

Articulation Coordinating Committee

Agenda

April 18, 2012

Valencia College, West Campus

1800 S. Kirkman Road, Orlando, Florida

9:00 – 11:30 a.m. Postsecondary Transition Standing Committee Bldg. 6 (Library), Room 202	
1:00 – 4:30 p.m. Articulation Coordinating Committee Bldg. 6 (Library), Room 202	
1. Chairperson's Welcome	Dr. Ed Massey
2. Approval of December 8, 2011 Meeting Minutes (conference call)	Dr. Ed Massey
Action Item	
3. Approval of Common Prerequisite Program Changes	Ms. Abbey Cunningham
4. Approval of <i>2012-2013 Dual Enrollment Course-High School Subject Area Equivalency List</i>	Mr. Matthew Bouck
Discussion Items	
5. Credit-by-Examination: AP Student Performance in Subsequent Coursework	Mr. Matthew Bouck
6. 2012 Legislation	Mr. Matthew Bouck
7. Proposed 2012-2013 ACC Activities	Mr. Matthew Bouck
8. Presentation: American Honors College	Mr. Phil Bronner

The next ACC meeting is scheduled for October 24, 2012

**Articulation Coordinating Committee
Meeting Minutes
December 8, 2011**

A meeting of the Articulation Coordinating Committee (ACC) was held via conference call on Thursday, December 8, 2011, from 10:00 a.m. to 12:00 p.m.													
Welcome and Introductions													
Members Present	<p>Dr. Walter Christy, Brevard County Schools Dr. Rosa Jones, Florida International University Dr. Ed Massey, Indian River State College Dr. David Persky, St. Leo University (represented by Madeline Hollon, ICUF) Mr. Ted Stratton, Florida Gubernatorial Fellow, Florida College System Dr. Betty Tilton, Keiser University Dr. Tony Waldrop, University of Central Florida Dr. Falecia Williams, Valencia College Mr. Matthew Bouck, Office of Articulation, Staff</p>												
ACC History and Duties	<p>Mr. Matthew Bouck described the process re-establishing the Articulation Coordinating Committee into Florida Statute in 2011. The statute made changes to the ACC membership and reporting structure. Each sector was asked to make recommendations to fill the required positions: two members each representing the State University System, the Florida College System, public career and technical education, public K-12 education, nonpublic education, and one member representing students. Matthew Bouck briefly described the history of the Articulation Coordinating Committee since the early 1970s and its statutory membership and duties.</p> <p>Chancellor Frank Brogan of the State University System was invited to make comments about the role of the ACC and its relationship to the Higher Education Coordinating Council.</p> <p>Chancellor Brogan described the broad scope of the HECC and the necessity to move beyond staff analysis to seek guidance and recommendations from around the state on a host of major issues. An existing resource for this type of activity is the ACC. Consequently, the HECC asked that the ACC consider itself as an ‘arm’ of the HECC to provide expertise in a range of articulation issues. This relationship is fortified in the reporting structure of the ACC.</p> <p>Chancellor Brogan then described the role of the HECC in the preK-20 system of education. The HECC is tasked with making recommendations to facilitate a seamless system of education in Florida and to ensure cooperation in the creation of a viable talent supply chain among all delivery systems. The HECC is currently working on a document for the Legislature addressing several key areas; the HECC will utilize the services of the ACC for a cross-representative look at these issues.</p>												
Action Items													
Gold Standard Career Pathways Articulation Agreements	<p>John McNeely from the Division of Career and Adult Education presented 14 new Gold Standard Career Pathway Industry Certification Articulation Agreements. Mr. McNeely described the history of these agreements (since 2008 there have been 102 of these agreements approved), and the process by which these articulation agreements are created and reviewed.</p> <p>The following 14 agreements were submitted for discussion and approval:</p> <table border="1" style="margin-left: 40px;"> <thead> <tr> <th>Industry Certification Title</th> <th>Articulate to AAS/AS Program</th> <th>Articulated Credits</th> </tr> </thead> <tbody> <tr> <td>Autodesk Certified User - AutoCAD</td> <td>Drafting and Design Technology</td> <td>3</td> </tr> <tr> <td>Autodesk Certified User - AutoCAD</td> <td>Architectural Design and Construction Technology</td> <td>3</td> </tr> <tr> <td>Autodesk Certified User – Autodesk Inventor</td> <td>Engineering Technology</td> <td>3</td> </tr> </tbody> </table>	Industry Certification Title	Articulate to AAS/AS Program	Articulated Credits	Autodesk Certified User - AutoCAD	Drafting and Design Technology	3	Autodesk Certified User - AutoCAD	Architectural Design and Construction Technology	3	Autodesk Certified User – Autodesk Inventor	Engineering Technology	3
Industry Certification Title	Articulate to AAS/AS Program	Articulated Credits											
Autodesk Certified User - AutoCAD	Drafting and Design Technology	3											
Autodesk Certified User - AutoCAD	Architectural Design and Construction Technology	3											
Autodesk Certified User – Autodesk Inventor	Engineering Technology	3											

Certified Medical Assistant (CMA)	Health Services Management	3
Registered Phlebotomy Technician (RPT)	Medical Laboratory Technology	3
Biotechnician Assistant	Biotechnology	3
Biotechnician Assistant	Biotechnology Laboratory Technology	3
Certified Dental Assistant (CDA)	Dental Assisting Technology and Management	5
QuickBooks Certified User	Accounting Technology	3
Emergency Medical Technician – Basic (EMT)	Emergency Medical Services	9
Certified Internet Web (CIW) JavaScript Specialist	Computer Programming and Analysis	3
Certified Internet Web (CIW) Site Development Associate	Internet Services Technology	3
Certified Internet Web (CIW) Web Design Specialist	Internet Services Technology	3
Certified Pharmacy Technician	Pharmacy Management	9

Dr. Massey moved approval of these agreements; Dr. Falecia Williams seconded the motion. The 14 Gold Standard Career Pathway Articulation Agreements were approved.

UF Young Entrepreneurs for Leadership & Sustainability dual enrollment program

Mr. Matthew Bouck described Section 1007.271(17), Florida Statutes, which gives the Commissioner of Education the authority to approve dual enrollment agreements that have statewide appeal. There are four such dual enrollment agreements: Boys State and Girls State (TCC and FSU), Lou Frey Institute of Politics and Government—Civic Leadership Academy (UCF), Young Entrepreneurs for Leadership and Change (UF), and Student Science Training Program (UF). The Young Entrepreneurs for Leadership and Change statewide dual enrollment program at the University of Florida was modified, requiring approval of a new agreement. The changes are as follows.

1. Name change from "UF Young Entrepreneurs for Leadership & Change Summer Program" (YELC) to "UF Young Entrepreneurs for Leadership & Sustainability Summer Program" (YELS)
2. GEB4930 course number changed to ENT4934, when all "Entrepreneurship" courses at UF were transitioned from GEB (general business) to ENT (entrepreneurship) prefixes—the course content, instructor, and materials remain unchanged.
3. Language in the registration policy that can be omitted—there is no requirement for students to register for both courses, though in practice, they always have.
~~YELC dual enrollment student shall not be permitted to enroll for only one course without enrolling in the other. YELC students must either enroll in both GEB 4930 and SYG 2010 or neither of the courses.~~
4. A required text is now in its 5th edition, the 4th is no longer available.

Dr. Massey moved approval of the changes to this agreement; Dr. Rosa Jones seconded the motion. The UF Young Entrepreneurs for Leadership & Sustainability Summer Program articulation agreement was approved.

Discussion Items

ACC Standard Operating Procedures

The ACC discussed organizational issues relating to meetings dates, standing committees, and selection of a committee chair.

The ACC has typically met on the 4th Wednesday of February, May, and October. These dates will carry forward into 2012 unless other circumstances require a change.

	<p>There are several existing ACC Standing Committees: Oversight, Postsecondary Transition, Statewide Policies and Guidance, Statewide Residency, and FACTS.org. These committees will continue to function. The Statewide Residency Committee should add membership from the adult education and career and technical education sectors.</p> <p>The ACC discussed communication issues. Institution articulation officers or other appropriate institution personnel should be more involved in the solicitation of ACC agenda items and for dissemination of information about ACC activities; these issues will be evaluated for their statewide impact.</p> <p>Dr. Tony Waldrop nominated Dr. Ed Massey to continue to serve as chair; Dr. Falecia Williams seconded the nomination. The ACC approved Dr. Massey as chair of the Articulation Coordinating Committee. A discussion concerning a vice-chair will be held at the next ACC meeting.</p>
<p>Higher Education Coordinating Committee</p>	<p>Mr. Matthew Bouck described the activities of the Higher Education Coordinating Council. A report to the Legislature is due December 31, 2011, concerning the primary mission of postsecondary institutions; performance outputs and outcomes; articulation policies; and workforce education.</p> <p>Recommendations specific to the Articulation Coordinating Committee relate to general education competencies, transfer student admissions and limited access, articulation and advisement systems, Gordon Rule, common prerequisites, acceleration mechanisms, and university admissions.</p>
<p>Dr. Massey thanked the members and commented on the strength of the ACC and Florida’s system of articulation. The meeting adjourned at 12:00 p.m.</p>	

Articulation Coordinating Committee

April 18, 2012

Item #3

Subject: Approval of Common Prerequisite Program Changes

Proposed Committee Action

Approval of Recommended Common Prerequisite Program Changes

Supporting Documentation: Materials included in the packet

Presenter: Ms. Abbey Cunningham

Florida College System Common Prerequisite Issues for ACC Consideration

April 2012

ACTION ITEMS for Committee Approval – Existing CIPs	
13.1210, Track 2 Pre-Elementary/ Early Childhood Teacher Ed – Birth through Age 4	<p>Florida Gateway College proposes two course alternatives:</p> <ul style="list-style-type: none"> • EEC 1309 Early Childhood Education Foundations as an alternative for EEC 1000 Introduction to Early Childhood Education • EEC 2949 Child Development Internship as an alternative for EEC 1319 Portfolio Development and Supervised Work Experience <p>*See attached draft page of the Common Prerequisite Manual with the proposed changes highlighted in yellow</p>
13.1210, PROPOSED new Track 3 Pre-Elementary/ Early Childhood Teacher Ed – Combined Age 3 through Grade 3 and Birth through Age 4	<p>Miami Dade College proposes a third track be added to the 13.1210 CIP that will encompass both Age 3 through Grade 3 (Track 1) and Birth through Age 4 (Track 2) curriculum. The proposed track includes the current Track 2 prerequisite courses as well as three proposed course alternatives:</p> <ul style="list-style-type: none"> • EEC X407 Facilitating Social Development as an alternative for EEC X001 Early Childhood Growth and Development • EEC X271 Working with Young Children with Special Needs and Their Families as an alternative for EEC X601 Observing and Recording Children’s Behavior • EEC X224 Emergent Literacy through the use of Children’s Literature as an alternative for EEC X319 Portfolio Development and Supervised Work Experience <p>*See attached draft page of the Common Prerequisite Manual for the proposed new track</p>
FYI Additions	
09.0102 Communication (Mass)	Add Florida State College at Jacksonville – BS in Converged Communications
11.1099 Technology Management	Add State College of Florida, Manatee-Sarasota – BAS in Technology Management
13.1210, Track 1 Pre-Elementary/Early Childhood Teacher Ed – Age 3 through Grade 3	Add St. Petersburg College – BS in Prekindergarten/Primary Education with Infused ESOL and Reading
43.0104 Criminal Justice Studies	Add Indian River State College – BS in Criminal Justice
44.0000 Human Services	Add Florida State College at Jacksonville – BS in Human Services
51.3801, Track 2 Nursing	Add Santa Fe College – BS in Nursing Add Gulf Coast State College – BS in Nursing
52.0201 Business Administration and Management	Add Indian River State College – BS in Business Administration
52.0299 Supervision and Management	Add Lake-Sumter Community College – BAS in Organizational Management Add Santa Fe College – BAS in Supervision and Organizational Management Add South Florida Community College – BAS in Supervision and Management
52.1101 International Business Management	Add State College of Florida, Manatee-Sarasota – BAS in International Business and Trade

FYI Technical Changes

09.0102 Communication (Mass)	Edit note to clarify that prerequisites must be outside of ENC and LIT prefix courses. *See attached draft page of the Common Prerequisite Manual with the proposed changes highlighted in yellow
BAS Program CIPs	Edit BAS note to remove extraneous language. *See attached draft page of the Common Prerequisite Manual with the proposed changes highlighted in yellow
Multiple CIPs	Change SPC X016 to X017, or delete SPC X016 when both are included as alternatives. SPC X016 is no longer an active course in the Statewide Course Numbering System and was transitioned to SPC X017.
Multiple CIPs	Change SPC X600 to X608, or delete SPC X600 when both are included as alternatives. SPC X600 is no longer an active course in the Statewide Course Numbering System and was transitioned to SPC X608.

EXISTING CIP/TRACK

Program:	<u>Pre-Elementary/Early Childhood teacher Ed</u>	CIP:	<u>13.1210</u>
	<u>Birth through Age 4</u>	Track:	<u>2/3</u>
Offered At:	<u>SCFMS, SFC</u>	Program Length	<u>120 Cr. Hrs.</u>
	<u>FGC</u>		<u>123</u>

REVISED XX/XX/XX

LOWER LEVEL COURSES

		Cr. Hrs.
	EDF 1005	3
&	EDF 2085	3
&	EME 2040	3
&	EEC 1000 (1)	3
	or- EEC 1309 (1)	3
&	EEC 1001 (1)	3
&	EEC 1601 (1)	3
&	EEC 1319 (1)	3
	or- EEC 2949 (1)	3

FOR ALL MAJORS: Students are strongly encouraged to select required lower division electives that will enhance their general education coursework and that will support their intended baccalaureate degree program. Students should consult with an academic advisor in their major degree area.

FOR EDUCATION MAJORS: General education courses will be determined by the college or university where the student currently is earning the Associate in Arts or baccalaureate degree, and will be published in the institution's existing catalog and in the Community College Counseling Manual.

NOTE: Completion of the FGC or SFC Bachelor of Science in Early Childhood Education program does not result in educator certification.

(1) Course is not required by SFC.

NEW TRACK

Program:	Pre-Elementary/Early Childhood teacher Ed Age 3 through Grade 3 and Birth through Age 4	CIP:	<u>13.1210</u>
Offered At:	<u>MDC</u>	Track:	<u>3/3</u>
		Program Length	<u>120 Cr. Hrs.</u>

REVISED XX/XX/XX

LOWER LEVEL COURSES

	Cr. Hrs.
EDF 1005	3
& EDF 2085 (1)	3
& EME 2040	3
& EEC X000	3
& EEC X001	3
or- EEC X407	3
& EEC X601	3
or- EEC X271	3
& EEC X319	3
or- EEC X224	3

FOR ALL MAJORS: Students are strongly encouraged to select required lower division electives that will enhance their general education coursework and that will support their intended baccalaureate degree program. Students should consult with an academic advisor in their major degree area.

FOR EDUCATION MAJORS: General education courses will be determined by the college or university where the student currently is earning the Associate in Arts or baccalaureate degree, and will be published in the institution's existing catalog and in the Community College Counseling Manual.

- (1) In addition to EDF 2085, a minimum of 6 hours with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the Associate in Arts or baccalaureate degree. Foreign language courses may be used to meet this requirement.

EXISTING CIP/TRACK

Program: Communication (Mass)

CIP: 09.0102

Offered At: FGCU, FSCJ, UNF, UWF*
FIU, USF*

Track: 1

Program Length 120 Cr. Hrs.
124

REVISED XX/XX/XX

LOWER LEVEL COURSES

		Cr. Hrs.
	XXXXXXXX (1)	3
&	XXXXXXXX (1)	3
&	XXXXXXXX (1)	3
&	XXXXXXXX (1)	3
&	XXXXXXXX (1)	3
&	XXXXXXXX (1)	3

FOR ALL MAJORS: Students are strongly encouraged to select required lower division electives that will enhance their general education coursework and that will support their intended baccalaureate degree program. Students should consult with an academic advisor in their major degree area.

- (1) ~~Course outside of the major (ENC and LIT prefix courses) and beyond the 36 hours of general education requirements. Please see the university if there are questions.~~
- (1) Course cannot include ENC and LIT prefix courses and must be beyond the 36 hours of general education requirements. Questions should be directed to the institution.
- * Limited Access.

EXISTING CIP/TRACK

Program: Health Services Administration (BAS)

CIP: 51.2211

Offered At: SPC

Track: 1

Program Length 120 Cr. Hrs.

REVISED XX/XX/XX

LOWER LEVEL COURSES

Cr. Hrs.

None

FOR ALL MAJORS: Students are strongly encouraged to select required lower division electives that will enhance their general education coursework and that will support their intended baccalaureate degree program. Students should consult with an academic advisor in their major degree area.

The following is language approved by those colleges with BAS degree programs:

Admission to Bachelor of Applied Science (B.A.S) degree programs usually requires an Associate in Science (A.S) or Associate in Applied Science (A.A.S) degree in a related area. If a student has earned an Associate in Arts (A.A.) degree, or an A.S. degree, an A.A.S. degree, or its equivalent in an unrelated area, the student may be admitted on a case-by-case basis with approval of the appropriate academic administrator. Some majors may have licensure or other types of requirements prior to admittance. Due to the variance in specialized B.A.S degree programs and concentrations, students are strongly encouraged to consult with an academic advisor at the B.A.S. degree-granting institution.

Articulation Coordinating Committee

April 18, 2012

Item #4

Subject: Approval of 2012-2013 Dual Enrollment Course-High School Subject Area
Equivalency List

Proposed Committee Action

Approval of 2012-2013 Dual Enrollment Course-High School Subject Area Equivalency List

2012-2013 Additions:

Successful completion of one of these dual enrollment college credit courses satisfies the high school graduation requirement of one credit in fine arts. Each of these courses have been identified by a committee of representatives from Career and Technical Education and Fine Arts as a practical arts course that incorporates artistic content and techniques of creativity, interpretation, and imagination required in Section 1003.428(2)(2)5, F.S.

CGS X820C – Web Development and Design
DIG X000C - Introduction to Digital Media
DIG X030C - Digital Video and Sound
DIG X100 - Web Design I
DIG X109C - Digital Imaging Fundamentals
DIG X284C - Advanced Digital Video and Sound.
DIG X292C - Digital Post-Production
DIG X341C - Motion Graphics for Digital Media
DIG X348C – Lighting Design and Techniques
DIG X430C - Digital Storytelling
DIG X500C - Fundamentals of Interactive
Design/Multimedia Authoring I

DIG X940 – Practicum and Portfolio
Development
FSS 0228 - Food Production
FSS 0064 – Pastries and Desserts
GRA X204 - Digital Print Production
GRA X206C - Fundamentals of Typography
GRA X120C - Page Design and Layout
GRA X156C - Digital Design and Illustration
GRA X207C - Advanced Image Editing
VIC X301 - Advanced Multimedia Computer
Presentations

Supporting Documentation: Materials included in the packet

Presenter: Mr. Matthew Bouck

**2012-2013 DUAL ENROLLMENT COURSE – HIGH SCHOOL SUBJECT AREA
EQUIVALENCY LIST**
Last Update: April 2012

ELECTIVES

This list should not be interpreted as the total number of dual enrollment courses available. 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 at least 0.5 high school credits (postsecondary courses offered for fewer than three (3) credits may earn less than 0.5 high school credit), either as an elective or subject area credit as designated in the local interinstitutional articulation agreement.

Note: Any upper-level (3000-4000) postsecondary course that uses as a prerequisite one of the courses on this list that are awarded 1.0 high school credit shall also receive 1.0 high school credit.

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

				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
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	060	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

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

POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
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	122	Great Books I	English	1.0
LIT	X	128	Honors World Literature II	English	1.0

FOREIGN LANGUAGE

FOREIGN LANGUAGE COURSES: All four-credit foreign language courses (including American Sign Language), shall be awarded one full high school elective credit. Courses offered for three credits are awarded at least 0.5 high school elective credit.

