	X	330	Drawing	Performing Fine Arts	0.5
ART	X	332	FIGURE DRAWING I, UPPER	Performing Fine Arts	0.5
ART	X	340	Beginning Illustrations	Performing Fine Arts	0.5
ART	X	375	Drawing	Performing Fine Arts	0.5
ART	X	400	Printmaking I	Performing Fine Arts	0.5
ART	X	401	PRINTMAKING II	Performing Fine Arts	0.5
ART	X	500	Painting I	Performing Fine Arts	0.5
ART	X	501	Painting II	Performing Fine Arts	0.5
ART	X	502	Painting III	Performing Fine Arts	0.5
ART	X	503	Painting IV	Performing Fine Arts	0.5
ART	X	510	Painting I	Performing Fine Arts	0.5
ART	X	520	ADVANCED PAINTING	Performing Fine Arts	0.5
ART	X	600	Electronic Media I	Performing Fine Arts	0.5
ART	X	601	Electronic Media II	Performing Fine Arts	0.5
ART	X	602	DIGITAL IMAGING	Performing Fine Arts	0.5
ART	X	613	ELECTRONIC MEDIA IV	Performing Fine Arts	0.5
ART	X	701	Sculpture I	Performing Fine Arts	0.5
ART	X	702	SCULPTURE II	Performing Fine Arts	0.5
ART	X	703	SCULPTURE II (ALTERNATE NUMBER)	Performing Fine Arts	0.5
ART	X	710	ADVANCED SCULPTURE	Performing Fine Arts	0.5
ART	X	750	Ceramics I	Performing Fine Arts	0.5
ART	X	751	Ceramics II	Performing Fine Arts	0.5
ART	X	752	WHEEL THROWING I	Performing Fine Arts	0.5
ART	X	759	CERAMIC STUDIO I	Performing Fine Arts	0.5
ART	X	760	CERAMICS I	Performing Fine Arts	0.5
ART	X	761	CERAMICS II	Performing Fine Arts	0.5
ART	X	768	CERAMIC SCULPTURE	Performing Fine Arts	0.5
ART	X	802	ART WORKSHOP: RESEARCH AND PRACTICE	Performing Fine Arts	0.5
ART	X	803	ART WORKSHOP: RESEARCH AND PRACTICE	Performing Fine Arts	0.5
ART	X	820	VISUAL THINKING	Performing Fine Arts	0.5

POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
DAA	X	100	Modern Dance I	Performing Fine Arts	0.5
DAA	X	101	Basic Contemporary Dance	Performing Fine Arts	0.5
DAA	X	102	CONTEMPORARY/MODERN DANCE III FOR NON-MAJORS (L)	Performing Fine Arts	0.5
DAA	X	104	Contemporary Dance I	Performing Fine Arts	0.5
DAA	X	200	BALLET	Performing Fine Arts	0.5
DAA	X	201	BALLET II FOR NON-MAJORS (L)	Performing Fine Arts	0.5
DAN	X	100	Introduction to Dance	Performing Fine Arts	0.5
DAN	X	600	MUSIC AND DANCE (SINGLE COURSE) (L)	Performing Fine Arts	0.5
DAN	X	757	PILATES TECHNIQUE FOR THE DANCER	Performing Fine Arts	0.5
DIG	X	115	DIGITAL IMAGING	Performing Fine Arts	0.5
FIL	X	000	Introduction To Film Studies	Performing Fine Arts	0.5
FIL	X	001	INTRODUCTION TO FILM PRODUCTION	Performing Fine Arts	0.5
FIL	X	002	Appreciation Of Film I	Performing Fine Arts	0.5
FIL	X	030	HISTORY OF MOTION PICTURES	Performing Fine Arts	0.5
FIL	X	031	HISTORY OF FILM I	Performing Fine Arts	0.5
FIL	X	100	SCREEN WRITING	Performing Fine Arts	0.5
FIL	X	200	Film Production	Performing Fine Arts	0.5
FIL	X	400	History Of Motion Pictures	Performing Fine Arts	0.5
FIL	X	420	INTRODUCTION TO FILM PRODUCTION I (L)	Performing Fine Arts	0.5
FIL	X	423	FILMMAKING I (L)	Performing Fine Arts	0.5
FIL	X	506	Critical Methods	Performing Fine Arts	0.5
GRA	X	101	GRAPHIC DESIGN FOR NON-MAJORS	Performing Fine Arts	0.5
GRA	X	111	GRAPHIC DESIGN I	Performing Fine Arts	0.5
GRA	X	122	DESKTOP PUBLISHING	Performing Fine Arts	0.5
GRA	X	151	Computer Graphics I	Performing Fine Arts	0.5
GRA	X	152	Computer Graphics II	Performing Fine Arts	0.5
GRA	X	190	Graphics Design I	Performing Fine Arts	0.5
GRA	X	191	Graphics Design II	Performing Fine Arts	0.5
GRA	X	500	Introduction To Graphic Arts	Performing Fine Arts	0.5
GRA	X	543	Graphic Design	Performing Fine Arts	0.5
GRA	X	740	Presentations	Performing Fine Arts	0.5
GRA	X	743	Commercial Illustration	Performing Fine Arts	0.5
GRA	X	802	Computer Graphics For Artists	Performing Fine Arts	0.5
MUE	X	290	MUSIC SKILLS - - NONMUSIC MAJORS	Performing Fine Arts	0.5
MUH	X	011	Music Appreciation I	Performing Fine Arts	0.5
MUH	X	012	INTRO TO MUSIC HISTORY-APPREC II	Performing Fine Arts	0.5
MUH	X	017	CONTEMPORARY JAZZ	Performing Fine Arts	0.5
MUH	X	018	Jazz History And Appreciation	Performing Fine Arts	0.5
MUH	X	051	MUSIC/TRIBAL & FOLK CULTURES-NONMAJOR	Performing Fine Arts	0.5
MUH	X	052	CONTEMPORARY MUSIC CULTURES	Performing Fine Arts	0.5
MUH	X	110	Introduction To Music History & Lit	Performing Fine Arts	0.5
MUH	X	111	INTRODUCTION TO MUS HISTORY I	Performing Fine Arts	0.5
MUH	X	112	INTRODUCTION TO MUSIC HISTORY	Performing Fine Arts	0.5
MUH	X	371	20 th Century Music	Performing Fine Arts	0.5
MUH	X	632	MUSIC IN THE UNITED STATES	Performing Fine Arts	0.5
MUL	X	010	Music Appreciation	Performing Fine Arts	0.5
MUL	X	110	Survey Of Music Literature	Performing Fine Arts	0.5
MUL	X	111	INTRO TO MUS LIT I (MUSIC MAJORS)	Performing Fine Arts	0.5
MUL	X	112	INTRO TO MUS LIT II (MUSIC MAJORS)	Performing Fine Arts	0.5
MUL	X	380	Jazz And Popular Music In America	Performing Fine Arts	0.5
MUM	X	600	Recording Techniques	Performing Fine Arts	0.5
MUN	X	310	College Chorus	Performing Fine Arts	0.5
MUN	X	340	Chamber Singers	Performing Fine Arts	0.5
MUN	X	450	Piano Ensemble	Performing Fine Arts	0.5
MUS	X	360	Music and Computers	Performing Fine Arts	0.5
MUS	X	550	Music Technology	Performing Fine Arts	0.5
MUT	X	001	Fundamentals of Music	Performing Fine Arts	0.5
MUT	X	011	Music Theory For Nonmajors	Performing Fine Arts	0.5
MUT	X	111	Music Theory I	Performing Fine Arts	0.5
MUT	X	112	MUSIC THEORY II	Performing Fine Arts	0.5
MUT	X	116	2ND YR MUSIC THEORY I	Performing Fine Arts	0.5

POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
MUT	X	117	2ND YR MUSIC THEORY II	Performing Fine Arts	0.5
MUT	X	121	Music Theory I	Performing Fine Arts	0.5
MUT	X	122	Music Theory II	Performing Fine Arts	0.5
MUT	X	126	Music Theory III	Performing Fine Arts	0.5
MUT	X	127	Music Theory IV	Performing Fine Arts	0.5
PGY	X	100	Basic Photography For Nonmajors	Performing Fine Arts	0.5
PGY	X	102	Photography II For Nonmajors	Performing Fine Arts	0.5
PGY	X	103	PHOTOGRAPHY TECHNIQUES - AS ONLY	Performing Fine Arts	0.5
PGY	X	400	PRINCIPLES OF PHOTOGRAPHY - AS ONLY	Performing Fine Arts	0.5
PGY	X	401	Photography I For Majors	Performing Fine Arts	0.5
PGY	X	410	Photography II	Performing Fine Arts	0.5
PGY	X	420	Advanced B&W Photography	Performing Fine Arts	0.5
PGY	X	750	Introduction To Video Art	Performing Fine Arts	0.5
PGY	X	801	Digital Photography I	Performing Fine Arts	0.5
PGY	X	802	Digital Photography II	Performing Fine Arts	0.5
PGY	X	890	DIGITAL IMAGE PROCESSING	Performing Fine Arts	0.5
RTV	X	300	BROADCAST NEWS (A.S.)	Performing Fine Arts	0.5
SPC	X	010	SURVEY PUBLIC SPEAKING/LISTENING	Performing Fine Arts	0.5
SPC	X	016	PUBLIC SPEAKING/ INTERPERSONAL	Performing Fine Arts	0.5
SPC	X	023	FUNDAMENTALS OF SPEECH	Performing Fine Arts	0.5
SPC	X	024	PUB SPEAKING GR DISC INTERPSNL & LIST	Performing Fine Arts	0.5
SPC	X	060	BUSINESS AND PROFESSIONAL COMMUNICATIONS	Performing Fine Arts	0.5
SPC	X	062	BUSINESS AND PROFESSIONAL COMMUNICATIONS	Performing Fine Arts	0.5
SPC	X	300	FUNDAMENTALS OF INTERPERSONAL COM	Performing Fine Arts	0.5
SPC	X	511	ARGUMENTATION AND DEBATE	Performing Fine Arts	0.5
SPC	X	541	PERSUASION	Performing Fine Arts	0.5
SPC	X	600	Public Speaking I	Performing Fine Arts	0.5
THE	X	000	Theatre Appreciation	Performing Fine Arts	0.5
THE	X	010	Survey of Drama: Ancient Greece to Early Renaissance	Performing Fine Arts	0.5
THE	X	011	Survey of Drama: High Renaissance to Present	Performing Fine Arts	0.5
THE	X	020	Introduction To Theatre	Performing Fine Arts	0.5
THE	X	030	Introduction Theatre I	Performing Fine Arts	0.5
THE	X	071	Cinema Arts	Performing Fine Arts	0.5
THE	X	100	INTRODUCTION TO THEATRE HISTORY	Performing Fine Arts	0.5
THE	X	300	DRAMATIC LITERATURE	Performing Fine Arts	0.5
THE	X	305	SURVEY OF DRAMATIC LITERATURE	Performing Fine Arts	0.5
THE	X	820	CREATIVE DRAMATICS	Performing Fine Arts	0.5
THE	X	925	Play Production	Performing Fine Arts	0.5
TPA	X	000	Introduction To Theatre Design	Performing Fine Arts	0.5
TPA	X	210	Stagecraft I	Performing Fine Arts	0.5
TPA	X	220	Stage Lighting	Performing Fine Arts	0.5
TPA	X	230	Theatre Costuming I	Performing Fine Arts	0.5
TPA	X	231	ADVANCED THEATRE COSTUMING	Performing Fine Arts	0.5
TPP	X	100	Acting I	Performing Fine Arts	0.5
TPP	X	110	Acting I (Majors)	Performing Fine Arts	0.5
TPP	X	111	Acting II	Performing Fine Arts	0.5
TPP	X	700	Voice Preparation for the Actor	Performing Fine Arts	0.5

