# Interinstitutional Articulation Agreement Between District School Board of Clay County and District Board of Trustees of St. Johns River Community College

Section 1007.235, Florida Statutes, specifies the development of district interinstitutional articulation agreements between the community college presidents and the superintendents of schools within their respective community college districts for the purpose of providing a primary framework within which all future interinstitutional objectives and activities shall be described. The <u>District School Board of Clay County</u>, hereinafter referred to as the <u>School Board</u>, and the <u>District Board of Trustees of St. Johns River Community College</u>, hereinafter called <u>SJRCC</u>, desire to implement the above statute and have, therefore, established an articulation committee with representation from the School Board and SJRCC. Each year, this articulation committee will review this Agreement and the performance of parties hereunder in order to assure both parties that it continues to serve their mutual interest.

#### Committee members shall include:

- Appointed School Board Representative, Clay County School Board (Co-Chair)
- Provost of Open Campus, SJRCC (Co-Chair)
- · Dean of Arts and Sciences, SJRCC
- Dean of Distance Learning, SJRCC
- Director of Dual Enrollment, SJRCC
- · Director of Tech Prep, SJRCC
- Appointed School Board Representative
- · Appointed School Board Representative
- Appointed School Board Representative

The term of this agreement shall commence August 8, 2007, and end August 7, 2008. Either party may cancel this Agreement upon thirty (30) days written notice should the other party fail substantially to perform in accord with its terms through no fault of the party initiating the termination. This Agreement may be amended only by written communication signed by the Superintendent of the District School Board of Clay County and the President of St. Johns River Community College.

The School Board and SJRCC agree as follows:

Ratification of articulation agreements between the community college and school district.

This agreement replaces any existing agreement with the School Board and SJRCC regarding the Interinstitutional Articulation Agreement.

2. Programs available to students eligible for dual enrollment.

Program Description: Dual enrollment, an articulated mechanism between the School Board and SJRCC, shall serve to shorten the time necessary for students to complete the requirements associated with the conference of a degree, broaden the scope of curricular options available to students, and/or obtain opportunities for completing vocational/technical programs. Section 1007.271, Florida Statutes, establishes that "the dual enrollment program is the enrollment of an eligible secondary student in a postsecondary course creditable toward high school completion and a career certificate or an associate or baccalaureate degree" (Section 1007.271(1), F.S.). "Early admission shall be a form of dual enrollment through which eligible secondary students enroll in a postsecondary institution on

a full-time basis in courses that are creditable toward the high school diploma and the associate or baccalaureate degree" (Section 1007.271(7), F.S.). "Career early admission is a form of career dual enrollment through which eligible secondary students enroll full time in a career center or a community college in courses that are creditable toward the high school diploma and the certificate or associate degree" (1007.271(8), F.S.). Students enrolled as dual enrollment, early admission, or career early admission shall be exempt from the payment of registration, tuition, and laboratory fees. Students enrolled as dual enrollment, early admission, and career early admission will be eligible to participate in both high school and College activities as appropriate including graduation and other extracurricular activities.

Course Offerings: Dual enrollment college credit courses are recommended to the State Board of Education by the State Articulation Coordinating Committee as meeting high school graduation requirements. The Dual Enrollment Course -- High School Subject Area Equivalency List states the relationship between high school and college course subject areas and dictates the awarding of credit for said classes (Appendix A). All courses in the Statewide Course Numbering System, with the exception of remedial courses and physical education skills courses, can be used for dual enrollment credit and count toward high school graduation, including electives. These courses may include but are not limited to communications, humanities, mathematics, science, social sciences, foreign languages, and technical education courses. Physical education and college preparatory courses are excluded from this Agreement. Neither high school nor dual enrolled students may be permitted to pay to take any college courses, including physical education or college preparatory classes.

Course Scheduling: Section 1007.271(5), Florida Statutes, establishes that "District school boards shall annually assess the demand for dual enrollment and other advanced courses, and the district school board shall consider strategies and programs to meet that demand and include access to dual enrollment on the high school campus whenever possible. Alternative grade calculation, weighting systems, or information regarding student education options which discriminates against dual enrollment courses is prohibited." So as to implement the above statute, the School Board and SJRCC will work collaboratively to ensure students eligible for dual enrollment shall be permitted to enroll in dual enrollment courses offered on the high school site, on SJRCC's campuses, and/or offered through distance learning as appropriate. Students eligible for dual enrollment shall be permitted to enroll in dual enrollment courses conducted during school hours, after school hours, and during the summer terms.

Course Credit: Students enrolled in dual enrollment courses shall earn both high school credit from the School Board and college credit from SJRCC if they meet the minimum requirements for satisfactory completion of such courses. Students who complete a three (3), four (4), or five (5) credit dual enrollment course at SJRCC with a passing grade will earn at least one-half (1/2) credit in the designated subject towards the high school diploma and/or credit assigned by the Dual Enrollment Course -- High School Subject Area Equivalency List. The School Board will "weigh dual enrollment courses the same as advanced placement, International Baccalaureate, and Advanced International Certificate of Education courses when grade point averages are calculated" (Section 1007.271, F.S.). Grades assigned by the post-secondary institution for Dual Enrollment courses, including the "W," are to be accepted at face value by the School Board and are not to be changed on the student's high school academic record (SBE Rule 6A-1.09941, F.A.C.).