				HIGH SCHOOL CREDIT AWARDED
AHM	X	130	Beginning Amharic 1	Elective: Foreign Language 1.0
AHM	X	131	Beginning Amharic 2	Elective: Foreign Language 1.0
AHM	X	200	Intermediate Amharic 1	Elective: Foreign Language 0.5
AHM	X	201	Intermediate Amharic 2	Elective: Foreign Language 0.5
AKA	X	130	Beginning Akan I	Elective: Foreign Language 1.0
AKA	X	131	Beginning Akan 2	Elective: Foreign Language 1.0
AKA	X	200	Intermediate Akan 1	Elective: Foreign Language 0.5
AKA	X	201	Intermediate Akan 2	Elective: Foreign Language 0.5
ARA	X	100	Elementary Arabic I	Elective: Foreign Language 1.0
ARA	X	120	Modern Arabic I	Elective: Foreign Language 1.0
ARA	X	121	Elementary Arabic II Concentrated	Elective: Foreign Language 1.0
ARA	X	130	Elementary Arabic Accelerated I	Elective: Foreign Language 1.0
ARA	X	131	Elementary Arabic Accelerated II	Elective: Foreign Language 1.0
ARA	X	200	Intm Lang: Gen Rev Basic Skills I	Elective: Foreign Language 0.5
ARA	X	201	Intm Lang: Gen Rev Basic Skills II	Elective: Foreign Language 0.5
ARA	X	220	Intermediate Arabic I	Elective: Foreign Language 1.0
ARA	X	221	Intermediate Arabic Reading And Conversation II	Elective: Foreign Language 1.0
ASL	X	110	American Sign Language I	Elective: Foreign Language 0.5
ASL	X	120	American Sign Language II	Elective: Foreign Language 0.5
ASL	X	130	American Sign Language III	Elective: Foreign Language 0.5
ASL	X	131	American Sign Language III	Elective: Foreign Language 0.5

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

				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
ASL	X	140	Basic American Sign Language	Elective: Foreign Language	1.0
ASL	X	150	Intermediate American Sign Language	Elective: Foreign Language	1.0
ASL	X	160	American Sign Language III	Elective: Foreign Language	1.0
ASL	X	161	American Sign Language III	Elective: Foreign Language	1.0
ASL	X	200	American Sign Language IV	Elective: Foreign Language	1.0
ASL	X	201	American Sign Language IV	Elective: Foreign Language	1.0
ASL	X	210	American Sign Language IV	Elective: Foreign Language	0.5
ASL	X	211	American Sign Language IV	Elective: Foreign Language	0.5
AYM	X	130	Elementary Aymara I, Accelerated	Elective: Foreign Language	1.0
CAT	X	180	Introduction to Catalan I	Elective: Foreign Language	0.5
CAT	X	182	Introduction to Catalan II	Elective: Foreign Language	0.5
CAT	X	280	Intermediate Catalan	Elective: Foreign Language	0.5
CHI	X	100	Elementary Chinese I	Elective: Foreign Language	0.5
CHI	X	120	Elementary Chinese I, Concentrate	Elective: Foreign Language	1.0
CHI	X	121	Elementary Chinese II, Concentrated	Elective: Foreign Language	1.0
CHI	X	130	Elementary Chinese Accelerated I	Elective: Foreign Language	1.0
CHI	X	131	Elementary Chinese Accelerated II	Elective: Foreign Language	1.0
CHI	X	200	Intermediate Chinese I	Elective: Foreign Language	0.5
CHI	X	201	Intermediate Chinese II	Elective: Foreign Language	0.5
CHI	X	220	Second Year Chinese Conversation	Elective: Foreign Language	1.0
CHI	X	221	Second Year Chinese Conversation	Elective: Foreign Language	1.0
CHI	X	230	Intermediate Chinese I	Elective: Foreign Language	1.0
CHI	X	231	Intermediate Chinese II	Elective: Foreign Language	1.0
CMM	X	100	Elementary Language I	Elective: Foreign Language	0.5
CMM	X	101	Elementary Language II	Elective: Foreign Language	0.5
CZE	X	130	Elementary Accelerated	Elective: Foreign Language	1.0
CZE	X	131	Elementary Accelerated	Elective: Foreign Language	1.0
CZE	X	200	Intermediate Czech	Elective: Foreign Language	0.5
CZE	X	201	Intermediate Czech 2	Elective: Foreign Language	0.5
DUT	X	130	Beginning Dutch I	Elective: Foreign Language	1.0
DUT	X	131	Beginning Dutch II	Elective: Foreign Language	1.0
FRE	X	100	Elementary French I	Elective: Foreign Language	0.5
FRE	X	101	Elementary French II	Elective: Foreign Language	0.5
FRE	X	120	Elementary French I, Concentrated	Elective: Foreign Language	1.0
FRE	X	121	Elem French II, Concentrated	Elective: Foreign Language	1.0
FRE	X	130	Elementary French I Accelerated	Elective: Foreign Language	1.0
FRE	X	131	Elementary French II Accelerated	Elective: Foreign Language	1.0
FRE	X	200	Intm Level: Gen Rev Basic Skills I	Elective: Foreign Language	0.5
FRE	X	201	Intm Level: Gen Rev Basic Skills II	Elective: Foreign Language	0.5
FRE	X	210	Intermediate Conversation & Comp I	Elective: Foreign Language	0.5
FRE	X	211	Intm Reading And Conv Accelerated II	Elective: Foreign Language	1.0
FRE	X	220	Intermediate Reading And Conversation	Elective: Foreign Language	1.0
FRE	X	221	Interm Reading And Conversation II	Elective: Foreign Language	1.0
FRE	X	230	Reading In French Literature & Culture	Elective: Foreign Language	1.0
FRE	X	231	Intermediate French Reading II	Elective: Foreign Language	1.0
FRE	X	240	Intermediate Conversation I	Elective: Foreign Language	0.5
FRE	X	241	Intermediate French Conversation II	Elective: Foreign Language	0.5
FRE	X	242	Intermediate French Conversation 1	Elective: Foreign Language	0.5
FRE	X	243	Intermediate French Conversation2	Elective: Foreign Language	0.5
FRE	X	244	Third Year French Conversation	Elective: Foreign Language	0.5
GER	X	100	Elementary German I	Elective: Foreign Language	0.5
GER	X	101	Elementary German II	Elective: Foreign Language	0.5

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POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
GER	X	104	Elementary German 3	Elective: Foreign Language	0.5
GER	X	110	Elementary Conversational German	Elective: Foreign Language	1.0
GER	X	111	Elementary Conversational German II	Elective: Foreign Language	1.0
GER	X	120	Elementary German I, Concentrated	Elective: Foreign Language	1.0
GER	X	121	Elementary German II, Concentrated	Elective: Foreign Language	1.0
GER	X	130	Elementary German I-Accelerated	Elective: Foreign Language	1.0
GER	X	131	Elementary German II-Accelerated	Elective: Foreign Language	1.0
GER	X	200	Intm Level: Gen Rev Basic Skills I	Elective: Foreign Language	0.5
GER	X	201	Intm Level: Gen Rev Basic Skills II	Elective: Foreign Language	0.5
GER	X	210	Intermediate German I, Accelerated	Elective: Foreign Language	0.5
GER	X	220	Intermediate German Reading and Conversation 1	Elective: Foreign Language	1.0
GER	X	221	Intermediate German Reading and Conversation II	Elective: Foreign Language	1.0
GER	X	240	Intermediate Conversation I	Elective: Foreign Language	0.5
GRE	X	120	Elementary Greek I, Concentrated	Elective: Foreign Language	1.0
GRE	X	121	Elementary Greek II, Concentrated	Elective: Foreign Language	1.0
GRE	X	130	Elementary Greek I, Accelerated	Elective: Foreign Language	1.0
GRE	X	131	Elementary Greek II, Accelerated	Elective: Foreign Language	1.0
GRE	X	140	New Testament Greek I	Elective: Foreign Language	1.0
GRE	X	141	New Testament Greek II	Elective: Foreign Language	1.0
GRE	X	200	Intermediate Language	Elective: Foreign Language	0.5
GRK	X	101	Modern Greek Language II	Elective: Foreign Language	0.5
GRK	X	120	Elementary Modern Greek I	Elective: Foreign Language	1.0
GRK	X	121	Elementary Modern Greek II	Elective: Foreign Language	1.0
GRK	X	130	Beginning Modern Greek I	Elective: Foreign Language	1.0
GRK	X	131	Beginning Modern Greek II	Elective: Foreign Language	1.0
GRK	X	200	Intm Level: Gen Rev Basic Skills I	Elective: Foreign Language	0.5
GRK	X	201	Intm Level: Gen Rev Basis Skills II	Elective: Foreign Language	0.5
GRK	X	220	Intermediate Modern Greek Reading & Conversation I	Elective: Foreign Language	1.0
GRK	X	221	Intermediate Modern Greek Reading & Conversation II	Elective: Foreign Language	1.0
GRW	X	240	New Testament Greek I - Lower	Elective: Foreign Language	0.5
GRW	X	250	Readings In New Testament Greek I	Elective: Foreign Language	0.5
HAI	X	120	Elementary Haitian Creole I, Concen	Elective: Foreign Language	1.0
HAI	X	121	Elementary Haitian Creole II, Concen	Elective: Foreign Language	1.0
HAI	X	130	Beginning Haitian Creole 1	Elective: Foreign Language	1.0
HAI	X	131	Beginning Haitian Creole 2	Elective: Foreign Language	1.0
HAI	X	200	Intermediate Haitian Creole I	Elective: Foreign Language	0.5
HAI	X	201	Intermediate Haitian Creole	Elective: Foreign Language	0.5
HBR	X	102	Beginning Hebrew	Elective: Foreign Language	1.0
HBR	X	103	Beginning Hebrew	Elective: Foreign Language	1.0
HBR	X	120	Elementary Hebrew I	Elective: Foreign Language	1.0
HBR	X	121	Elementary Hebrew II	Elective: Foreign Language	1.0
HBR	X	130	Elementary Hebrew I, Accelerated	Elective: Foreign Language	1.0
HBR	X	131	Elementary Hebrew II, Accelerated	Elective: Foreign Language	1.0
HBR	X	132	Hebrew For Heritage Learners 1	Elective: Foreign Language	1.0
HBR	X	133	Hebrew For Heritage Learners 2	Elective: Foreign Language	1.0
HBR	X	200	Intm Lang: Gen Rev Basic Skills I	Elective: Foreign Language	0.5
HBR	X	201	Intm Lang: Gen Rev Basic Skills II	Elective: Foreign Language	0.5
HBR	X	220	Intermediate Hebrew Reading And Conversation I	Elective: Foreign Language	1.0
HBR	X	221	Intermediate Hebrew Reading And Conversation II	Elective: Foreign Language	1.0
HBR	X	222	Intermediate Hebrew	Elective: Foreign Language	1.0
HIN	X	130	Beginning Hindi 1	Elective: Foreign Language	1.0
HIN	X	131	Beginning Hindi 2	Elective: Foreign Language	1.0

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				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
HIN	X	200	Intermediate Hindi 1	Elective: Foreign Language	1.0
HIN	X	201	Intermediate Hindi 2	Elective: Foreign Language	1.0
HNG	X	130	Beginning Hungarian 1	Elective: Foreign Language	1.0
HNG	X	131	Beginning Hungarian 2	Elective: Foreign Language	1.0
HNG	X	220	Intermediate Hungarian 1	Elective: Foreign Language	1.0
HNG	X	221	Intermediate Hungarian 2	Elective: Foreign Language	1.0
ITA	X	110	Elementary Conversational Italian I	Elective: Foreign Language	1.0
ITA	X	111	Elementary Conversational Italian II	Elective: Foreign Language	1.0
ITA	X	120	Elementary Italian I-Concentrated	Elective: Foreign Language	1.0
ITA	X	121	Elementary Italian II, Concentrated	Elective: Foreign Language	1.0
ITA	X	130	Elementary Accelerated Italian I	Elective: Foreign Language	1.0
ITA	X	131	Elementary Accelerated Italian II	Elective: Foreign Language	1.0
ITA	X	200	Intm Level: Gen Rev Basic Skills I	Elective: Foreign Language	0.5
ITA	X	201	Intm Level: Gen Rev Basic Skills II	Elective: Foreign Language	0.5
ITA	X	210	Intermediate Italian, Accelerated	Elective: Foreign Language	0.5
ITA	X	220	Intermediate Italian Reading And Conversation I	Elective: Foreign Language	1.0
ITA	X	221	Intermediate Italian Reading And Conversation II	Elective: Foreign Language	1.0
ITA	X	240	Intermediate Conversation I	Elective: Foreign Language	0.5
ITA	X	241	Intermediate Conversation II	Elective: Foreign Language	0.5
JPN	X	120	Elementary Japanese I, Concentrated	Elective: Foreign Language	1.0
JPN	X	121	Elementary Japanese II Concentrated	Elective: Foreign Language	1.0
JPN	X	124	Honors Beginning Japanese Language And Culture 1	Elective: Foreign Language	1.0
JPN	X	125	Honors Beginning Japanese Language And Culture 2	Elective: Foreign Language	1.0
JPN	X	130	Beginning Japanese I	Elective: Foreign Language	1.0
JPN	X	131	Beginning Japanese II	Elective: Foreign Language	1.0
JPN	X	200	Intermediate Japanese I	Elective: Foreign Language	0.5
JPN	X	201	Second-Year Japanese 2	Elective: Foreign Language	0.5
JPN	X	202	Intermediate Japanese Reading and Conversation I	Elective: Foreign Language	0.5
JPN	X	220	Intermediate Japanese Reading and Conversation I	Elective: Foreign Language	1.0
JPN	X	221	Intermediate Japanese Reading and Conversation II	Elective: Foreign Language	1.0
JPN	X	224	Honors Intermediate Japanese Language And Culture 1	Elective: Foreign Language	1.0
JPN	X	225	Honors Intermediate Japanese Language And Culture 2	Elective: Foreign Language	1.0
JPN	X	230	Intermediate Readings	Elective: Foreign Language	1.0
JPN	X	231	Intermediate Readings II	Elective: Foreign Language	1.0
KOR	X	130	Beginning Korean 1	Elective: Foreign Language	1.0
KOR	X	131	Beginning Korean 2	Elective: Foreign Language	1.0
KOR	X	230	Intermediate Korean 1	Elective: Foreign Language	1.0
KOR	X	231	Intermediate Korean 2	Elective: Foreign Language	1.0
LAT	X	101	Elementary Latin II	Elective: Foreign Language	0.5
LAT	X	104	Elementary Latin 3	Elective: Foreign Language	0.5
LAT	X	120	Elementary Latin I, Concentrated	Elective: Foreign Language	1.0
LAT	X	121	Elementary Latin II, Concentrated	Elective: Foreign Language	1.0
LAT	X	130	Elementary Accelerated	Elective: Foreign Language	1.0
LAT	X	131	Elementary Accelerated	Elective: Foreign Language	1.0
LAT	X	200	Review Latin Grammar & Translation	Elective: Foreign Language	0.5
LAT	X	220	Intermediate Latin Reading I	Elective: Foreign Language	1.0
LAT	X	221	Intermediate Latin Reading II	Elective: Foreign Language	1.0
LGL	X	130	Beginning Lingala 1	Elective: Foreign Language	1.0
LGL	X	131	Beginning Lingala 2	Elective: Foreign Language	1.0
LGL	X	200	Intermediate Lingala 1	Elective: Foreign Language	0.5
LGL	X	201	Intermediate Lingala 2	Elective: Foreign Language	0.5
POL	X	120	Elementary Polish I, Concentrated	Elective: Foreign Language	1.0
POL	X	121	Elementary Polish II, Concentrated	Elective: Foreign Language	1.0

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POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
POL	X	130	Intensive Beginning Polish I	Elective: Foreign Language	1.0
POL	X	131	Intensive Beginning Polish II	Elective: Foreign Language	1.0
POL	X	220	Intermediate Polish I	Elective: Foreign Language	1.0
POL	X	221	Intermediate Polish II	Elective: Foreign Language	1.0
POR	X	120	Elementary Portuguese I, Concentrated	Elective: Foreign Language	1.0
POR	X	121	Elementary Portuguese II, Concentrated	Elective: Foreign Language	1.0
POR	X	130	Elementary Accelerated Portuguese	Elective: Foreign Language	1.0
POR	X	131	Elem Accelerated Course I	Elective: Foreign Language	1.0
POR	X	140	Portuguese for Spanish Speakers I	Elective: Foreign Language	0.5
POR	X	141	Portuguese for Advanced Students of Spanish II	Elective: Foreign Language	0.5
POR	X	200	Intm Lang: Gen Rev Basic Skills I	Elective: Foreign Language	0.5
POR	X	201	Intm Lang: Gen Rev Basic Skills II	Elective: Foreign Language	0.5
POR	X	202	Intermediate Portuguese Language I - Upper	Elective: Foreign Language	0.5
POR	X	220	Intermediate Portuguese Reading and Conversation I	Elective: Foreign Language	1.0
RUS	X	101	Elementary Russian II	Elective: Foreign Language	0.5
RUS	X	104	Beginning Russian 3	Elective: Foreign Language	0.5
RUS	X	120	Elementary Russian I, Concentrated	Elective: Foreign Language	1.0
RUS	X	121	Elementary Russian II, Concentrated	Elective: Foreign Language	1.0
RUS	X	130	Elementary Russian I--Accelerated	Elective: Foreign Language	1.0
RUS	X	131	Elementary Russian II--Accelerated	Elective: Foreign Language	1.0
RUS	X	200	Intermediate Russian I	Elective: Foreign Language	0.5
RUS	X	201	Intermediate Russian II	Elective: Foreign Language	0.5
RUS	X	210	Intermediate Russian, Accelerated I	Elective: Foreign Language	0.5
RUS	X	220	Intermediate Russian Reading and Conversation I	Elective: Foreign Language	1.0
RUS	X	221	Intermediate Russian Reading and Conversation II	Elective: Foreign Language	1.0
RUS	X	240	Intermediate Conversation I	Elective: Foreign Language	0.5
RUS	X	241	Intermediate Conversation II	Elective: Foreign Language	0.5
SPN	X	000	Basic Oral Expression I	Elective: Foreign Language	0.5
SPN	X	001	Beginning Oral Expression II	Elective: Foreign Language	0.5
SPN	X	100	Elementary Spanish I	Elective: Foreign Language	0.5
SPN	X	101	Elementary Spanish II	Elective: Foreign Language	0.5
SPN	X	120	Elementary Spanish I, Concentrated	Elective: Foreign Language	1.0
SPN	X	121	Elementary Spanish II, Concentrated	Elective: Foreign Language	1.0
SPN	X	125	Spanish 3	Elective: Foreign Language	1.0
SPN	X	130	Elementary Spanish I Accelerated	Elective: Foreign Language	1.0
SPN	X	131	Elementary Spanish II Accelerated	Elective: Foreign Language	1.0
SPN	X	200	Intm Level: Gen Rev Basic Skills I	Elective: Foreign Language	0.5
SPN	X	201	Intm Level: Gen Rev Basic Skills II	Elective: Foreign Language	0.5
SPN	X	220	Intermediate Reading and Conversation	Elective: Foreign Language	1.0
SPN	X	221	Reading and Conversation II	Elective: Foreign Language	1.0
SPN	X	230	Intermediate Reading I	Elective: Foreign Language	1.0
SPN	X	231	Intermediate Reading II	Elective: Foreign Language	1.0
SPN	X	233	Intermediate Reading In Spanish	Elective: Foreign Language	0.5
SPN	X	240	Intermediate Conversation I	Elective: Foreign Language	0.5
SPN	X	241	Intermediate Conversation II	Elective: Foreign Language	0.5
SPN	X	242	Intermediate Spanish	Elective: Foreign Language	0.5
SPN	X	300	Review Grammar and Syntax I	Elective: Foreign Language	0.5
SPN	X	301	Review Grammar and Syntax II	Elective: Foreign Language	0.5
SPN	X	340	Spanish for Speakers of Spanish	Elective: Foreign Language	0.5
SPN	X	341	Spanish for Speakers of Spanish II	Elective: Foreign Language	0.5
SPN	X	400	Conversation and Composition I	Elective: Foreign Language	0.5