PHYSICAL EDUCATION

POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
HLP	X	081	Personal Health And Fitness	Physical Education: Personal Fitness	0.5
HLP	X	082	PERSONAL WELLNESS	Physical Education: Personal Fitness	0.5
HLP	X	083	Human Performance	Physical Education: Personal Fitness	0.5

POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
HSC	X	100	Personal Health	Physical Education: Personal Fitness	0.5
HSC	X	101	Perspectives of Health and Wellness	Physical Education: Personal Fitness	0.5
HSC	X	102	HEALTHFUL LIVING I	Physical Education: Personal Fitness	0.5
HUN	X	003	Wellness:Nutrition, Personal Growth, Fitness	Physical Education: Personal Fitness	0.5
PET	X	303	Appl. Of Scientific Prin. To Conditioning Programs	Physical Education: Personal Fitness	0.5

PRACTICAL ARTS/CAREER EDUCATION CREDIT

All 3-credit (or equivalent) postsecondary courses taken through dual enrollment that are part of a postsecondary career / technical program of study (PSAV Certificate, Technical Certificate, Advanced Technical Certificate, ATD, AAS, AS) shall be awarded 0.5 Practical Arts/Career Education credits toward high school graduation.

Note: Students seeking to meet the requirements of a 3-year Career Preparatory Diploma or a Gold Seal Vocational Scholarship through dual enrollment must carefully choose dual enrollment courses that meet the requirements for 3 sequential credits in one career education program.

SCIENCE

Criteria for Awarding High School Subject Area Credit in Science:

- Since all high school science courses (with lab) are awarded 1.0 high school science credits, then all college-level dual enrollment science courses (with lab) will be awarded 1.0 high school science credits.
- College-level dual enrollment science courses **taken without a lab component** will be awarded 0.5 high school science credits.
- Note: Section 1003.43(1)I, Florida Statutes, states that high school graduation requirements include successful completion of "Three credits in science, two of which must have a laboratory component." Regardless of the number of science credits earned through dual enrollment, the requirement of two sciences **with a lab component** must be met to graduate.

POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED	GE
AST	X	002	Introduction To Astronomy (Lecture Only)	Science	0.5	
AST	X	002/002L	Introduction To Astronomy (Lecture and Lab Course)	Science	1.0	
AST	X	002C	Introduction To Astronomy (Combined Lecture and Lab)	Science	1.0	
AST	X	003	DESCRIPTIVE ASTRONOMY OF SOLAR SYSTEM (Lecture Only)	Science	0.5	
AST	X	003/003L	DESCRIPTIVE ASTRONOMY OF SOLAR SYSTEM (Lecture and Lab Course)	Science	1.0	
AST	X	003C	DESCRIPTIVE ASTRONOMY OF SOLAR SYSTEM (Combined Lecture and Lab)	Science	1.0	
AST	X	004	DESCRIPTIVE STELLAR ASTRONOMY (Lecture Only)	Science	0.5	
AST	X	004/004L	DESCRIPTIVE STELLAR ASTRONOMY (Lecture and Lab Course)	Science	1.0	
AST	X	004C	DESCRIPTIVE STELLAR ASTRONOMY (Combined Lecture and Lab)	Science	1.0	