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POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
SRK	X	100	Elementary Sanskrit I	Elective: Foreign Language	0.5
SRK	X	101	Elementary Sanskrit II	Elective: Foreign Language	0.5
SRK	X	102	Elementary Sanskrit I, Upper	Elective: Foreign Language	0.5
SRK	X	103	Elementary Sanskrit II, Upper	Elective: Foreign Language	0.5
SRK	X	120	Beginning Sanskrit 1	Elective: Foreign Language	1.0
SRK	X	121	Beginning Sanskrit 2	Elective: Foreign Language	1.0
SRK	X	200	Intermediate Sanskrit I	Elective: Foreign Language	0.5
SRK	X	201	Intermediate Sanskrit II	Elective: Foreign Language	0.5
SWA	X	130	Beginning Swahili 1	Elective: Foreign Language	1.0
SWA	X	131	Beginning Swahili 2	Elective: Foreign Language	1.0
SWA	X	200	Intermediate Swahili I	Elective: Foreign Language	0.5
SWA	X	201	Intermediate Swahili II	Elective: Foreign Language	0.5
TUR	X	130	Beginning Turkish 1	Elective: Foreign Language	1.0
TUR	X	131	Beginning Turkish 2	Elective: Foreign Language	1.0
TUR	X	220	Intermediate Turkish 1	Elective: Foreign Language	1.0
TUR	X	221	Intermediate Turkish 2	Elective: Foreign Language	1.0
VTN	X	130	Beginning Vietnamese I	Elective: Foreign Language	1.0
VTN	X	131	Beginning Vietnamese II	Elective: Foreign Language	1.0
VTN	X	220	Second Year Vietnamese I	Elective: Foreign Language	1.0
VTN	X	221	Second Year Vietnamese 2	Elective: Foreign Language	1.0
WOL	X	130	Beginning Wolof 1	Elective: Foreign Language	1.0
WOL	X	131	Beginning Wolof 2	Elective: Foreign Language	1.0
WOL	X	200	Intermediate Wolof 1	Elective: Foreign Language	0.5
WOL	X	201	Intermediate Wolof 2	Elective: Foreign Language	0.5
XHO	X	130	Beginning Xhosa I	Elective: Foreign Language	1.0
XHO	X	131	Beginning Xhosa 2	Elective: Foreign Language	1.0
XHO	X	200	Intermediate Xhosa 1	Elective: Foreign Language	0.5
XHO	X	201	Intermediate Xhosa 2	Elective: Foreign Language	0.5
YOR	X	120	Elementary Yoruba I, Concentrated	Elective: Foreign Language	1.0
YOR	X	130	Beginning Yoruba I	Elective: Foreign Language	1.0
YOR	X	131	Beginning Yoruba 2	Elective: Foreign Language	1.0
YOR	X	200	Intermediate Yoruba I	Elective: Foreign Language	0.5
YOR	X	201	Intermediate Yoruba II	Elective: Foreign Language	0.5

MATHEMATICS

				HIGH SCHOOL	
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

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POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
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
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	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

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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
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	161	Alternative Media	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	507	Painting for Non-Majors	Performing/Fine Arts	0.5
ART	X	510	Painting I	Performing/Fine Arts	0.5

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POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
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	722	Stone Carving	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
ART	X	823	Art as Interface	Performing/Fine Arts	0.5
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	Performing/Fine Arts	0.5
DAA	X	104	Contemporary Dance I	Performing/Fine Arts	0.5
DAA	X	108	Modern Dance III	Performing/Fine Arts	0.5
DAA	X	114	Modern Dance 3	Performing/Fine Arts	0.5
DAA	X	200	Ballet	Performing/Fine Arts	0.5
DAA	X	201	Ballet II For Non-Majors	Performing/Fine Arts	0.5
DAN	X	100	Introduction To Dance	Performing/Fine Arts	0.5
DAN	X	600	Music and Dance (Single Course)	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
ENG	X	100	Film as Literature	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	011	The Film as Mass Com II: Rhetor & Styli	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	126	Genre 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	Performing/Fine Arts	0.5
FIL	X	423	Filmmaking I	Performing/Fine Arts	0.5
FIL	X	432	Film Production	Performing/Fine Arts	0.5
FIL	X	461	Cinematography	Performing/Fine Arts	0.5
FIL	X	506	Critical Methods	Performing/Fine Arts	0.5
FIL	X	543	Post-Production Sound for Motion Pictures	Performing/Fine Arts	0.5
FIL	X	806	Crit Meth:Motion Pic, TV & Record Arts	Performing/Fine Arts	0.5
GRA	X	101	Graphic Design for Non-Majors	Performing/Fine Arts	0.5
GRA	X	103	Graphic Design	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

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POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
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
GRA	X	811	Applied Illustration I	Performing/Fine Arts	0.5
GRA	X	880	Illustration	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 li	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 li	Performing/Fine Arts	0.5
MUT	X	116	2nd Yr Music Theory I	Performing/Fine Arts	0.5
MUT	X	117	2nd Yr Music Theory li	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	201	Introduction to Television Production I	Performing/Fine Arts	0.5
RTV	X	300	Broadcast News	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	017	Fundamentals of Speech	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

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POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
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	065	Business & Professional Communication	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
SPC	X	603	Fundamentals of Technical Presentations	Performing/Fine Arts	0.5
SPC	X	608	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	
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
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
HUN	X	270	Sports Nutrition	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 postsecondary courses taken through dual enrollment for three credits or higher that are part of a postsecondary career/technical program of study (Technical Certificate, Advanced Technical Certificate, ATD, AAS, AS) shall be awarded at least 0.5 elective 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.

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Postsecondary adult vocational (PSAV) clock hour courses taken through dual enrollment that are not listed below shall be awarded:

1.0 high school credit for each 150 hours in the course rounded down to the nearest 0.5 credits

The equivalencies of the courses listed below were determined on comparable course content pursuant to s.1007.271(6), F.S.

NOTE: For those career and technical secondary courses that have been identified as satisfying the fine or performing arts high school graduation requirement (s. 1003.428(2)(a)5, Florida Statutes), the equivalent postsecondary CTE course will also satisfy that requirement.

2012-2013: 18 college credit and 2 non-college credit career courses are added to the list of those that will satisfy the requirements of s. 1003.428(2)(a)5, Florida Statutes. Each of these courses have been identified by a committee of representatives from Career and Technical Education and Fine Arts as a practical arts course that incorporates artistic content and techniques of creativity, interpretation, and imagination.

POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
ACO	0	040	Accounting Clerk	Vocational	2.0
ACO	0	041	Accounting Associate	Vocational	2.0
ACO	0	042	Accounting Assistant	Vocational	1.0
ACR	0	046	Refrigeration Technician	Vocational	3.0
AEB	0	000	Purchasing Agents and Buyers, Farm Products	Practical Arts	3.0
AER	0	014	Automotive Services Assistor	Vocational	2.0
AER	0	110	Engine Repair Technician	Vocational	1.0
AER	0	172	Automotive Heat/Air Conditioning Technician	Vocational	1.0
AER	0	257	Automatic Transmission/Transaxle Technician	Vocational	1.0
AER	0	274	Manual Drivetrain and Axle Technician	Vocational	1.0
AER	0	360	Automotive Electrical/Electronics System Technician	Vocational	2.0
AER	0	418	Automotive Brake System Technician	Vocational	1.0
AER	0	453	Automotive Suspension and Steering Technician	Vocational	1.0
AER	0	503	Automotive Engine Performance Technician	Vocational	2.0
AGG	0	080	Biological Technician - Animal	Vocational	3.0
AGG	0	081	Biotechnology Technician - Plant	Vocational	3.0
AMT	0	700	Aviation General Maintenance Technician Helper	Vocational	4.0
AMT	0	710	Aviation Maintenance Technician with FAA Airframe (1 of 2)	Vocational	3.0
AMT	0	711	Aviation Maintenance Technician with FAA Airframe (2 of 2)	Vocational	3.0
AMT	0	720	Aviation Maintenance Technician with Power Plant Rating (1 of 2)	Vocational	3.0
AMT	0	721	Aviation Maintenance Technician with Power Plant Rating (2 of 2)	Vocational	3.0
AOM	0	311	Agricultural Machinery Operator	Vocational	1.0
AOM	0	330	Agricultural Equipment Operator 1	Vocational	3.0
AOM	0	331	Agricultural Equipment Operator 2	Vocational	1.0
AOM	0	338	Farm Equipment Mechanic	Vocational	1.0
AOM	0	339	Agricultural Machinery Mechanics	Vocational	2.0
ARR	0	020	Automotive Collision Estimator	Vocational	0.5
ARR	0	127	Automotive Refinishing	Vocational	2.0
ARR	0	210	Paint and Body Helper	Vocational	2.0
ARR	0	213	Paint and Body Assistant	Vocational	2.0
ARR	0	240	Automotive Body Repairer	Vocational	2.0
ARR	0	313	Frame and Body Repairman	Vocational	1.0
ARR	0	610	Basic Prep, Automotive	Vocational	1.0
ARR	0	611	Reconditioning Detailer	Vocational	1.0
ARR	0	612	Automotive Detailer	Vocational	1.0

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POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
ATE	0	006	Veterinary Assisting & Laboratory Animal Caretakers 1	Vocational	3.0
ATE	0	070	Veterinary Assisting & Laboratory Animal Caretakers 2	Vocational	1.0
ATE	0	072	Veterinary Assistant	Vocational	1.0
BCV	0	044	Cost Estimator	Practical Arts	1.0
BCV	0	080	Building Construction Assistant	Practical Arts	3.0
BCV	0	081	Carpentry and Masonry Technician	Vocational	1.0
BCV	0	082	Electrical and Plumbing Technician	Vocational	1.0
BCV	0	083	A/C and Painting Technician	Practical Arts	1.0
BCV	0	107	Carpenter Helper	Vocational	2.0
BCV	0	111	Trim and Finish Carpenter	Vocational	2.0
BCV	0	122	Carpenter (Rough)	Vocational	3.0
BCV	0	128	Carpenter	Vocational	1.0
BCV	0	164	Painter and Paper Hanger (1 of 2)	Vocational	2.0
BCV	0	165	Painter and Paper Hanger (2 of 2)	Vocational	2.0
BCV	0	168	Floor Covering Installer	Vocational	3.0
BCV	0	180	Plasterer	Vocational	3.0
BCV	0	186	Drywall Installer (1 of 2)	Vocational	2.0
BCV	0	187	Drywall Installer (2 of 2)	Vocational	2.0
BCV	0	235	Cabinet Finisher	Vocational	1.0
BCV	0	240	Cabinet Assembler	Vocational	2.0
BCV	0	243	Cabinetmaker	Vocational	3.0
BCV	0	300	Concrete Finisher	Vocational	1.0
BCV	0	330	Masonry Tender	Vocational	3.0
BCV	0	360	Bricklayer Helper	Vocational	2.0
BCV	0	362	Brickmason (1 of 2)	Vocational	3.0
BCV	0	363	Brickmason (2 of 2)	Vocational	3.0
BCV	0	392	Hard Tile Setter (1 of 2)	Vocational	1.5
BCV	0	393	Hard Tile Setter (2 of 2)	Vocational	1.5
BCV	0	400	Building Construction Helper	Vocational	3.0
BCV	0	401	Building Construction Technician 1	Vocational	2.0
BCV	0	402	Building Construction Technician 2	Vocational	2.0
BCV	0	508	Helper, Plumber, Pipefitter	Vocational	2.0
BCV	0	540	Residential Plumber	Vocational	2.0
BCV	0	562	Commercial Plumber	Vocational	2.0
BCV	0	565	Fire Sprinkler Installer Helper	Vocational	2.0
BCV	0	566	Fire Sprinkler Installer (1 of 2)	Vocational	2.5
BCV	0	567	Fire Sprinkler Installer (2 of 2)	Vocational	2.5
BCV	0	592	Plumber	Vocational	1.0
BCV	0	603	Electrician Helper	Vocational	2.0
BCV	0	640	Residential Electrician	Vocational	3.0
BCV	0	652	Commercial Electrician	Vocational	3.0
BCV	0	667	Industrial Electrician	Vocational	2.0
BRC	0	090	Data Entry Clerk	Vocational	1.0
BRC	0	091	Credit Checkers	Vocational	3.0
BRC	0	093	Brokerage Clerk	Vocational	1.0
BRC	0	109	Tellers	Vocational	1.0
CGS	X	820C	Web Development and Design	Practical Arts	0.5
CJK	0	120	Police Service Aide - Criminal Justice Operations	Vocational	3.0
CJK	0	132	Private Security Officer	Vocational	0.0
CJK	0	134	Armed Private Security Officer	Vocational	0.0

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POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
COS	0	005	Hairdresser and Cosmetologist (1 of 2)	Practical Arts	2.0
COS	0	006	Hairdresser and Cosmetologist (2 of 2)	Practical Arts	2.0
COS	0	150	Restricted Barber (1 of 3)	Vocational	2.0
COS	0	151	Restricted Barber (2 of 3)	Vocational	2.0
COS	0	152	Restricted Barber (3 of 3)	Vocational	2.0
COS	0	671	Barber	Vocational	2.0
CSP	0	015	Manicurist and Pedicurist	Practical Arts	2.0
CSP	0	265	Facials/Skin Care Specialist	Practical Arts	2.0
CTS	0	000	Voice Writing (1 of 2)	Vocational	2.5
CTS	0	001	Voice Writing (2 of 2)	Vocational	2.5
CTS	0	002	Voice Writer (1 of 2)	Vocational	3.0
CTS	0	003	Voice Writer (2 of 2)	Vocational	3.0
CTS	0	022	Network Support Help Desk Assistant	Vocational	1.0
CTS	0	023	Network Support Administrator	Vocational	1.0
CTS	0	024	Senior Network Administrator	Vocational	1.0
CTS	0	026	Network Support Manager	Vocational	1.0
CTS	0	027	Systems Administrator	Vocational	1.0
CTS	0	028	Systems Engineer	Vocational	1.0
CTS	0	029	Wireless Network Administrator	Vocational	1.0
CTS	0	040	IT Programming and Database	Vocational	1.0
CTS	0	041	Computer Programmer Assistant	Vocational	2.0
CTS	0	042	Junior Programmer	Vocational	2.0
CTS	0	043	Junior Programmer II	Vocational	2.0
CTS	0	044	Computer Programmer	Vocational	1.0
CTS	0	046	Database Fundamentals	Vocational	1.0
CTS	0	047	Specialized Database Programming	Vocational	1.0
CTS	0	067	Specialized Database Applications	Vocational	1.0
CTS	0	076	Assistant Web Designer	Practical Arts	2.0
CTS	0	077	Web Designer	Practical Arts	2.0
CTS	0	078	Senior Web Designer	Practical Arts	2.0
CTS	0	079	IT Web and Digital Media	Practical Arts	1.0
CTS	0	086	Help Desk Support Assistant	Vocational	2.0
CTS	0	087	Help Desk Technician	Vocational	2.0
CTS	0	088	Help Desk Analyst	Vocational	1.0
CTS	0	099	IT Technical Support and Networking	Vocational	1.0
CTS	0	940	IT Internship	Vocational	1.0
DIG	X	000C	Introduction to Digital Media	Practical Arts	0.5
DIG	X	030C	Digital Video and Sound	Practical Arts	0.5
DIG	0	060	3-D Animation Production Assistant	Practical Arts	1.0
DIG	0	061	Modeler	Practical Arts	2.0
DIG	0	062	Texture Artist/Rigger	Practical Arts	2.0
DIG	0	063	Animation/Motion Capture Technician	Practical Arts	2.0
DIG	0	070	Game/Simulation Designer	Practical Arts	2.0
DIG	0	071	Game/Simulation Graphic Artist	Vocational	1.0
DIG	0	072	Game/Simulation 3D Animator	Vocational	1.0
DIG	0	073	Digital Media Artist	Vocational	1.0
DIG	0	074	Digital Media Specialist	Vocational	1.0
DIG	0	075	Game Programmer	Vocational	1.0
DIG	0	076	Game Software Developer	Vocational	1.0
DIG	0	077	Game Simulation Project Manager	Vocational	1.0
DIG	X	100	Web Design I	Practical Arts	0.5
DIG	X	109C	Digital Imaging Fundamentals	Practical Arts	0.5

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DIG	X	284C	Advanced Digital Video and Sound	Practical Arts	0.5
DIG	X	292C	Digital Post-Production	Practical Arts	0.5
DIG	X	341C	Motion Graphics for Digital Media	Practical Arts	0.5
DIG	X	348C	Lighting Design and Techniques	Practical Arts	0.5
DIG	X	430C	Digital Storytelling	Practical Arts	0.5
DIG	X	500C	Fundamentals of Interactive Design/Multimedia Authoring I	Practical Arts	0.5
DIG	X	940	Practicum and Portfolio Development	Practical Arts	0.5
DIM	0	101	Diesel Engine Technician Helper	Vocational	1.0
DIM	0	102	Diesel Electrical and Electronics Technician	Vocational	2.0
DIM	0	103	Diesel Equipment Preventative Maintenance Technician	Vocational	1.0
DIM	0	104	Diesel Engine Technician	Vocational	2.0
DIM	0	105	Diesel Brakes Technician	Vocational	2.0
DIM	0	106	Diesel Heating and Air Conditioning Technician	Vocational	1.0
DIM	0	107	Diesel Steering and Suspension Technician	Vocational	1.0
DIM	0	108	Diesel Drivetrain Technician	Vocational	1.0
DIM	0	109	Diesel Hydraulics Technician	Vocational	1.0
DIM	0	810	Transit Equipment Preventative Maintenance Technician	Vocational	1.5
DIM	0	811	Transit Basic Electrical Systems Technician	Vocational	1.0
DIM	0	812	Transit Wheelchair Lift/Ramp Technician	Vocational	0.5
DIM	0	813	Transit Diesel Engine Preventative Maintenance Technician	Vocational	1.0
DIM	0	814	Transit Steering and Suspension Technician	Vocational	1.0
DIM	0	820	Transit Hydraulics	Vocational	0.5
DIM	0	821	Transit Diesel Electrical and Diesel Engine Electronics Technician	Vocational	1.0
DIM	0	822	Transit Drivetrain Technician	Vocational	1.0
DIM	0	823	Transit Intermediate Electrical Systems Technician	Vocational	1.0
DIM	0	824	Transit Brakes/Air System Technician	Vocational	1.5
DIM	0	830	Transit Alternative Fuels System Technician	Vocational	1.0
DIM	0	831	Transit Advanced Electrical Systems Technician	Vocational	1.0
DIM	0	832	Transit Heating and Air-Conditioning Technician	Vocational	1.0
DIM	0	833	Transmission Diagnosis, Rebuild and Repair Technician	Vocational	1.0
DIM	0	834	Diesel Engine Diagnosis, Rebuild and Repair Technician	Vocational	1.0
EDG	0	312	Substitute Teacher	Vocational	1.0
EDG	0	317	Teacher Assisting	Vocational	3.0
EER	0	051	Telecommunications Installer	Vocational	1.0
EER	0	052	Telecommunications Installation and Repairer Specialist	Vocational	1.0
EER	0	055	Telecommunications Technician	Vocational	2.0
EER	0	310	Appliance Helper	Vocational	2.0
EER	0	315	Laundry Technician	Vocational	2.0
EER	0	317	Kitchen Technician	Vocational	3.0
EER	0	336	Copier/Printer Installer	Vocational	1.5
EER	0	337	Copier/Printer Maintenance Technician	Vocational	1.5
EER	0	381	Radio/TV/Video Specialist	Vocational	0.5
EER	0	522	TV Satellite Specialist	Vocational	0.5
EER	0	581	Audio Specialist	Vocational	0.5
EER	0	591	Security System Specialist	Vocational	0.5
EEV	0	010	Electronics Assembler	Vocational	2.0
EEV	0	020	Electrical, Electronic Assembler	Vocational	3.0
EEV	0	100	Electronics Tester	Vocational	3.0
EEV	0	200	Solar Energy Technician	Vocational	3.0
EEV	0	317	Data Communication Analyst	Vocational	1.0

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POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
EEV	0	500	Electronics Equipment Repairer	Vocational	2.5
EEV	0	501	End User Support Technician	Vocational	3.0
EEV	0	502	PC Electronics Installer	Vocational	1.0
EEV	0	503	Computer Support Specialist-LAN Technician	Vocational	2.0
EEV	0	504	Computer Support Assistant	Vocational	1.0
EEV	0	506	Field Service Technician	Vocational	2.0
EEV	0	507	Computer Specialist	Vocational	0.5
EEV	0	508	Digital Electronics Technician	Vocational	3.0
EEV	0	616	Electronics Technician	Vocational	3.0
EEV	0	710	Installation Assistant	Vocational	1.0
EEV	0	711	Level 1 Installer	Vocational	1.0
EEV	0	712	Level 2 Installer	Vocational	1.0
EEV	0	713	Mobile Electronics Technician	Vocational	1.0
ETC	0	003	Public Works Cadet 1	Vocational	1.0
ETC	0	004	Public Works Cadet 2	Vocational	1.0
ETC	0	005	Public Works Cadet 3	Vocational	1.0
ETI	0	450	Industrial Machine Maintenance Assistant	Vocational	3.0
ETI	0	456	Machinery Maintenance Mechanic	Vocational	2.0
ETI	0	457	Machinery Maintenance Technician	Vocational	1.0
ETI	0	458	Industrial Maintenance Specialist	Vocational	3.0
ETI	0	459	Millwright	Vocational	3.0
ETI	0	481	Production Worker	Vocational	1.0
ETI	0	482	Assembler	Vocational	1.0
ETI	0	484	Process Assistant	Vocational	1.0
ETI	0	485	Automation and Production Technician	Vocational	1.0
EVS	0	016	Swimming Pool Servicer	Vocational	3.0
EVS	0	158	Environmental Science and Protection Technicians 1	Vocational	2.0
EVS	0	159	Environmental Science and Protection Technicians 2	Vocational	2.0
FFP	0	010	Fire Fighter I	Vocational	3.0
FFP	0	020	Fire Fighter II	Vocational	1.0
FFP	0	142	Medical First Responder	Vocational	0.0
FFP	0	360	Fire Apparatus Operator	Vocational	0.5
FFP	0	363	EVOG	Vocational	0.0
FIL	0	080	Set Builder/Prop Maker	Practical Arts	2.0
FIL	0	081	Sound Equipment Operator	Vocational	1.5
FIL	0	082	Grips and lighting Equipment Operator	Vocational	2.5
FIL	0	083	Editing Equipment Operator	Vocational	2.5
FIL	0	084	Camera Assistant	Vocational	2.5
FOR	0	013	Forest and Conservation Technicians-Forestry	Vocational	1.0
FOR	0	014	Forest and Conservation Technicians- Natural Resources	Vocational	1.0
FOR	0	030	Forest and Conservation Workers	Vocational	3.0
FSS	0	064	Food Production	Practical Arts	0.5
FSS	0	228	Pastries and Desserts	Practical Arts	0.5
FSS	0	600	Food Service Supervisor	Vocational	1.0
GIS	0	090	GIS Technician Assistant	Practical Arts	2.0
GIS	0	091	GIS Technician	Practical Arts	2.0
GRA	0	001	Presentation Specialist	Practical Arts	1.0
GRA	0	002	Presentation Graphic Artist	Practical Arts	1.0
GRA	0	003	Web Production/Design Assistant	Practical Arts	1.0
GRA	0	005	Multimedia Production Assistant (Multimedia Essentials 1) 2 of 2	Practical Arts	1.0
GRA	0	006	Multimedia Junior Designer (Multimedia Essentials 2)	Practical Arts	3.0
GRA	0	007	Multimedia Designer (Video Editing for Multimedia)	Vocational	1.0

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POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
GRA	0	008	Multimedia Producer (Multimedia Authoring)	Vocational	2.0
GRA	0	009	Multimedia Specialist	Vocational	1.0
GRA	0	012	Copy Center Technician	Practical Arts	3.0
GRA	0	013	Process Camera Operator	Practical Arts	2.0
GRA	0	014	Layout Designer/Planner	Practical Arts	3.0
GRA	0	015	Duplicator Operator	Vocational	3.0
GRA	0	016	General Bindery Worker	Vocational	1.0
GRA	0	024	Production Assistant	Practical Arts	1.0
GRA	0	025	Digital Assistant Designer	Practical Arts	2.0
GRA	0	026	Graphic Designer	Practical Arts	2.0
GRA	0	027	Media Designer	Practical Arts	2.0
GRA	0	036	Desktop Publishing Assistant	Practical Arts	3.0
GRA	0	037	Design Technician	Practical Arts	3.0
GRA	0	038	Illustrator	Practical Arts	2.0
GRA	0	039	Print Media Artist	Practical Arts	2.0
GRA	0	079	Custom Promotional Design Manager	Practical Arts	2.0
GRA	X	204C	Digital Print Production	Practical Arts	0.5
GRA	X	206C	Fundamentals of Typography	Practical Arts	0.5
GRA	X	120C	Page Design and Layout	Practical Arts	0.5
GRA	X	156C	Digital Design and Illustration	Practical Arts	0.5
GRA	X	207C	Advanced Image Editing	Practical Arts	0.5
HEV	0	001	Automobile Upholstery Helper	Vocational	2.0
HEV	0	010	Retail Sales	Practical Arts	1.0
HEV	0	011	Tailor, Dressmaker	Practical Arts	1.0
HEV	0	012	Fabric and Apparel Patternmakers	Practical Arts	1.0
HEV	0	013	Fashion Coordinator/Stylist	Practical Arts	1.0
HEV	0	101	Child Care Teacher Aide	Vocational	0.5
HEV	0	117	Child Care Worker - Preschool	Vocational	0.5
HEV	0	156	Preschool Teacher	Practical Arts	2.0
HEV	0	162	Child Care Development Specialist	Vocational	1.0
HEV	0	244	Layout Machine Operator	Vocational	2.0
HEV	0	410	Interior Design Assistant	Practical Arts	1.0
HEV	0	414	Interior Design Specialist	Practical Arts	1.0
HEV	0	416	Drafter	Practical Arts	1.0
HEV	0	420	Sewing Machine Operator, Nongarment	Vocational	3.0
HEV	0	430	Upholstery Assembler/Fabricator	Vocational	2.0
HEV	0	432	Upholsterer	Vocational	2.0
HEV	0	441	Automobile Seat Cover Installer	Vocational	2.5
HEV	0	444	Automobile Headliner/Door Panel Installer (1 of 2)	Vocational	2.0
HEV	0	445	Automobile Headliner/Door Panel Installer (2 of 2)	Vocational	2.0
HEV	0	446	Automobile Carpet Installer	Vocational	0.5
HEV	0	447	Convertible and Vinyl Top Installer/Automotive Upholsterer	Vocational	2.0
HEV	0	450	Drapery Operator	Vocational	1.0
HEV	0	451	Drapery Supervisor	Practical Arts	3.0
HEV	0	510	Janitors/Cleaners	Vocational	1.0
HEV	0	511	Supervisor, Janitor	Vocational	1.0
HEV	0	540	Laundry, Dry Cleaning Machine Operator	Vocational	3.0
HEV	0	610	Diet Clerk	Vocational	1.0
HEV	0	620	Food Preparation Worker	Vocational	1.0
HEV	0	621	Combined Food Preparation and Serving Worker 1	Vocational	1.0
HEV	0	622	Combined Food Preparation and Serving Worker 2	Vocational	1.0

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POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
HEV	0	623	Cook	Practical Arts	1.0
HEV	0	624	Cook, Restaurant	Practical Arts	1.0
HEV	0	625	Food Service and Restaurant Manager	Vocational	1.0
HEV	0	626	Food Service Manager	Vocational	2.0
HMV	0	035	Travel Agent	Vocational	3.0
HMV	0	038	Travel Consultant	Vocational	1.0
HMV	0	101	Line Cook	Practical Arts	3.0
HMV	0	107	Breakfast Cook	Practical Arts	2.0
HMV	0	108	Pastry Cook	Vocational	2.0
HMV	0	109	Salad Person	Practical Arts	1.0
HMV	0	111	Steward	Practical Arts	0.5
HMV	0	112	Utility Cook	Practical Arts	1.0
HMV	0	141	Bus Person	Practical Arts	0.5
HMV	0	201	Front Desk Agent	Vocational	2.0
HMV	0	202	Lodging Managers	Vocational	1.0
HMV	0	740	Guest Services Agent	Vocational	1.0
HMV	0	741	Reservation and Transportation Agent	Vocational	2.0
MKA	0	010	Marketing Manager	Vocational	1.0
MKA	0	080	Entertainment, Sports and Related Workers	Vocational	2.0
MKA	0	081	Insurance Sales Agent	Vocational	0.0
MKA	0	090	Business Manager	Practical Arts	2.0
MKA	0	091	(Entrepreneur) General Manager	Vocational	1.0
MKA	0	092	(Business Owner) General Manager	Practical Arts	1.0
MKA	0	096	(Import/Export) Billing Clerk	Vocational	2.0
MKA	0	097	(Import/Export) Documentation Clerk	Vocational	1.0
MKA	0	098	(Import/Export) Sales Manager	Vocational	1.0
MKA	0	432	Salesperson, Retail	Practical Arts	2.0
MKA	0	433	Retail Manager	Practical Arts	1.0
MKA	0	455	(E-Commerce) Computer Specialist	Vocational	1.0
MKA	0	640	Sales Representative	Vocational	1.0
MKA	0	641	Driver/Sales	Vocational	0.5
MKA	0	642	Warehouseman	Vocational	1.0
MKA	0	643	Billing, Cost and Rate Clerk	Vocational	0.5
MKA	0	644	Parts Accounting Clerk	Vocational	1.0
MKA	0	645	Order Clerk	Vocational	0.5
MKA	0	646	Parts Specialist	Vocational	2.5
MKA	0	647	Stockroom Clerk	Vocational	0.5
MKA	0	648	Purchasing Agent	Vocational	0.5
MKA	0	649	Distribution Manager	Vocational	1.0
MNA	0	000	Manager Trainee (1 of 2)	Vocational	2.0
MNA	0	001	Manager Trainee 2 of 2)	Vocational	2.0
MNA	0	080	Supervisor/Manager Trainee	Vocational	2.0
MNA	0	081	First Line Supervisor	Practical Arts	1.0
MNA	0	082	Supervisor	Vocational	3.0
MNA	0	083	Customer Care Representative	Vocational	1.0
MNA	0	084	Customer Service Representative (Customer Service Team Leader)	Vocational	1.0
MNA	0	085	Customer Service Manager	Vocational	1.0
MNA	0	086	Customer Care Specialist	Vocational	1.0
MNA	0	090	General Operations Manager/Owner	Vocational	1.0
MNA	0	135	Telecommunications Clerk (Customer Support)	Vocational	1.0
MNA	0	136	Telesales Representative (Customer Service Representative)	Vocational	1.0

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POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
MNA	0	830	E-Commerce Customer Service Representative	Practical Arts	1.0
MNA	0	831	E-Commerce Entrepreneur	Vocational	1.0
MNA	0	832	E-Commerce Web Assistant	Vocational	1.0
MOM	0	001	Assembler (Setup)	Vocational	1.0
MOM	0	002	Parts Clerk	Vocational	1.0
MOM	0	100	Helper, Mechanic	Vocational	3.0
MOM	0	400	Motorcycle Mechanic	Vocational	5.0
MTE	0	003	Marine Rigger	Vocational	2.0
MTE	0	050	Outboard Engine Technician 1	Vocational	2.0
MTE	0	054	Inboard Gas Technician	Vocational	1.0
MTE	0	056	Inboard Diesel Technician	Vocational	1.0
MTE	0	070	Outboard Engine Technician 2	Vocational	2.0
MTE	0	183	Stern Drive Technician	Vocational	1.0
MTE	0	304	Fiberglass Plug Specialist	Vocational	2.0
MTE	0	305	Fiberglass Technician	Vocational	2.0
MTE	0	306	Fiberglass Specialist	Vocational	1.0
MTE	0	320	Wooden Boat Technician	Vocational	1.0
MTE	0	321	Wooden Boat Specialist	Vocational	1.0
MTE	0	360	Boat Repairer/Refinisher Helper	Vocational	2.0
MTE	0	361	Boat Refinishing Technician	Vocational	2.0
MTE	0	376	Boat Repairer 1 (1 of 2)	Vocational	3.0
MTE	0	377	Boat Repairer 2 (2 of 2)	Vocational	2.0
MTE	0	410	Boat Systems Specialist	Vocational	2.0
MTE	0	880	Officer or Fishing Vessel Captain (1 of 2)	Vocational	2.5
MTE	0	881	Officer or Fishing Vessel Captain (2 of 2)	Vocational	2.5
ORH	0	060	Delivery Person , Floral	Practical Arts	1.0
ORH	0	061	Retail Sales (Floral)	Practical Arts	1.0
ORH	0	062	Weighers, Measurers, Checkers, Suppliers, Samplers and Recordkeeping	Practical Arts	1.0
ORH	0	063	Floral Design (Assistant)	Practical Arts	1.0
ORH	0	064	Floral Designer	Practical Arts	1.0
ORH	0	065	Retail Manager (Floral)	Practical Arts	1.0
OTA	0	030	Assistant Digital Production Designer	Vocational	1.0
OTA	0	040	Information Technology Assistant	Practical Arts	1.0
OTA	0	041	Front Desk Specialist	Vocational	2.0
OTA	0	042	Administrative Support	Vocational	1.0
OTA	0	043	Administrative Assistant	Vocational	3.0
OTA	0	044	Court Reporting Transcriptionist 1 (1 of 3)	Vocational	2.0
OTA	0	045	Court Reporting Transcriptionist 2 (2 of 3)	Vocational	2.0
OTA	0	046	Court Reporting Transcriptionist 3 (3 of 3)	Vocational	1.0
OTA	0	047	Court Reporting Scopist	Vocational	4.0
OTA	0	048	Court Reporter (1 of 4)	Vocational	2.5
OTA	0	049	Court Reporter (2 of 4)	Vocational	2.5
OTA	0	050	Legal Administrative Specialist	Vocational	3.0
OTA	0	051	Court Reporter (3 of 4)	Vocational	2.5
OTA	0	052	Court Reporter (4 of 4)	Vocational	2.5
OTA	0	631	Medical Office Technologist	Vocational	2.0
OTA	0	651	Medical Administrative Specialist	Vocational	2.0
PGY	0	180	Photographic Imaging Specialist (1 of 2)	Practical Arts	2.0
PGY	0	181	Photographic Imaging Specialist (2 of 2)	Practical Arts	2.0
PGY	0	182	Photography Specialist/Lab Technician	Practical Arts	1.0
PGY	0	183	Portrait Photographer (1 of 2)	Practical Arts	1.5
PGY	0	184	Portrait Photographer (2 of 2)	Practical Arts	1.5
PGY	0	185	Commercial Photographer	Practical Arts	3.0

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POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
PMT	0	011	Welder Helper	Vocational	1.5
PMT	0	012	Welder, Shielded Metal Arc	Vocational	2.0
PMT	0	013	Welder, Gas-Metal Arc	Vocational	1.0
PMT	0	014	Welder, Flux Cored Arc	Vocational	0.5
PMT	0	015	Welder, Gas-Tungsten Arc	Vocational	1.0
PMT	0	016	Welder, Pipe	Vocational	2.0
PMT	0	020	Machinist Helper	Vocational	2.0
PMT	0	021	Machine Operator	Vocational	3.0
PMT	0	023	Machine Setup Operator	Vocational	3.0
PMT	0	025	Machinist	Vocational	2.0
PMT	0	030	Sheet Metal Helper	Vocational	3.0
PMT	0	032	Sheet Metal Fabricator	Vocational	1.5
PMT	0	033	Architectural Fabricator	Vocational	1.5
PMT	0	034	Commercial Kitchen Fabricator	Vocational	1.5
PMT	0	035	Sheet Metal Welder	Vocational	1.5
PMT	0	050	Metal Fabricator Helper	Vocational	3.0
PMT	0	052	Metal Fabricator	Vocational	1.0
PMT	0	053	Metal Fabricator Assembler 1 (1 of 2)	Practical Arts	2.0
PMT	0	054	Metal Fabricator Assembler 2 (2 of 2)	Vocational	3.0
PMT	0	055	Structural Metal Fabricator	Vocational	2.0
PMT	0	630	Jewelry Designer	Practical Arts	3.0
PMT	0	632	Stone Setter	Practical Arts	1.0
PMT	0	640	Wax Modeler/Casting	Practical Arts	1.0
PMT	0	641	Jewelry Repairer	Practical Arts	2.0
PMT	0	645	Certified Jeweler	Practical Arts	1.0
PMT	0	650	Clock, Watch and Jewelry Technician	Practical Arts	3.0
RTT	0	514	Studio Assistant	Practical Arts	3.0
RTT	0	516	Studio Technician	Vocational	3.0
RTT	0	518	Studio Technician/Edit Assistant	Practical Arts	3.0
RTT	0	520	Television Production/Edit Technician	Vocational	2.0
RTT	0	522	Broadcast Announcer	Practical Arts	1.0
RTT	0	523	Audio Equipment Technician	Practical Arts	2.0
RTT	0	524	Sound Engineering Technician	Practical Arts	2.0
RTT	0	525	Broadcast Technician	Practical Arts	2.0
RTT	0	530	Digital Video Fundamentals	Practical Arts	1.0
RTT	0	531	Audio and Video Equipment Technician	Practical Arts	1.0
RTT	0	532	Camera Operator	Practical Arts	2.0
RTT	0	533	Video Editor	Practical Arts	2.0
RTT	0	534	Multi-media Artist and Animator	Practical Arts	2.0
SBM	0	200	Small Business Manager	Vocational	2.0
SER	0	001	Service Technician	Vocational	1.0
SER	0	161	Small Engine Mechanic 1 (1 of 2)	Vocational	2.0
SER	0	162	Small Engine Mechanic 2 (2 of 2)	Vocational	2.0
SER	0	171	Installer Repairer	Vocational	1.0
SER	0	341	Helper, Mechanic and Repairer	Vocational	1.0
SER	0	700	Clerk Parts	Vocational	1.0
SUR	0	130	Surveying Rodman	Vocational	3.0
SUR	0	132	Survey Assistant, Instrument	Vocational	3.0
SUR	0	134	Survey Party Chief	Vocational	3.0
TDR	0	070	Blueprint Reader	Vocational	1.0
TDR	0	370	Drafting Assistant	Vocational	3.0
TDR	0	371	Architectural Detailer	Practical Arts	2.0

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POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
TDR	0	571	Architectural CAD Drafter 1	Practical Arts	1.5
TDR	0	572	Architectural CAD Drafter 2	Practical Arts	1.5
TDR	0	573	Drafter Architectural (1 of 2)	Practical Arts	2.0
TDR	0	574	Drafter Architectural (2 of 2)	Practical Arts	2.0
TDR	0	661	Drafter, Electrical (1 of 2)	Practical Arts	2.0
TDR	0	662	Drafter, Electrical (2 of 2)	Practical Arts	2.0
TDR	0	671	Drafter, Electronics (1 of 2)	Practical Arts	2.0
TDR	0	672	Drafter, Electronics (2 of 2)	Practical Arts	2.0
TDR	0	770	Drafting Detailer	Practical Arts	1.0
TDR	0	771	Mechanical CAD Drafter 1	Practical Arts	1.5
TDR	0	772	Mechanical CAD Drafter 2	Practical Arts	1.5
TDR	0	773	Drafter, Mechanical 1	Practical Arts	2.0
TDR	0	774	Drafter, Mechanical 2	Practical Arts	2.0
TDR	0	870	Drafter, Cartographic	Practical Arts	2.0
TDR	0	871	Drafter, Civil 1	Practical Arts	2.0
TDR	0	872	Drafter, Civil 2	Practical Arts	2.0
TDR	0	873	Drafter, Structural	Practical Arts	2.0
TRA	0	180	Packer	Vocational	1.0
TRA	0	181	Material Handler	Vocational	1.0
TRA	0	182	Shipping, Receiving and Traffic Clerk	Vocational	1.0
TRA	0	183	Logistics Technician	Vocational	1.0
VIC	X	301	Advanced Multimedia Computer Presentations	Practical Arts	0.5

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), 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
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
AST	X	005	Astronomy I (Lecture Only)	Science	0.5
AST	X	005/005L	Astronomy I (Lecture and Lab Course)	Science	1.0
AST	X	005C	Astronomy I (Combined Lecture and Lab)	Science	1.0

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POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
AST	X	006	Astronomy II (Lecture Only)	Science	0.5
AST	X	006/006L	Astronomy II (Lecture and Lab Course)	Science	1.0
AST	X	006C	Astronomy II (Combined Lecture and Lab)	Science	1.0
AST	X	100	Solar System Astronomy (Lecture Only)	Science	0.5
AST	X	100/100L	Solar System Astronomy (Lecture and Lab Course)	Science	1.0
AST	X	100C	Solar System Astronomy (Combined Lecture and Lab)	Science	1.0
BOT	X	000	Plant Science (Lecture Only)	Science	0.5
BOT	X	000/000L	Plant Science (Lecture and Lab Course)	Science	1.0
BOT	X	000C	Plant Science (Combined Lecture and Lab)	Science	1.0
BOT	X	010	Introductory Botany (Lecture Only)	Science	0.5
BOT	X	010/010L	Introductory Botany (Lecture and Lab Course)	Science	1.0
BOT	X	010C	Introductory Botany (Combined Lecture and Lab)	Science	1.0
BOT	X	011	Botany (Lecture Only)	Science	0.5
BOT	X	011/011L	Botany (Lecture and Lab Course)	Science	1.0
BOT	X	011C	Botany (Combined Lecture and Lab)	Science	1.0
BOT	X	015	Honors Introduction to Plant Biology (Lecture Only)	Science	0.5
BOT	X	015/015L	Honors Introduction to Plant Biology (Lecture and Lab Course)	Science	1.0
BOT	X	015C	Honors Introduction to Plant Biology (Combined Lecture and Lab)	Science	1.0
BOT	X	153	Local Flora (Lecture Only)	Science	0.5
BOT	X	153/153L	Local Flora (Lecture and Lab Course)	Science	1.0
BOT	X	153C	Local Flora (Combined Lecture and Lab)	Science	1.0
BOT	X	501	Introductory Plant Physiology (Lecture Only)	Science	0.5
BOT	X	501/501L	Introductory Plant Physiology (Lecture and Lab Course)	Science	1.0
BOT	X	501C	Introductory Plant Physiology (Combined Lecture and Lab)	Science	1.0
BOT	X	710	Basic Plant Taxonomy (Lecture Only)	Science	0.5
BOT	X	710/710L	Basic Plant Taxonomy (Lecture and Lab Course)	Science	1.0
BOT	X	710C	Basic Plant Taxonomy (Combined Lecture and Lab)	Science	1.0
BSC	X	001	Introduction to Biology (Lecture Only)	Science	0.5
BSC	X	001/001L	Introduction to Biology (Lecture and Lab Course)	Science	1.0
BSC	X	001C	Introduction to Biology (Combined Lecture and Lab)	Science	1.0
BSC	X	005	General Biology (Non-Majors) (Lecture Only)	Science	0.5
BSC	X	005/005L	General Biology (Non-Majors) (Combined Lecture and Lab)	Science	1.0
BSC	X	005C	General Biology (Non-Majors) (Combined Lecture and Lab)	Science	1.0
BSC	X	006	General Biology (Lecture Only)	Science	0.5
BSC	X	006/006L	General Biology (Lecture And Lab Course)	Science	1.0
BSC	X	006C	General Biology (Combined Lecture And Lab)	Science	1.0
BSC	X	007	Life Sciences (Lecture Only)	Science	0.5
BSC	X	007/007L	Life Sciences (Lecture and Lab Course)	Science	1.0
BSC	X	007C	Life Sciences (Combined Lecture and Lab)	Science	1.0
BSC	X	008	Bio Sci II: Evolution, Ecology & Behavior (Lecture Only)	Science	0.5
BSC	X	008/008L	Bio Sci II: Evolution, Ecology & Behavior (Lecture and Lab Course)	Science	1.0
BSC	X	008C	Bio Sci II: Evolution, Ecology & Behavior (Combined Lecture and Lab)	Science	1.0
BSC	X	009	Introduction To Biology (Lecture Only)	Science	0.5
BSC	X	009/009L	Introduction To Biology (Lecture and Lab Course)	Science	1.0
BSC	X	009C	Introduction To Biology (Combined Lecture and Lab)	Science	1.0
BSC	X	010	General Biology (Lecture Only)	Science	0.5
BSC	X	010/010L	General Biology (Lecture and Lab Course)	Science	1.0
BSC	X	010C	General Biology (Combined Lecture and Lab)	Science	1.0
BSC	X	011	General Biology (Lecture Only)	Science	0.5
BSC	X	011/011L	General Biology (Lecture and Lab Course)	Science	1.0
BSC	X	011C	General Biology (Combined Lecture and Lab)	Science	1.0
BSC	X	012	General Biology: Habitats & Organisms (Lecture Only)	Science	0.5
BSC	X	012/012L	General Biology: Habitats & Organisms (Lecture and Lab Course)	Science	1.0
BSC	X	012C	General Biology: Habitats & Organisms (Combined Lecture and Lab)	Science	1.0

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BSC	X	020	Human Biology (Lecture Only)	Science	0.5
BSC	X	020/020L	Human Biology (Lecture and Lab Course)	Science	1.0
BSC	X	020C	Human Biology (Combined Lecture and Lab)	Science	1.0
BSC	X	022	Biology of Aging (Lecture Only)	Science	0.5
BSC	X	022/002L	Biology of Aging (Lecture and Lab Course)	Science	1.0
BSC	X	022C	Biology of Aging (Combined Lecture and Lab)	Science	1.0
BSC	X	023	Human Biology (Lecture Only)	Science	0.5
BSC	X	023/023L	Human Biology (Lecture and Lab Course)	Science	1.0
BSC	X	023C	Human Biology (Combined Lecture and Lab)	Science	1.0
BSC	X	024	Human Species (Lecture Only)	Science	0.5
BSC	X	024/024L	Human Species (Lecture and Lab Course)	Science	1.0
BSC	X	024C	Human Species (Combined Lecture and Lab)	Science	1.0
BSC	X	025	Nutrition and Drugs (Lecture Only)	Science	0.5
BSC	X	025/025L	Nutrition and Drugs (Lecture and Lab Only)	Science	1.0
BSC	X	025C	Nutrition and Drugs (Combined Lecture and Lab)	Science	1.0
BSC	X	040	Honors Biology I (Lecture Only)	Science	0.5
BSC	X	040/040L	Honors Biology I (Lecture and Lab Course)	Science	1.0
BSC	X	040C	Honors Biology I (Combined Lecture and Lab)	Science	1.0
BSC	X	041	Honors Biology II (Lecture Only)	Science	0.5
BSC	X	041/041L	Honors Biology II (Lecture and Lab Course)	Science	1.0
BSC	X	041C	Honors Biology II (Combined Lecture and Lab)	Science	1.0
BSC	X	050	Man & Environment (Lecture Only)	Science	0.5
BSC	X	050/050L	Man & Environment (Lecture and Lab Course)	Science	1.0
BSC	X	050C	Man & Environment (Combined Lecture and Lab)	Science	1.0
BSC	X	051	Specialized Environmental Biology (Lecture Only)	Science	0.5
BSC	X	051/051L	Specialized Environmental Biology (Lecture And Lab Course)	Science	1.0
BSC	X	051C	Specialized Environmental Biology (Combined Lecture And Lab)	Science	1.0
BSC	X	080	Anatomy & Physiology (1 Sem.) (Non-Hs Maj.) No Prereq (Lecture Only)	Science	0.5
BSC	X	080/080L	Anatomy & Physiology (1 Sem.) (Non-Hs Maj.) No Prereq (Lecture and Lab Course)	Science	1.0
BSC	X	080C	Anatomy & Physiology (1 Sem.) (Non-Hs Maj.) No Prereq (Combined Lecture and Lab)	Science	1.0
BSC	X	083	Human Anatomy (Lecture Only)	Science	0.5
BSC	X	083/083L	Human Anatomy (Lecture and Lab Course)	Science	1.0
BSC	X	083C	Human Anatomy (Combined Lecture and Lab)	Science	1.0
BSC	X	084	Anatomy & Physiology I (Lecture Only)	Science	0.5
BSC	X	084/084L	Anatomy & Physiology I (Lecture and Lab Course)	Science	1.0
BSC	X	084C	Anatomy & Physiology I (Combined Lecture and Lab)	Science	1.0
BSC	X	085	Anatomy & Physiology I (Lecture Only)	Science	0.5
BSC	X	085/085L	Anatomy & Physiology I (Lecture and Lab Course)	Science	1.0
BSC	X	085C	Anatomy & Physiology I (Combined Lecture and Lab)	Science	1.0
BSC	X	086	Anatomy & Physiology II (Lecture Only)	Science	0.5
BSC	X	086/086L	Anatomy & Physiology II (Lecture and Lab Course)	Science	1.0
BSC	X	086C	Anatomy & Physiology II (Combined Lecture and Lab)	Science	1.0
BSC	X	088	Human Physiology (Physiology Only) (Hs Maj.) No Prereq (Lecture Only)	Science	0.5
BSC	X	088/088L	Human Physiology (Physiology Only) (Hs Maj.) No Prereq (Lecture and Lab Course)	Science	1.0
BSC	X	088C	Human Physiology (Physiology Only) (Hs Maj.) No Prereq (Combined Lecture and Lab)	Science	1.0
BSC	X	092	Anatomy & Physiology (1 Sem) (Hs Maj.) With Prereq (Lecture Only)	Science	0.5
BSC	X	092/092L	Anatomy & Physiology (1 Sem) (Hs Maj.) With Prereq (Lecture and Lab Course)	Science	1.0
BSC	X	092C	Anatomy & Physiology (1 Sem) (Hs Maj.) With Prereq (Combined Lecture and Lab)	Science	1.0
BSC	X	093	Anatomy & Physiology I (Lecture Only)	Science	0.5
BSC	X	093/093L	Anatomy & Physiology I (Lecture and Lab Course)	Science	1.0
BSC	X	093C	Anatomy & Physiology I (Combined Lecture and Lab)	Science	1.0

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BSC	X	094	Anatomy & Physiology II (Lecture Only)	Science	0.5
BSC	X	094/094L	Anatomy & Physiology II (Lecture and Lab Course)	Science	1.0
BSC	X	094C	Anatomy & Physiology II (Combined Lecture and Lab)	Science	1.0
BSC	X	250	Flora & Fauna of Florida (Lecture Only)	Science	0.5
BSC	X	250/250L	Flora & Fauna of Florida (Lecture and Lab Course)	Science	1.0
BSC	X	250C	Flora & Fauna of Florida (Combined Lecture and Lab)	Science	1.0
BSC	X	254	Introductory Tropical Biology (Lecture Only)	Science	0.5
BSC	X	254/254L	Introductory Tropical Biology (Lecture and Lab Course)	Science	1.0
BSC	X	254C	Introductory Tropical Biology (Combined Lecture and Lab)	Science	1.0
BSC	X	300	Biology Systems I (Lecture Only)	Science	0.5
BSC	X	300/300L	Biology Systems I (Lecture And Lab Course)	Science	1.0
BSC	X	300C	Biology Systems I (Combined Lecture And Lab)	Science	1.0
BSC	X	301	Biological Systems II (Lecture Only)	Science	0.5
BSC	X	301/301L	Biological Systems II (Lecture And Lab)	Science	1.0
BSC	X	301C	Biological Systems II (Combined Lecture And Lab)	Science	1.0
BSC	X	311	Introduction To Marine Biology (Lecture Only)	Science	0.5
BSC	X	311/311L	Introduction To Marine Biology (Lecture and Lab Course)	Science	1.0
BSC	X	311C	Introduction To Marine Biology (Combined Lecture and Lab)	Science	1.0
BSC	X	312	Marine Biology (Broad Concepts) (Lecture Only)	Science	0.5
BSC	X	312/312L	Marine Biology (Broad Concepts) (Lecture and Lab Course)	Science	1.0
BSC	X	312C	Marine Biology (Broad Concepts) (Combined Lecture and Lab)	Science	1.0
BSC	X	420	Biotechnology (Lecture Only)	Science	0.5
BSC	X	420/420L	Biotechnology (Lecture and Lab Course)	Science	1.0
BSC	X	420C	Biotechnology (Combined Lecture and Lab)	Science	1.0
BSC	X	421	Biotechnology In Industry (Lecture Only)	Science	0.5
BSC	X	421/421L	Biotechnology In Industry (Lecture and Lab Course)	Science	1.0
BSC	X	421C	Biotechnology In Industry (Combined Lecture and Lab)	Science	1.0
BSC	X	427	Biotechnology Methods II (Lecture Only)	Science	0.5
BSC	X	427/427L	Biotechnology Methods II (Lecture and Lab Course)	Science	1.0
BSC	X	427C	Biotechnology Methods II (Combined Lecture and Lab)	Science	1.0
CHM	X	020	Chemical Science (Lecture Only)	Science	0.5
CHM	X	020/020L	Chemical Science (Lecture and Lab Course)	Science	1.0
CHM	X	020C	Chemical Science (Combined Lecture and Lab)	Science	1.0
CHM	X	021	Chemistry for Liberal Studies II (Lecture Only)	Science	0.5
CHM	X	021/021L	Chemistry for Liberal Studies II (Lecture and Lab Course)	Science	1.0
CHM	X	021C	Chemistry for Liberal Studies II (Combined Lecture and Lab)	Science	1.0
CHM	X	022	General Chemistry (Lecture Only)	Science	0.5
CHM	X	022/022L	General Chemistry (Lecture and Lab Course)	Science	1.0
CHM	X	022C	General Chemistry (Combined Lecture and Lab)	Science	1.0
CHM	X	023	General Chemistry II (Lecture Only)	Science	0.5
CHM	X	023/023L	General Chemistry II (Lecture and Lab Course)	Science	1.0
CHM	X	023C	General Chemistry II (Combined Lecture and Lab)	Science	1.0
CHM	X	025	Introduction to Chemistry (Lecture Only)	Science	0.5
CHM	X	025/025L	Introduction to Chemistry (Lecture and Lab Course)	Science	1.0
CHM	X	025C	Introduction to Chemistry (Combined Lecture and Lab)	Science	1.0
CHM	X	026	Advanced Chemical Calculations (Lecture Only)	Science	0.5
CHM	X	026/026L	Advanced Chemical Calculations (Lecture and Lab Course)	Science	1.0
CHM	X	026C	Advanced Chemical Calculations (Combined Lecture and Lab)	Science	1.0
CHM	X	030	Elementary Chemistry (Lecture Only)	Science	0.5
CHM	X	030/030L	Elementary Chemistry (Lecture and Lab Course)	Science	1.0
CHM	X	030C	Elementary Chemistry (Combined Lecture and Lab)	Science	1.0
CHM	X	031	Sci Allied Fields-Gen/Org/Biochm(2 of 2) (Lecture Only)	Science	0.5
CHM	X	031/031L	Sci Allied Fields-Gen/Org/Biochm(2 of 2) (Lecture and Lab Course)	Science	1.0
CHM	X	031C	Sci Allied Fields-Gen/Org/Biochm(2 of 2) (Combined Lecture and Lab)	Science	1.0
CHM	X	032	Gen Chem Sci Allied Fields(One Semester) (Lecture Only)	Science	0.5
CHM	X	032/032L	Gen Chem Sci Allied Fields(One Semester) (Lecture and Lab Course)	Science	1.0
CHM	X	032C	Gen Chem Sci Allied Fields(One Semester) (Combined Lecture and Lab)	Science	1.0

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CHM	X	033	Sci Allied Fields-Gen/Org/Biochm(1 Sem) (Lecture Only)	Science	0.5
CHM	X	033/033L	Sci Allied Fields-Gen/Org/Biochm(1 Sem) (Lecture and Lab Course)	Science	1.0
CHM	X	033C	Sci Allied Fields-Gen/Org/Biochm(1 Sem) (Combined Lecture and Lab)	Science	1.0
CHM	X	035	Expanded General Chemistry (1 of 2) (Lecture Only)	Science	0.5
CHM	X	035/035L	Expanded General Chemistry (1 of 2) (Lecture and Lab Course)	Science	1.0
CHM	X	035C	Expanded General Chemistry (1 of 2) (Combined Lecture and Lab)	Science	1.0
CHM	X	040	General Chem (Expanded Sequence:1 of 3) (Lecture Only)	Science	0.5
CHM	X	040/040L	General Chem (Expanded Sequence:1 of 3) (Lecture and Lab Course)	Science	1.0
CHM	X	040C	General Chem (Expanded Sequence:1 of 3) (Combined Lecture and Lab)	Science	1.0
CHM	X	041	General Chem (Expanded Sequence:2 of 3) (Lecture Only)	Science	0.5
CHM	X	041/041L	General Chem (Expanded Sequence:2 of 3) (Lecture and Lab Course)	Science	1.0
CHM	X	041C	General Chem (Expanded Sequence:2 of 3) (Combined Lecture and Lab)	Science	1.0
CHM	X	045	General Chemistry (Lecture Only)	Science	0.5
CHM	X	045/045L	General Chemistry I (Lecture and Lab Course)	Science	1.0
CHM	X	045C	General Chemistry I (Combined Lecture and Lab)	Science	1.0
CHM	X	046	General Chemistry (Lecture Only)	Science	0.5
CHM	X	046/046L	General Chemistry (Lecture and Lab Course)	Science	1.0
CHM	X	046C	General Chemistry (Combined Lecture and Lab)	Science	1.0
CHM	X	047	General Chemistry (Lecture Only)	Science	0.5
CHM	X	047/047L	General Chemistry (Lecture and Lab Course)	Science	1.0
CHM	X	047C	General Chemistry (Combined Lecture and Lab)	Science	1.0
CHM	X	050	General Chemistry and Qualitative Analysis (Lecture Only)	Science	0.5
CHM	X	050/050L	General Chemistry and Qualitative Analysis (Lecture and Lab Course)	Science	1.0
CHM	X	050C	General Chemistry and Qualitative Analysis (Combined Lecture and Lab)	Science	1.0
CHM	X	051	Honors: General Chemistry (2 of 2) (Lecture Only)	Science	0.5
CHM	X	051/051L	Honors: General Chemistry (2 of 2) (Lecture and Lab Course)	Science	1.0
CHM	X	051C	Honors: General Chemistry (2 of 2) (Combined Lecture and Lab)	Science	1.0
CHM	X	083	Chemistry In Modern Life (Lecture Only)	Science	0.5
CHM	X	083/083L	Chemistry In Modern Life (Lecture and Lab Course)	Science	1.0
CHM	X	083C	Chemistry In Modern Life (Combined Lecture and Lab)	Science	1.0
CHM	X	084	Environmental Chemistry (Lecture Only)	Science	0.5
CHM	X	084/084L	Environmental Chemistry (Lecture and Lab Course)	Science	1.0
CHM	X	084C	Environmental Chemistry (Combined Lecture and Lab)	Science	1.0
CHM	X	085	Honors Environmental Chemistry (Lecture Only)	Science	0.5
CHM	X	085/085L	Honors Environmental Chemistry (Lecture and Lab Course)	Science	1.0
CHM	X	085C	Honors Environmental Chemistry (Combined Lecture and Lab)	Science	1.0
CHM	X	120	Quantitative Analysis (Lecture Only)	Science	0.5
CHM	X	120/120L	Quantitative Analysis (Lecture and Lab Course)	Science	1.0
CHM	X	120C	Quantitative Analysis (Combined Lecture and Lab)	Science	1.0
CHM	X	121	Honors Quantitative Analysis (Lecture Only)	Science	0.5
CHM	X	121/121L	Honors Quantitative Analysis (Lecture and Lab Course)	Science	1.0
CHM	X	121C	Honors Quantitative Analysis (Combined Lecture and Lab)	Science	1.0
CHM	X	122	Introduction To Analytical Chemistry (Lecture Only)	Science	0.5
CHM	X	122/122L	Introduction To Analytical Chemistry (Lecture and Lab Course)	Science	1.0
CHM	X	122C	Introduction To Analytical Chemistry (Combined Lecture and Lab)	Science	1.0
CHM	X	124	Quantitative Analysis (Lecture Only)	Science	0.5
CHM	X	124/124L	Quantitative Analysis (Lecture and Lab Course)	Science	1.0
CHM	X	124C	Quantitative Analysis (Combined Lecture and Lab)	Science	1.0
CHM	X	132	Chemical Instrumentation Survey (Lecture Only)	Science	0.5
CHM	X	132/132L	Chemical Instrumentation Survey (Lecture and Lab Course)	Science	1.0
CHM	X	132C	Chemical Instrumentation Survey W/Lab (Combined Lecture and Lab)	Science	1.0

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CHM	X	200	Brief Organic Chemistry (Lecture Only)	Science	0.5
CHM	X	200/200L	Brief Organic Chemistry (Lecture and Lab Course)	Science	1.0
CHM	X	200C	Brief Organic Chemistry (Combined Lecture and Lab)	Science	1.0
CHM	X	205	Survey of Organic/Bio Chemistry (Lecture Only)	Science	0.5
CHM	X	205/205L	Survey of Organic/Bio Chemistry (Lecture and Lab Course)	Science	1.0
CHM	X	205C	Survey of Organic/Bio Chemistry (Combined Lecture and Lab)	Science	1.0
CHM	X	210	Organic Chemistry (Lecture Only)	Science	0.5
CHM	X	210/210L	Organic Chemistry (Lecture and Lab Course)	Science	1.0
CHM	X	210C	Organic Chemistry (Combined Lecture and Lab)	Science	1.0
CHM	X	211	Organic Chemistry II (Lecture Only)	Science	0.5
CHM	X	211/211L	Organic Chemistry II (Lecture and Lab Course)	Science	1.0
CHM	X	211C	Organic Chemistry II (Combined Lecture and Lab)	Science	1.0
ENY	X	040	The Insects (Lecture Only)	Science	0.5
ENY	X	040/040L	The Insects (Lecture and Lab Course)	Science	1.0
ENY	X	040C	The Insects (Combined Lecture and Lab)	Science	1.0
ESC	X	000	Earth Science (Lecture Only)	Science	0.5
ESC	X	000/000L	Earth Science (Lecture and Lab Course)	Science	1.0
ESC	X	000C	Earth Science (Combined Lecture and Lab)	Science	1.0
ESC	X	070	Global Change (Lecture Only)	Science	0.5
ESC	X	070/070L	Global Change (Lecture and Lab Course)	Science	1.0
ESC	X	070C	Global Change (Combined Lecture and Lab)	Science	1.0
EVR	X	001	Introduction to Environmental Science (Lecture Only)	Science	0.5
EVR	X	001/001L	Introduction to Environmental Science (Lecture and Lab Course)	Science	1.0
EVR	X	001C	Introduction to Environmental Science (Combined Lecture and Lab)	Science	1.0
EVS	X	001	Introduction to Environmental Sciences (Lecture Only)	Science	0.5
EVS	X	001/001L	Introduction to Environmental Sciences (Lecture and Lab Course)	Science	1.0
EVS	X	001C	Introduction to Environmental Sciences (Combined Lecture and Lab)	Science	1.0
GLY	X	000	Introduction to Geology (Lecture Only)	Science	0.5
GLY	X	000/000L	Introduction to Geology (Lecture and Lab Course)	Science	1.0
GLY	X	000C	Introduction to Geology (Combined Lecture and Lab)	Science	1.0
GLY	X	001	Elements of Earth Science (Lecture Only)	Science	0.5
GLY	X	001/001L	Elements of Earth Science (Lecture and Lab Course)	Science	1.0
GLY	X	001C	Elements of Earth Science (Combined Lecture and Lab)	Science	1.0
GLY	X	010	Physical Geology (Lecture Only)	Science	0.5
GLY	X	010/010L	Physical Geology (Lecture and Lab Course)	Science	1.0
GLY	X	010C	Physical Geology (Combined Lecture and Lab)	Science	1.0
GLY	X	030	Environmental Geology (Lecture Only)	Science	0.5
GLY	X	030/030L	Environmental Geology (Lecture and Lab Course)	Science	1.0
GLY	X	030C	Environmental Geology (Combined Lecture and Lab)	Science	1.0
GLY	X	050	Science, Earth and Life (Lecture Only)	Science	0.5
GLY	X	050/050L	Science, Earth and Life (Lecture and Lab Course)	Science	1.0
GLY	X	050C	Science, Earth and Life (Combined Lecture and Lab)	Science	1.0
GLY	X	080	Introduction to Marine Sciences (Lecture Only)	Science	0.5
GLY	X	080/080L	Introduction to Marine Sciences (Lecture and Lab Course)	Science	1.0
GLY	X	080C	Introduction to Marine Sciences (Combined Lecture and Lab)	Science	1.0
GLY	X	100	Historical Geology(Lecture Only)	Science	0.5
GLY	X	100/100L	Historical Geology (Lecture and Lab Course)	Science	1.0
GLY	X	100C	Historical Geology (Combined Lecture and Lab)	Science	1.0
GLY	X	103	History of Earth and Organisms (Lecture Only)	Science	0.5
GLY	X	103/103L	History of Earth and Organisms (Lecture and Lab Course)	Science	1.0
GLY	X	103C	History of Earth and Organisms (Combined Lecture and Lab)	Science	1.0
GLY	X	112	Earth Through Time (Lecture Only)	Science	0.5
GLY	X	112/112L	Earth Through Time (Lecture and Lab Course)	Science	1.0
GLY	X	112C	Earth Through Time (Combined Lecture and Lab)	Science	1.0
GLY	X	151	Geology & Environment of FL (Lecture Only)	Science	0.5
GLY	X	151/151L	Geology & Environment of FL (Lecture and Lab Course)	Science	1.0
GLY	X	151C	Geology & Environment of FL (Combined Lecture and Lab)	Science	1.0

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POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
GLY	X	171	Physiographic Features of The U.S. (Lecture Only)	Science	0.5
GLY	X	171/171L	Physiographic Features of The U.S. (Lecture and Lab Course)	Science	1.0
GLY	X	171C	Physiographic Features of The U.S. (Combined Lecture and Lab)	Science	1.0
GLY	X	730	Marine Geology(Lecture Only)	Science	0.5
GLY	X	730/730L	Marine Geology (Lecture and Lab Course)	Science	1.0
GLY	X	730C	Marine Geology (Combined Lecture and Lab)	Science	1.0
IDS	X	152	Ecology, Pollution, and Man (Lecture Only)	Science	0.5
IDS	X	152/152L	Ecology, Pollution, and Man (Lecture and Lab Course)	Science	1.0
IDS	X	152C	Ecology, Pollution, and Man (Combined Lecture and Lab)	Science	1.0
ISC	X	001	Integrated "Principles" of Science (Lecture Only)	Science	0.5
ISC	X	001/001L	Integrated "Principles" of Science (Lecture and Lab Course)	Science	1.0
ISC	X	001C	Integrated "Principles" of Science (Combined Lecture and Lab)	Science	1.0
ISC	X	002	Integrated Principles of Science (cont.) (Lecture Only)	Science	0.5
ISC	X	002/002L	Integrated Principles of Science (cont.) (Lecture and Lab Course)	Science	1.0
ISC	X	002C	Integrated Principles of Science (cont.) (Combined Lecture and Lab)	Science	1.0
ISC	X	003	Global Change, Its Scientific and Human Dimensions(Lecture Only)	Science	0.5
ISC	X	003/003L	Global Change, Its Scientific and Human Dimensions (Lecture and Lab Course)	Science	1.0
ISC	X	003C	Global Change, Its Scientific and Human Dimensions(Combined Lecture and Lab)	Science	1.0
ISC	X	004	Integrated Natural Science I: Science That Matters (Lecture Only)	Science	0.5
ISC	X	004/004L	Integrated Natural Science I: Science That Matters (Lecture and Lab Course)	Science	1.0
ISC	X	004C	Integrated Natural Science I: Science That Matters (Combined Lecture and Lab)	Science	1.0
ISC	X	005	Integrated Natural Science II: Science That Matters (Lecture Only)	Science	0.5
ISC	X	005/005L	Integrated Natural Science II: Science That Matters (Lecture and Lab Course)	Science	1.0
ISC	X	005C	Integrated Natural Science II: Science That Matters (Combined Lecture and Lab)	Science	1.0
ISC	X	006	Wide World of Science I (Lecture Only)	Science	0.5
ISC	X	006/006L	Wide World of Science I (Lecture and Lab Course)	Science	1.0
ISC	X	006C	Wide World of Science I (Combined Lecture and Lab)	Science	1.0
ISC	X	007	Wide World of Science II (Lecture Only)	Science	0.5
ISC	X	007/007L	Wide World of Science II (Lecture and Lab Course)	Science	1.0
ISC	X	007C	Wide World of Science II (Combined Lecture and Lab)	Science	1.0
ISC	X	140	Earth and its Environment (Lecture Only)	Science	0.5
ISC	X	140/140L	Earth and its Environment (Lecture and Lab Course)	Science	1.0
ISC	X	140C	Earth and its Environment (Combined Lecture and Lab)	Science	1.0
ISC	X	141	Earth, Sea, and Sky (Lecture Only)	Science	0.5
ISC	X	141/141L	Earth, Sea, and Sky (Lecture and Lab Course)	Science	1.0
ISC	X	141C	Earth, Sea, and Sky (Combined Lecture and Lab)	Science	1.0
MCB	X	000	Intro Microbiology: No Prerequisites (Lecture Only)	Science	0.5
MCB	X	000/000L	Intro Microbiology: No Prerequisites (Lecture and Lab Course)	Science	1.0
MCB	X	000C	Intro Microbiology: No Prerequisites (Combined Lecture and Lab)	Science	1.0
MCB	X	004	Introductory Microbiology: Biology/ Chemistry Prerequisite (Lecture Only)	Science	0.5
MCB	X	004/004L	Introductory Microbiology: Biology/ Chemistry Prerequisite (Lecture and Lab Course)	Science	1.0
MCB	X	004C	Introductory Microbiology: Biology/ Chemistry Prerequisite (Combined Lecture and Lab)	Science	1.0
MCB	X	010	Microbiology (Lecture Only)	Science	0.5
MCB	X	010/010L	Microbiology (Lecture and Lab Course)	Science	1.0
MCB	X	010C	Microbiology (Combined Lecture and Lab)	Science	1.0
MCB	X	013	Microbiology (Lecture Only)	Science	0.5
MCB	X	013/013L	Microbiology (Lecture and Lab Course)	Science	1.0
MCB	X	013C	Microbiology (Combined Lecture and Lab)	Science	1.0

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POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
MCB	X	020	MICROBIOLOGY (Lecture Only)	Science	0.5
MCB	X	020/020L	MICROBIOLOGY (Lecture and Lab Course)	Science	1.0
MCB	X	020C	MICROBIOLOGY (Combined Lecture and Lab)	Science	1.0
MCB	X	278	Intro to Epidemiology of Infectious Diseases W/Lab-Bs 1006c (Lecture Only)	Science	0.5
MCB	X	278/278L	Intro to Epidemiology of Infectious Diseases W/Lab-Bs 1006c (Lecture and Lab Course)	Science	1.0
MCB	X	278C	Intro to Epidemiology of Infectious Diseases W/Lab-Bs 1006c (Combined Lecture and Lab)	Science	1.0
MET	X	001	Weather & Climate - General Survey (Lecture Only)	Science	0.5
MET	X	001/001L	Weather & Climate - General Survey (Lecture and Lab Course)	Science	1.0
MET	X	001C	Weather & Climate - General Survey(Combined Lecture and Lab)	Science	1.0
MET	X	010	Meteorology (Lecture Only)	Science	0.5
MET	X	010/010L	Meteorology (Lecture and Lab Course)	Science	1.0
MET	X	010C	Meteorology (Combined Lecture and Lab)	Science	1.0
MET	X	101	General Climatology-Physical Processes (Lecture Only)	Science	0.5
MET	X	101/101L	General Climatology-Physical Processes (Lecture and Lab Course)	Science	1.0
MET	X	101C	General Climatology-Physical Processes (Combined Lecture and Lab)	Science	1.0
MET	X	700	General Meteorology – Majors (Lecture Only)	Science	0.5
MET	X	700/700L	General Meteorology – Majors (Lecture and Lab Course)	Science	1.0
MET	X	700C	General Meteorology – Majors (Combined Lecture and Lab)	Science	1.0
OCB	X	000	Survey of Marine Biology (Lecture Only)	Science	0.5
OCB	X	000/000L	Survey of Marine Biology (Lecture and Lab Course)	Science	1.0
OCB	X	000C	Survey of Marine Biology (Combined Lecture and Lab)	Science	1.0
OCB	X	003	Marine Biology (Lecture Only)	Science	0.5
OCB	X	003/003L	Marine Biology (Lecture and Lab Course)	Science	1.0
OCB	X	003C	Marine Biology (Combined Lecture and Lab)	Science	1.0
OCB	X	010	Introduction to Marine Biology (Lecture Only)	Science	0.5
OCB	X	010/010L	Introduction to Marine Biology (Lecture and Lab Course)	Science	1.0
OCB	X	010C	Introduction to Marine Biology (Combined Lecture and Lab)	Science	1.0
OCB	X	013	Introduction to Marine Biology (Lecture Only)	Science	0.5
OCB	X	013/013L	Introduction to Marine Biology (Lecture and Lab Course)	Science	1.0
OCB	X	013C	Introduction to Marine Biology (Combined Lecture and Lab)	Science	1.0
OCB	X	630	Introduction to Marine Ecology (Lecture only)	Science	0.5
OCB	X	630/630L	Introduction to Marine Ecology (Lecture and Lab Course)	Science	1.0
OCB	X	630C	Introduction to Marine Ecology (Combined Lecture and Lab)	Science	1.0
OCE	X	000	The Marine Environment (Lecture Only)	Science	0.5
OCE	X	000/000L	The Marine Environment (Lecture and Lab Course)	Science	1.0
OCE	X	000C	The Marine Environment (Combined Lecture and Lab)	Science	1.0
OCE	X	001	Survey of Oceanography (Lecture Only)	Science	0.5
OCE	X	001/001L	Survey of Oceanography (Lecture and Lab Course)	Science	1.0
OCE	X	001C	Survey of Oceanography (Combined Lecture and Lab)	Science	1.0
OCE	X	002	Survey of Oceanography II (Lecture Only)	Science	0.5
OCE	X	002/002L	Survey of Oceanography II (Lecture and Lab Course)	Science	1.0
OCE	X	002C	Survey of Oceanography II (Combined Lecture and Lab)	Science	1.0
OCE	X	005	Survey of Oceanography (Oceanus) (Lecture Only)	Science	0.5
OCE	X	005/005L	Survey of Oceanography (Oceanus) (Lecture and Lab Course)	Science	1.0
OCE	X	005C	Survey of Oceanography (Oceanus) (Combined Lecture and Lab)	Science	1.0
OCE	X	006	Marine Science (Lecture Only)	Science	0.5
OCE	X	006/006L	Marine Science (Lecture and Lab Course)	Science xx	1.0
OCE	X	006C	Marine Science (Combined Lecture and Lab)	Science xx	1.0
OCE	X	008	Oceanography (Lecture Only)	Science	0.5
OCE	X	008/008L	Oceanography (Lecture and Lab Course)	Science	1.0
OCE	X	008C	Oceanography (Combined Lecture and Lab)	Science	1.0
OCP	X	550	Global Climate Change: Oceanic/Atmospheric Interactions (Lecture Only)	Science	0.5
OCP	X	550/550L	Global Climate Change: Oceanic/Atmospheric Interactions (Lecture and Lab Course)	Science	1.0
OCP	X	550C	Global Climate Change: Oceanic/Atmospheric Interactions (Combined Lecture and Lab)	Science	1.0

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PCB	X	011	Functional Biology (Lecture Only)	Science	0.5
PCB	X	011/011L	Functional Biology (Lecture and Lab Course)	Science	1.0
PCB	X	011C	Functional Biology (Combined Lecture and Lab)	Science	1.0
PCB	X	030	Introduction to Ecology (Lecture Only)	Science	0.5
PCB	X	030/030L	Introduction to Ecology (Lecture and Lab Course)	Science	1.0
PCB	X	030C	Introduction to Ecology (Combined Lecture and Lab)	Science	1.0
PCB	X	033	General Intro Ecology: Prereq. (Lecture Only)	Science	0.5
PCB	X	033/033L	General Intro Ecology: Prereq. (Lecture and Lab Course)	Science	1.0
PCB	X	033C	General Intro Ecology: Prereq. (Combined Lecture and Lab)	Science	1.0
PCB	X	035	Concepts of Ecology (Lecture Only)	Science	0.5
PCB	X	035/035L	Concepts of Ecology (Lecture and Lab Course)	Science	1.0
PCB	X	035C	Concepts of Ecology (Combined Lecture and Lab)	Science	1.0
PCB	X	050	Intro Genetics (Non-Majors) (Lecture Only)	Science	0.5
PCB	X	050/050L	Intro Genetics (Non-Majors) (Lecture and Lab Course)	Science	1.0
PCB	X	050C	Intro Genetics (Non-Majors) (Combined Lecture and Lab)	Science	1.0
PCB	X	061	Genetics (Lecture Only)	Science	0.5
PCB	X	061/061L	Genetics (Lecture and Lab Course)	Science	1.0
PCB	X	061C	Genetics (Combined Lecture and Lab)	Science	1.0
PCB	X	099	Foundations of Human Physiology (Lecture Only)	Science	0.5
PCB	X	099/099L	Foundations of Human Physiology (Lecture and Lab Course)	Science	1.0
PCB	X	099C	Foundations of Human Physiology (Combined Lecture and Lab)	Science	1.0
PCB	X	131	Cell Biology (Lecture Only)	Science	0.5
PCB	X	131/131L	Cell Biology (Lecture and Lab Course)	Science	1.0
PCB	X	131C	Cell Biology (Combined Lecture and Lab)	Science	1.0
PCB	X	300	Aquatic Biology (Lecture Only)	Science	0.5
PCB	X	300/300L	Aquatic Biology (Lecture and Lab Course)	Science	1.0
PCB	X	300C	Aquatic Biology (Combined Lecture and Lab)	Science	1.0
PCB	X	304	River Ecology (Lecture Only)	Science	0.5
PCB	X	304/304L	River Ecology (Lecture and Lab Course)	Science	1.0
PCB	X	304C	River Ecology(Combined Lecture and Lab)	Science	1.0
PCB	X	308	Natural History of Florida's Rivers (Lecture Only)	Science xx	0.5
PCB	X	308/308L	Natural History of Florida's Rivers (Lecture and Lab Course)	Science xx	1.0
PCB	X	308C	Natural History of Florida's Rivers (Combined Lecture and Lab)	Science xx	1.0
PCB	X	435	Florida Environmental Systems (Lecture Only)	Science	0.5
PCB	X	435/435L	Florida Environmental Systems (Lecture and Lab Course)	Science	1.0
PCB	X	435C	Florida Environmental Systems (Combined Lecture and Lab)	Science	1.0
PCB	X	440	Basic Florida Ecology (Lecture Only)	Science	0.5
PCB	X	440/440L	Basic Florida Ecology (Lecture and Lab Course)	Science	1.0
PCB	X	440C	Basic Florida Ecology (Combined Lecture and Lab)	Science	1.0
PCB	X	610	Intro Genetics and Evolution (Lecture Only)	Science	0.5
PCB	X	610/610L	Intro Genetics and Evolution (Lecture and Lab Course)	Science	1.0
PCB	X	610C	Intro Genetics and Evolution (Combined Lecture and Lab)	Science	1.0
PCB	X	703	Human Physiology I (Lecture Only)	Science	0.5
PCB	X	703/703L	Human Physiology I (Lecture and Lab Course)	Science	1.0
PCB	X	703C	Human Physiology I (Combined Lecture and Lab)	Science	1.0
PHY	X	001	Technical Phys (Single Course Overview) (Lecture Only)	Science	0.5
PHY	X	001/001L	Technical Phys (Single Course Overview) (Lecture and Lab Course)	Science	1.0
PHY	X	001C	Technical Phys (Single Course Overview) (Combined Lecture and Lab)	Science	1.0
PHY	X	004	Tech Phys I (Lecture Only)	Science	0.5
PHY	X	004/004L	Tech Phys I (Lecture and Lab Course)	Science	1.0
PHY	X	004C	Tech Phys I (Combined Lecture and Lab)	Science	1.0
PHY	X	005	Applied Physics II (Lecture Only)	Science	0.5
PHY	X	005/005L	Applied Physics II (Lecture and Lab Course)	Science	1.0
PHY	X	005C	Applied Physics II (Combined Lecture and Lab)	Science	1.0
PHY	X	007	Physics for Health Related Technologies (Lecture Only)	Science	0.5
PHY	X	007/007L	Physics for Health Related Technologies (Lecture and Lab Course)	Science	1.0
PHY	X	007C	Physics for Health Related Technologies (Combined Lecture and Lab)	Science	1.0

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POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
PHY	X	020	Physical Science (Lecture Only)	Science	0.5
PHY	X	020/020L	Physical Science (Lecture and Lab Course)	Science	1.0
PHY	X	020C	Physical Science (Combined Lecture and Lab)	Science	1.0
PHY	X	023	Survey of General Physics (Lecture Only)	Science	0.5
PHY	X	023/023L	Survey of General Physics (Lecture and Lab Course)	Science	1.0
PHY	X	023C	Survey of General Physics (Combined Lecture and Lab)	Science	1.0
PHY	X	025	Basic Physics (One Semester) (Lecture Only)	Science	0.5
PHY	X	025/025L	Basic Physics (One Semester) (Lecture and Lab Course)	Science	1.0
PHY	X	025C	Basic Physics (One Semester) (Combined Lecture and Lab)	Science	1.0
PHY	X	033	Descriptive Classical and Modern Physics (Lecture Only)	Science	0.5
PHY	X	033/033L	Descriptive Classical and Modern Physics (Lecture and Lab Course)	Science	1.0
PHY	X	033C	Descriptive Classical and Modern Physics (Combined Lecture and Lab)	Science	1.0
PHY	X	048	General Physics (Lecture Only)	Science	0.5
PHY	X	048/048L	General Physics With Calculus (Lecture and Lab Course)	Science	1.0
PHY	X	048C	General Physics With Calculus (Combined Lecture and Lab)	Science	1.0
PHY	X	049	General Physics With Calculus II (Lecture Only)	Science	0.5
PHY	X	049/049L	General Physics With Calculus II (Lecture and Lab Course)	Science	1.0
PHY	X	049C	General Physics With Calculus II (Combined Lecture and Lab)	Science	1.0
PHY	X	053	General Physics I (Lecture Only)	Science	0.5
PHY	X	053/053L	General Physics I (Lecture and Lab Course)	Science	1.0
PHY	X	053C	General Physics I (Combined Lecture and Lab)	Science	1.0
PHY	X	054	General Physics II (Lecture Only)	Science	0.5
PHY	X	054/054L	General Physics II (Lecture and Lab Course)	Science	1.0
PHY	X	054C	General Physics II (Combined Lecture and Lab)	Science	1.0
PHY	X	101	Elements of Modern Physics (Lecture Only)	Science	0.5
PHY	X	101/101L	Elements of Modern Physics (Lecture and Lab Course)	Science	1.0
PHY	X	101C	Elements of Modern Physics (Combined Lecture and Lab)	Science	1.0
PHY	X	105	Modern Physics (Lecture Only)	Science	0.5
PHY	X	105/105L	Modern Physics (Lecture and Lab Course)	Science	1.0
PHY	X	105C	Modern Physics (Combined Lecture and Lab)	Science	1.0
PHY	X	420	Elementary Wave Theory (Lecture Only)	Science	0.5
PHY	X	420/420L	Elementary Wave Theory (Lecture and Lab Course)	Science	1.0
PHY	X	420C	Elementary Wave Theory (Combined Lecture and Lab)	Science	1.0
PSB	X	000	Basic Psychobiology (Lecture Only)	Science	0.5
PSB	X	000/000L	Basic Psychobiology (Lecture and Lab Course)	Science	1.0
PSB	X	000C	Basic Psychobiology (Combined Lecture and Lab)	Science	1.0
PSC	X	001	Ideas and Philosophy of Science (Lecture Only)	Science	0.5
PSC	X	001/001L	Ideas and Philosophy of Science (Lecture and Lab Course)	Science	1.0
PSC	X	001C	Ideas and Philosophy of Science (Combined Lecture and Lab)	Science	1.0
PSC	X	020	Fundamentals of Physical Science (Lecture Only)	Science	0.5
PSC	X	020/020L	Fundamentals of Physical Science (Lecture and Lab Course)	Science	1.0
PSC	X	020C	Fundamentals of Physical Science (Combined Lecture and Lab)	Science	1.0
PSC	X	104	Physical Science Survey (Lecture Only)	Science	0.5
PSC	X	104/104L	Physical Science Survey (Lecture and Lab Course)	Science	1.0
PSC	X	104C	Physical Science Survey (Combined Lecture and Lab)	Science	1.0
PSC	X	121	General Physical Sciences (Lecture Only)	Science	0.5
PSC	X	121/121L	General Physical Sciences (Lecture and Lab Course)	Science	1.0
PSC	X	121C	General Physical Sciences (Combined Lecture and Lab)	Science	1.0
PSC	X	311	Fundamentals of Astronomy and Geology (Lecture Only)	Science	0.5
PSC	X	311/311L	Fundamentals of Astronomy and Geology (Lecture and Lab Course)	Science	1.0
PSC	X	311C	Fundamentals of Astronomy and Geology (Combined Lecture and Lab)	Science	1.0
PSC	X	321	Fundamentals of Physics and Astronomy (Lecture Only)	Science	0.5
PSC	X	321/321L	Fundamentals of Physics and Astronomy (Lecture and Lab Course)	Science	1.0
PSC	X	321C	Fundamentals of Physics and Astronomy (Combined Lecture and Lab)	Science	1.0

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POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
PSC	X	331	Fundamentals of Chemistry & Geology(Lecture Only)	Science	0.5
PSC	X	331/331L	Fundamentals of Chemistry & Geology (Lecture and Lab Course)	Science	1.0
PSC	X	331C	Fundamentals of Chemistry & Geology (Combined Lecture and Lab)	Science	1.0
PSC	X	341	Physical Science (Lecture Only)	Science	0.5
PSC	X	341/341L	Physical Science (Lecture and Lab Course)	Science	1.0
PSC	X	341C	Physical Science (Combined Lecture and Lab)	Science	1.0
PSC	X	512	Physical Science & the Environment (Lecture Only)	Science	0.5
PSC	X	512/512L	Physical Science & the Environment (Lecture and Lab Course)	Science	1.0
PSC	X	512C	Physical Science & the Environment (Combined Lecture and Lab)	Science	1.0
STS	X	300	Human Anatomy and Physiology (Lecture Only)	Science	0.5
STS	X	300/300L	Human Anatomy and Physiology (Lecture and Lab Course)	Science	1.0
STS	X	300C	Human Anatomy and Physiology (Combined Lecture and Lab)	Science	1.0
ZOO	X	010	General Zoology (Lecture Only)	Science	0.5
ZOO	X	010/010L	General Zoology (Lecture and Lab Course)	Science	1.0
ZOO	X	010C	General Zoology (Combined Lecture and Lab)	Science	1.0
ZOO	X	203	General Invertebrate Zoo (Prereq) (Lecture Only)	Science	0.5
ZOO	X	203/230L	General Invertebrate Zoo (Prereq) (Lecture and Lab Course)	Science	1.0
ZOO	X	203C	General Invertebrate Zoo (Prereq) (Combined Lecture and Lab)	Science	1.0
ZOO	X	205	Advanced Invertebrate Zoology (Lecture Only)	Science	0.5
ZOO	X	205/205L	Advanced Invertebrate Zoology (Lecture and Lab Course)	Science	1.0
ZOO	X	205C	Advanced Invertebrate Zoology (Combined Lecture and Lab)	Science	1.0
ZOO	X	303	General Vertebrate Zoology (Lecture Only)	Science	0.5
ZOO	X	303/303L	General Vertebrate Zoology (Lecture and Lab Course)	Science	1.0
ZOO	X	303C	General Vertebrate Zoology (Combined Lecture and Lab)	Science	1.0
ZOO	X	503	Intro to Comparative Animal Behavior (Lecture Only)	Science	0.5
ZOO	X	503/503L	Intro to Comparative Animal Behavior (Lecture and Lab Course)	Science	1.0
ZOO	X	503C	Intro to Comparative Animal Behavior (Combined Lecture and Lab)	Science	1.0
ZOO	X	710	Comparative Vertebrate Anatomy (Lecture Only)	Science	0.5
ZOO	X	710/710L	Comparative Vertebrate Anatomy (Lecture and Lab Course)	Science	1.0
ZOO	X	710C	Comparative Vertebrate Anatomy (Combined Lecture and Lab)	Science	1.0

SOCIAL STUDIES

Social studies requirements for high school graduation in Florida are prescribed by statute. Unless indicated on the list below, all college social science courses taken through dual enrollment receive elective credit.

POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT				HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED
AMH	X	010	Introductory Survey To 1877	Social Studies: American History	0.5
AMH	X	011	Introductory Survey To 1877: Honors	Social Studies: American History	0.5
AMH	X	020	Introductory Survey Since 1877	Social Studies: American History	0.5
AMH	X	041	Survey of the American Experience I	Social Studies: American History	0.5
AMH	X	042	Survey of Social And Cultural History Since 1865	Social Studies: American History	0.5
AMH	X	050	Survey of the American Experience li	Social Studies: American History	0.5
ECO	X	000	Introduction To Economics	Social Studies: Economics	0.5
ECO	X	013	Principles Of Macroeconomics	Social Studies: Economics	0.5
ECO	X	023	Microeconomics	Social Studies: Economics	0.5
EGN	X	613	Engineering Economy	Social Studies: Economics	0.5
POS	X	041	American Government I	Social Studies: American Government	0.5
POS	X	042	American Government	Social Studies: American Government	0.5
POS	X	049	American Government	Social Studies: American Government	0.5
POS	X	050	American Government 1, Honors	Social Studies: American Government	0.5
WOH	X	001	World Civilization	Social Studies: World History	0.5
WOH	X	012	World History To 1500	Social Studies: World History	0.5
WOH	X	022	World History 1500 To Present	Social Studies: World History	0.5
WOH	X	023	Modern World History	Social Studies: World History	0.5
WOH	X	030	World History Since 1815	Social Studies: World History	0.5

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Articulation Coordinating Committee

April 18, 2012

Item #5

Subject: Credit-by-Examination: AP Student Performance in Subsequent Coursework

Proposed Committee Action

No Action – Discussion Item

Supporting Documentation: Materials included in the packet and at meeting

Presenter: Mr. Matthew Bouck

ADVANCED PLACEMENT EXAMINATIONS AND SUBSEQUENT PERFORMANCE IN POSTSECONDARY COURSEWORK – SUMMARY RESULTS

The Department has, since 2001, maintained a listing of examination programs and their associated college credits, the *ACC Credit-by-Exam Equivalencies*. This list was initially created and is maintained with the assistance of faculty discipline committees. Initial award of credit is guaranteed for passing scores in AP, IB, AICE, and CLEP; transfer credit is guaranteed for these exams plus DSST and Excelsior.

In HB 7151, the 2011 Legislature mandated the use of student performance data in the determination of exam and course equivalencies.

1007.27 Articulated acceleration mechanisms.—

(2) The Department of Education shall annually identify and publish the minimum scores, maximum credit, and course or courses for which credit is to be awarded for each College Level Examination Program (CLEP) ~~general examination~~, CLEP subject examination, College Board Advanced Placement Program examination, Advanced International Certificate of Education examination, and International Baccalaureate examination. The department shall use student performance data in subsequent postsecondary courses to determine the appropriate examination scores and courses for which credit is to be granted. Minimum scores may vary by subject area based on available performance data. In addition, the department shall identify such courses in the general education core curriculum of each state university and community college.

AP CALCULUS AB

Exam	AP Exam Score of 3	AP Exam Score of 4	AP Exam Score of 5
Calculus AB	MAC X311 (min. 4 credits)	Same as 3	Same as 3

Comparison of student performance for those completing AP Calculus AB (incl. BC subscore) with a score of 3+ or MAC x311 “Calculus I” with a grade of A/B/C and later performance in MAC x312 “Calculus II”

AP Score 3		AP Score 4		AP Score 5			
MAC x312 Count	MAC x312 GPA	MAC x312 Count	MAC x312 GPA	MAC x312 Count	MAC x312 GPA	Total Count	Total GPA
92	2.56	102	2.83	91	3.14	285	2.84*

MAC x311 Grade C		MAC x311 Grade B		MAC x311 Grade A			
MAC x312 Count	MAC x312 GPA	MAC x312 Count	MAC x312 GPA	MAC x312 Count	MAC x312 GPA	Total Count	Total GPA
2034	1.80	2884	2.45	2840	3.21	7758	2.56*

*p = 0.00008

DRAFT

AP CALCULUS BC

Exam	AP Exam Score of 3	AP Exam Score of 4	AP Exam Score of 5	Comments
Calculus BC	MAC X311 (min. 4 credits)	MAC X311 and X312 (min. 8 credits)	Same as 4	The BC exam includes a subscore for the AB portion of the exam for Calculus AB credit. Colleges should regard the subscore on the BC exam the same as an AP Calculus AB Exam score.

Comparison of student performance for those completing AP Calculus BC with a score of 3 or MAC x311 “Calculus I” with a grade of A/B/C and later performance in MAC x312 “Calculus II”

AP Score 3	
MAC x312 Count	MAC x312 GPA
33	2.78*

MAC x311 Grade C		MAC x311 Grade B		MAC x311 Grade A			
MAC x312 Count	MAC x312 GPA	MAC x312 Count	MAC x312 GPA	MAC x312 Count	MAC x312 GPA	Total Count	Total GPA
2034	1.80	2884	2.45	2840	3.21	7758	2.56*

**p = 0.39204*

Comparison of student performance for those completing AP Calculus BC with a score of 4-5 or MAC x312 “Calculus II” with a grade of A/B/C and later performance in MAC x313 “Calculus III”

AP Score 4		AP Score 5			
MAC x313 Count	MAC x313 GPA	MAC x313 Count	MAC x313 GPA	Total Count	Total GPA
16	3.69	37	2.98	53	3.17*

MAC x312 Grade C		MAC x312 Grade B		MAC x312 Grade A			
MAC x313 Count	MAC x313 GPA	MAC x313 Count	MAC x313 GPA	MAC x313 Count	MAC x313 GPA	Total MAC x313 Count	Total MAC x313 GPA
1502	2.07	2019	2.67	2049	3.33	5570	2.75*

**p = 0.02049*

DRAFT

AP BIOLOGY

Exam	AP Exam Score of 3	AP Exam Score of 4	AP Exam Score of 5
Biology	BSC X005C or BSC X005/X005L (min. 4 credits)	BSC X010C or BSC X010/X010L (min. 4 credits)	BSC X010C or BSC X010/X010L and BSC X011C or BSC X011/X011L (min. 8 credits)

Comparison of student performance for those completing AP Biology with a score of 3 or BSC x005 “General Biology” with a grade of A/B/C and subsequent performance in BSC x010 “Biology I”

AP Score 3	
BSC x010 Count	BSC x010 GPA
110	2.99*

BSC x005 Grade C		BSC x005 Grade B		BSC x005 Grade A			
BSC x010 Count	BSC x010 GPA	BSC x010 Count	BSC x010 GPA	BSC x010 Count	BSC x010 GPA	Total Count	Total GPA
382	1.87	742	2.38	920	3.05	2044	2.59*

* $p = 0.00039$

Comparison of student performance for those completing AP Biology with a score of 4 or BSC x010 “Biology I” with a grade of A/B/C and later performance in BSC x011 “Biology II”

AP Score 4	
BSC x011 Count	BSC x011 GPA
29	2.90*

BSC x010 Grade C		BSC x010 Grade B		BSC x010 Grade A			
BSC x011 Count	BSC x011 GPA	BSC x011 Count	BSC x011 GPA	BSC x011 Count	BSC x011 GPA	Total Count	Total GPA
5661	2.29	8042	2.81	6424	3.39	20127	2.85*

* $p = 0.81819$

DRAFT

AP CHEMISTRY

Exam	AP Exam Score of 3	AP Exam Score of 4	AP Exam Score of 5
Chemistry	CHM X020C or CHM X020 /X020L (min. 4 credits)	CHM X045C or CHM X045/X045L or CHM X040/X045L (min. 4 credits)	CHM X045C or CHM X045/X045L and CHM X046 or X046/X046L (min. 8 credits)

Comparison of student performance for those completing AP Chemistry with a score of 3 or CHM x020 "Introduction to Chemistry" with a grade of A/B/C and subsequent performance in CHM x045 "General Chemistry I"

AP Score 3	
CHM x045 Count	CHM x045 GPA
90	3.40*

CHM x020 Grade C		CHM x020 Grade B		CHM x020 Grade A		Total CHM x045 Count	Total CHM x045 GPA
CHM x045 Count	CHM x045 GPA	CHM x045 Count	CHM x045 GPA	CHM x045 Count	CHM x045 GPA		
375	1.42	245	1.99	184	2.84	804	1.93*

* $p = 0.00000$

Comparison of student performance for those completing AP Chemistry with a score of 4 or CHM x045 "General Chemistry I" with a grade of A/B/C and subsequent performance in CHM x046 "General Chemistry II"

AP Score 4	
CHM x046 Count	CHM x046 GPA
41	3.36*

CHM x045 Grade C		CHM x045 Grade B		CHM x045 Grade A		Total CHM x046 Count	Total CHM x046 GPA
CHM x046 Count	CHM x046 GPA	CHM x046 Count	CHM x046 GPA	CHM x046 Count	CHM x046 GPA		
2513	2.36	5367	3.00	8212	3.62	16092	3.22*

* $p = 0.00000$

DRAFT

AP ENGLISH LANGUAGE AND COMPOSITION

Exam	AP Exam Score of 3	AP Exam Score of 4	AP Exam Score of 5	Comments
English Language and Composition	ENC X101 (min. 3 credits)	ENC X101 and X102 (min. 6 credits)	Same as 4	Award min. 3 credits if ENC X101 already satisfied.

Comparison of student performance for those who complete AP English Language and Composition with a score of 3 or ENC x101 “Freshman Composition I” with a grade of A/B/C and subsequent performance in ENC x102 “Freshman Composition II”

AP Score 3	
ENC x102 Count	ENC x102 GPA
230	2.83*

ENC x101 Grade C		ENC x101 Grade B		ENC x101 Grade A			
ENC x102 Count	ENC x102 GPA	ENC x102 Count	ENC x102 GPA	ENC x102 Count	ENC x102 GPA	Total Count	Total GPA
32602	2.20	59346	2.75	40891	3.26	132839	2.78*

**p = 0.62617*

Issues

A determination of significant differences in student performance in specific exams and courses requiring a revision of the credit-by-examination equivalencies (would also change school grading calculations for acceleration mechanisms)

The decision to extend the study to all AP examinations

The decision to extend the study to IB, AICE, CLEP, DSST, and Excelsior

Articulation Coordinating Committee

April 18, 2012

Item #6

Subject: 2012 Legislation

Proposed Committee Action

No Action – Discussion Item

Supporting Documentation: Materials included in the packet and at meeting

Presenter: Mr. Matthew Bouck

Committee on Budget

SB 1994 — Postsecondary Education

by Budget Committee and Senator Gaetz

- Creates the Florida Polytechnic University. All laws governing a university will apply, including the establishment of a board of trustees and a president.
- Requires Florida Polytechnic University to meet the milestones in the Board of Governor's motion by December 31, 2016.
- Requires the University of South Florida (USF) to allow current USF Polytechnic students to complete their degree at USF.
- Transfers real and personal property, licenses and associated revenues, existing contracts, unexpended balances, appropriations, allocations, funds, and mutually agreed-upon obligations, responsibilities, and liabilities of USF Polytechnic to Florida Polytechnic University.
- Requires USF to retain the current faculty and staff, except for faculty and staff of the Florida Industrial and Phosphate Research Institute which are transferred to the new Florida Polytechnic University.
- Requires USF to transfer Polytechnic-related foundation funds to a new Florida Polytechnic University foundation after obtaining donor consent.
- Cancels all memorandums of understanding between USF and USF Polytechnic upon this act becoming law.
- Authorizes a university board of trustees to expend reserve or carry-forward balances from prior year operational and programmatic appropriations for legislatively approved fixed capital outlay projects authorized for the establishment of a new campus.
- Requires Florida Polytechnic University to allow the University of South Florida to use space at the Lakeland joint-use facility pursuant to a mutual agreement for the purpose of continuing the local education of existing USF Polytechnic students. Florida Polytechnic University shall transfer space at the Lakeland joint-use facility to Polk State College as new space becomes available on the new campus of Florida Polytechnic University.
- Authorizes the University of Florida to serve in an advisory/consulting capacity to the new university on certain issues.
- Provides civil immunity for USF and Florida Polytechnic University Board of Trustees, officers, and other employees for actions pertaining to this act.
- Appropriates \$6 million in recurring funds for USF College of Pharmacy.
- Appropriates \$10 million in recurring funds for USF for the purpose of allowing students enrolled in University of South Florida Polytechnic to complete their degrees at USF. This funding is contingent upon USF implementing the transfers required in the bill and upon USF maintaining full campus and program operations, including the retention of current faculty and staff of USF Polytechnic until June 30, 2012.

If approved by the Governor, these provisions take effect upon becoming law.

Vote: Senate 36-4; House 86-31

Committee on Budget

HB 5201 — Postsecondary Education Funding

by Higher Education Appropriations Subcommittee and Rep. O'Toole (SB 1992 by Budget Committee)

- Establishes the Florida Virtual Campus to provide access to online student and library support services, to serve as a statewide resource and clearinghouse for postsecondary education distance learning courses and degree programs and to increase student access and completion of degrees.
- Establishes a Degree Completion Pilot Program to recruit, recover, and retain adult learners and assist them in completing degrees aligned to high-wage, high-skill, and workforce needs.
- Increases the surcharge for excess credit hours.
- Authorizes the Board of Governors to transfer unused Student and Other Fees Trust Fund authority between institutions, and restricts universities' ability to transfer funds in excess of \$1 million to and from satellite campuses.
- Maintains the salary limitation on the amount of state funds that may be used for salaries of Florida College System and State University presidents and administrative employees in Fiscal Year 2012-13.
- Provides that a full-time student, co-enrolled in a K-12 education program and an adult general education program, may be reported for funding for two courses in an adult education program in Fiscal Year 2012-2013.
- Shortens the length of time from 3 years to 2 years that a student is eligible to accept the initial Bright Futures Scholarship after high school graduation.
- Clarifies that students enrolled in the Spring/Summer University of Florida pilot program are authorized to receive a Bright Futures Scholarship award for only two semesters each year.
- Clarifies that students are required to annually submit the Free Application for Federal Student Aid (FAFSA).
- Limits allowable uses for the Bright Futures Gold Seal Vocational Scholarship to vocational programs.
- Requires the Florida Fund for Minority Teachers (FFMT) and the Florida Education Fund (FEF) to provide financial reports on an annual basis.
- Requires the FFMT to use a contingency collection agency to recoup scholarship repayments from students in default.
- Eliminates a statutory FEF law scholarship program which is no longer utilized.
- Revises matching requirements for the FEF, the Jose Marti and Mary McLeod Bethune Scholarship Programs.
- Requires coalitions to maximize purchasing power for higher education institutions.
- Requires the Auditor General to notify the Joint Legislative Auditing Committee of any audit review which indicates that a state university or state college has failed to take corrective action in response to a recommendation which was included in the two preceding audit reports.

- Requires audits with significant findings for the Florida College System, State University System, and School Boards to be presented and discussed in a public board meeting.
- Authorizes the University of Florida to exceed the 5% bonding limitation on the Activity and Service (A&S) fee to fund the renovation and expansion of the student union.
- Establishes a Workforce Education scholarship pilot program for Adults with Disabilities for up to 30 students for 2 years in Hardee, DeSoto, Manatee, and Sarasota counties.
- Allows universities to enter into local development agreements to identify and negotiate plans to mitigate the impact of specific projects and the corresponding affects on local governments, notwithstanding ss. 1013.30 and 1013.51, F.S.
- Increases the limit of the Capital Improvement Fee from 10% to 20% of tuition for Florida colleges, and for state universities indexes the Capital Improvement Fee to 10% of tuition, but limits increases to no more than \$2 per credit hour per year.
- Authorizes university budget transfers in the current fiscal year up to \$2 million.
- Provides for name change of South Florida Community College to South Florida State College, contingent upon accreditation by SACS.
- Requires employment agreements, contracts, renewals or renegotiation of existing contracts for presidents, administrative and instructional staff to include provisions relating to severance required in s. 215.425, F.S.
- Deletes a provision providing for a Florida College System institution in some circumstances to apply for an exemption from SBOE approval of additional baccalaureate degree programs.

If approved by the Governor, these provisions take effect upon becoming law and on July 1, 2012.

Vote: Senate 38-1; House 77-33

Committee on Education Pre-K - 12

CS/CS/HB 7059— Acceleration Options in Public Education

by Education Committee; Pre-K – 12 Appropriations Subcommittee; K-20 Innovation Subcommittee; and Rep. Stargel (CS/CS/SB 1368 by Budget Subcommittee on Education Pre-K – 12 Appropriations; Education Pre-K – 12 Committee; and Senators Gaetz, Lynn, and Gardiner)

Career and Professional Education

The bill provides that secondary schools would no longer be required to have a full-scale career academy in order to be eligible for industry certification bonus funding. This provision maintains the integrity of Career and Professional Education (CAPE) and the rigorous coursework required to attain industry certifications.

The bill provides middle school students the opportunity to attain the instructional technology tools necessary to prepare them for high school, college, and the workforce. Middle school students who attain the highest level of industry certification in a science, technology, engineering, and mathematics (STEM) area on the Industry Certification Funding List would generate bonus funding upon promotion to the ninth grade.

The bill also:

- Requires that the strategic plan developed by school districts, regional workforce boards, and postsecondary institutions address advisement and recruitment of students into career-themed courses and redirection of funds to support career courses and academies;
- Shortens the timeline for the curriculum review committee to approve or deny newly proposed workforce-related core courses;
- Requires the State Board of Education to adopt rules that include STEM industry certifications offered in middle school on the Industry Certified Funding List;
- Requires one career course for middle grade promotion that is focused on workforce trends and labor market demands; and
- Requires a student who enrolls in and completes a career-themed course to have opportunities to earn postsecondary credit when applicable.

Performance Funding

Under the bill, credit is funded based on a student's passing the statewide end-of-course assessment without taking the course. High school credits for courses that require an end-of-course assessment, after the third year of administering the assessment, will be funded only upon a student's passing the assessment.

Early High School Graduation

The bill provides an early graduation option for a student upon earning 24 credits that meet high school graduation requirements.

- If a student graduates early, the district will receive funding for unpaid high school credits.

- For students who graduate one year early, funding may be provided up to the dollar equivalent of one full-time equivalent (FTE).
- For students who graduate one semester early, funding may be provided up to the dollar equivalent of one-half FTE.
- A student who graduates at the end of the first semester is eligible for a Bright Futures Scholarship to enter college in the spring term.

Acceleration Options

Under the bill, all students, not just secondary students, would participate in the Credit Acceleration Program. The bill also:

- Requires a school district to award credit to a student who attains a passing score on the corresponding statewide, standardized end-of-course assessment; and
- Creates options for accelerated instruction to eligible students in kindergarten through grade 12.

Dual Enrollment Programs

The bill provides student eligibility criteria for continued enrollment in dual enrollment courses. Additionally, the bill:

- Provides requirements for faculty members providing instruction in college credit dual enrollment courses;
- Provides curriculum standards for college credit dual enrollment courses;
- Authorizes participation at a Florida College System institution based upon capacity, as specified in the dual enrollment articulation agreement;
- Establishes the college credit hours for participation in an early admission program;
- Provides home education student eligibility criteria and requires a home education articulation agreement;
- Provides requirements for developing a school district and Florida College System institution dual enrollment articulation agreement;
- Repeals a provision that provides for school districts and postsecondary institutions to conduct Advanced Placement instruction within dual enrollment courses; and
- Requires the Department of Education to develop an electronic system for submitting dual enrollment articulation agreements for compliance review.

Finally, the bill eliminates an exemption from the Florida College System institution admission requirements for secondary students who are not participating in dual enrollment. These are students who are enrolled in college level instruction creditable toward an associate degree, but not towards a high school diploma.

If approved by the Governor, these provisions take effect July 1, 2012.

Vote: Senate 40-0; House 82-33

Committee on Higher Education

HB 7129— State Universities of Academic and Research Excellence and National Preeminence

by Education Committee and Rep. Proctor and others (CS/CS/SB 1752 by Budget Subcommittee on Higher Education Appropriations; Higher Education Committee; and Senators Oelrich and Lynn)

This bill provides tuition and academic flexibility to research universities that meet standards established in the bill for a state university of national preeminence. The standards include selectivity of admissions, student retention, graduation rates, size of endowment, amount of annual giving, faculty membership in a national academy, number of patents awarded, number of doctoral degrees awarded, number of postdoctoral appointees, two categories of research expenditures, and three types of national rankings.

After approval by the university board of trustees and the Board of Governors, a university that meets at least 11 of the 14 criteria in the bill may:

- Charge differentiated or market-rate tuition and fees beginning with the 2012-2013 academic year, notwithstanding the statutory percentages and dollar amount limitations on university fees; and
- Require incoming freshmen students to take from nine to twelve credits in a set of courses specifically determined by the university.

An increase in fees may take place no more than once each year and must be implemented in the fall term.

Florida Prepaid College contracts purchased prior to a university's becoming authorized to charge market-rate tuition must be honored and the beneficiaries will be exempt from paying the tuition increases. Beneficiaries of prepaid contracts purchased in the first year a university receives authority to charge market-rate tuition and thereafter, will have to pay the difference between the highest rate of tuition and fees covered by the contract and the university's tuition.

If approved by the Governor, these provisions take effect upon becoming law.

Vote: Senate 36-3; House 85-28

Committee on Higher Education

HB 7135 — Higher Education/Economic Security Report

by Education Committee and Rep. Proctor and others (CS/CS/SB 1366 by Budget Subcommittee on Higher Education Appropriations; Education Pre-K-12 Committee; and Senators Gaetz and Lynn)

Economic Security Report

This bill requires changes in educational reporting to better inform students and their parents of the employment and economic outcomes for certificates and degrees earned at Florida College System institutions and state universities. The bill requires:

- The Department of Economic Opportunity to prepare an economic security report on the employment and earnings of graduates of a degree or certificate program at a public postsecondary educational institution;
- Secondary schools, Florida College System institutions, and state universities to provide students electronic access to the economic security report beginning in 2014-2015; and
- The State Board of Education, in consultation with the Board of Governors and the Department of Economic Opportunity to adopt a unified state plan for Science, Technology, Engineering, and Mathematics (STEM) to improve K-20 STEM education and prepare students for high-skill, high-wage, and high-demand employment in STEM and STEM-related fields.

Performance Funding for State Universities

The bill authorizes performance funding for state universities that are most successful in educating students who earn degrees in, and become employed in, technology fields. Up to \$15 million is authorized, as appropriated for that purpose.

New Requirements for State Universities and Florida College System Institutions

The bill requires the State Board of Education and the Board of Governors to identify performance metrics for Florida College System institutions and state universities, respectively. The metrics must include student retention, graduation, employment, licensure passage, excess hours, student loan burden and default rates, faculty awards, and other measures.

The bill revises procedures for a Florida College System institution's provision of a baccalaureate degree program by requiring:

- A Florida College System institution to receive State Board of Education approval for new baccalaureate degree programs;
- The State Board of Education to clarify the mission statements of each institution and its role within the Florida College System as a whole and to establish criteria for service delivery areas of Florida College System institutions authorized to grant baccalaureate degrees; and

- Each Florida College System institution offering baccalaureate degree programs to report its status annually using specific performance and compliance indicators related to the institution's baccalaureate degree programs.

General Education Requirements for an Associate or Baccalaureate Degree

Regarding the general education requirements for an associate or baccalaureate degree, the bill:

- Reduces the general education course requirements from 36 semester credit hours to 30 semester credit hours, beginning with students initially entering a Florida College System institution in 2014-2015;
- Requires general education core course options to consist of a maximum of five courses within the subject areas of communication, mathematics, social sciences, humanities, and natural sciences, and requires a student to complete one course in each of those areas;
- Requires that associate in arts degree students demonstrate competency in a foreign language; and
- Requires the chairs of the State Board of Education and the Board of Governors to jointly convene faculty committees to identify statewide general education core course options.

The bill gives the Commissioner of Education the authority to investigate or review practices, procedures, or actions at a Florida College System institution which appear to be inconsistent with sound financial, management, or academic practices.

Universities' Use of the Tuition Differential Fee

The bill authorizes the Board of Governors to waive or modify the requirements for the use of the tuition differential fee under s. 1009.24(16), F.S. The requirements for spending 70 percent of the tuition differential fee on undergraduate education and the remaining 30 percent, or the equivalent amount of revenues from private sources, on financial aid could be waived.

If approved by the Governor, these provisions take effect upon becoming law.

Vote: Senate 40-0; House 115-0

Articulation Coordinating Committee

April 18, 2012

Item #7

Subject: Proposed 2012-2013 ACC Activities

Proposed Committee Action

No Action – Discussion Item

Supporting Documentation: Materials included in the packet

Presenter: Mr. Matthew Bouck

ARTICULATION COORDINATING COMMITTEE
Proposed 2012-2013 Activities

(1) Updates to SBE Rule 6A-10.024 *Articulation Between and Among Universities, Community Colleges, and School Districts.*

Recommend changes to the HECC, State Board of Education, and Board of Governors to update provisions of the Statewide Articulation Rule. These updates will include:

- Technical changes to Articulation Coordinating Committee membership and duties resulting from S. 1007.01(3), Florida Statutes
- Changes to general education requirements resulting from HB 7135
- Changes to language regarding equal access to limited access programs based on Task Force recommendations
- Addition of language regarding AA student identification of baccalaureate and institution of interest
- Revisions to Associate in Science (A.S.) degree transfer based on work of the Florida College System CIA/CSA
- Revisions to AS-BS articulation agreements

(2) Limited Access Programs

SBE Rule 6A-10.024(9), FAC, guarantees equal access to limited access programs between native and transfer students. The increase in programs identified as limited access, the development of institutional tracking systems, and anecdotal evidence indicate a need to review this admission guarantee. This was a recommendation in the 2011 HECC Report.

Appoint Limited Access Task Force	5/2012
Limited Access program and enrollment data collection	5/2012 – 7/2012
Committee work/meetings	9/2012 – 11/2012
Update to ACC	10/24/2012
Make recommendations for rule language to ACC	2/27/2013

(3) Credit by Examination

The ACC maintains a listing of exam and course equivalencies to guarantee minimum courses and initial award and/or transfer credit for completion of an AP, IB, AICE, CLEP, DSST, and Excelsior exam. HB 7151 mandated a study of student performance in subsequent coursework when establishing acceleration credit-by-examination equivalencies. An initial phase of the study has been completed for Advanced Placement student performance.

Review of initial AP student performance data	4/18/2012
Further study and extension of exam programs	5/2012 – 8/2012
Faculty review of new/revised exams	8/2012 – 1/2013
Approval of 2013-2014 ACC Credit-by-Exam Equivalencies	2/27/2013
Recommendations to HECC	3/2013

(4) AS-BS Articulation Agreement Review

Since fall, 2000, graduates with an associate in science degree program listed in the Statewide Articulation Manual have been granted admission to a public postsecondary institution in the program designated to articulate with their degree. These agreements have not been formally reviewed since that time. This effort will review the existing AS-BS Articulation Agreements for accuracy and viability

Comparison to common program prerequisites	5/2012
Convene faculty committees to review agreements	8/2012 – 9/2012
Update to ACC	10/24/2012
Make recommendations for revisions	2/27/2013

(5) Advising Mechanisms

Create advising mechanisms to inform students of acceleration policies and to assist with course selection depending on their education goals.

General education survey	5/2012
Identification of courses used in variety of programs (GE, GR, CP, inst req.)	5/2012 – 8/2012
Approval of advising documentation	10/24/2012
Determination of host for advising information	2/27/2013

(6) Statewide Course Numbering System – Nonpublic Institution Participation

The SCNS guarantees the transfer of credit for equivalent postsecondary courses across all participating public and nonpublic institutions. Nationally or regionally accredited nonpublic institutions may also participate. The review and maintenance of faculty qualifications for equivalent courses pose a concern regarding SCNS procedures and the appropriate transfer of credit.

Appoint advisory committee on nonpublic credit transfer	10/24/2012
Determine minimum faculty qualifications by discipline/prefix	11/2012 – 2/2012
Update to ACC	2/27/2013
Make final recommendations to ACC	5/2013

Articulation Coordinating Committee

April 18, 2012

Item #8

Subject: American Honors College

Proposed Committee Action

No Action – Discussion Item

Supporting Documentation: Materials at the meeting

Presenter: Mr. Phil Bronner, Co-founder, Chairman, CEO, American Honors Inc.