Eligibility Criteria for Student Participation in Dual Enrollment: Students eligible for dual enrollment must have completed the tenth (10<sup>th</sup>) grade, have an unweighted GPA of 3.0, and demonstrate readiness for college coursework through scores on college placement tests.

Participation in career and technical dual enrollment requires a 2.0 unweighted GPA. Participation in the career early admission program is limited to students who have completed a minimum of six (6) semesters of full-time secondary enrollment, including studies undertaken in the ninth grade. Dual enrollment students will be required to complete the CPT, ACT, and/or SAT. No student shall be enrolled in a college credit mathematics or English dual enrollment course unless the student has demonstrated adequate precollegiate preparation on the appropriate sections of the CPT, ACT, or SAT. High school students not enrolled through the dual enrollment program shall not be permitted to take college level credit classes at SJRCC under any circumstances or proviso.

Parent & Student Notification: The School Board and SJRCC will work collaboratively to notify eligible students and their parents of dual enrollment acceleration mechanisms. The School Board shall inform all eligible secondary students and their parents of dual enrollment as an educational option and mechanism for acceleration, including eligibility criteria, and the process by which students and parents exercise their option to participate in dual enrollment. This information shall be included annually in each high school's curriculum guide. SJRCC shall work with each high school to provide information for their curriculum guides, will coordinate inquiries to SJRCC from parents and students with high school guidance staff, and will communicate directly with parents and students about dual enrollment options as appropriate.

College Placement Test (CPT): The Florida College Entry-Level Placement Test (CPT) will be administered by SJRCC to high school students eligible for dual enrollment upon request by any School Board high school principal or the principal's designee at times and places based on mutual agreement. SJRCC will be solely responsible for providing test security at all testing sites. SJRCC will administer and provide the CPT test materials at no charge for high school students eligible for dual enrollment. SJRCC will provide test results for individual students to the appropriate high school's guidance counselors. Interpretation of dual enrollment students' CPT test results will be provided by SJRCC to high school personnel for distribution to students and to assist in the development of academic interventions by high schools to improve student skills. Testing at the College Campus: The CPT may be administered at a testing center at SJRCC as arranged with the high school. Students will be responsible for providing their own transportation to the College. Reasonable accommodations will be provided at the test site at the expense of the College for the administration of the CPT to students with disabilities. Testing at the High School Site: If twenty (20) or more high school students eligible for dual enrollment prearrange through their guidance counselors to take the CPT, the CPT may be administered at a high school facility designated by the high school and approved by SJRCC as an appropriate test site. Reasonable accommodations will be provided at the test site at the expense of the high school for the administration of the CPT to students with disabilities. An SJRCC assessment staff member will provide test materials and test administration at all testing sessions and will inventory and return materials to the SJRCC assessment center. If the number of students testing is great enough to require additional proctors beyond the SJRCC staff members in attendance, the high school will provide additional proctors to ensure that testing requirements are met. Retaking the CPT: High school students may take the CPT once per year. If a student's score on the CPT is within five (5) points of the cutoff, the student may submit a petition to the Director of Dual Enrollment requesting permission to retest. Students may petition to retest once.

#### Procedures for Participation:

Application Procedure: In order to participate in dual enrollment at SJRCC, dual enrollment eligible high school students will be required to first meet with their high school guidance counselor to receive the Dual Enrollment Admission Form. The completed Dual Enrollment Admission Form

must be submitted, with all necessary signatures, to the student's high school guidance counselor as soon as possible, ideally not later than 30 days before that academic term's Dual Enrollment Registration (date to be determined by SJRCC Records Office prior to each registration period). The high school guidance counselor will confirm that the student has the appropriate class standing, CPT, ACT, or SAT test scores, and GPA to be eligible for Dual Enrollment prior to forwarding the application to SJRCC.

Registration Procedure: After acceptance into the Dual Enrollment program, the student and high school guidance counselor will meet to fill out the course registration form. The Dual Enrollment Course Registration Form should be submitted as soon as possible, ideally not later than fifteen (15) business days before that academic term's Dual Enrollment Registration Date. During Dual Enrollment Registration, dual enrollment students taking courses on the College site will be required to come to the SJRCC campus to confirm and process their registration. Failure to attend the Dual Enrollment Registration Session may result in the student not being registered for dual enrollment courses on the College site. Students registering for dual enrollment courses taught on the high school site need not attend the Dual Enrollment Registration Session.

Schedule Changes: In order to ensure high school graduation is not compromised, dual enrollment students must coordinate all schedule change requests with their high school guidance counselor. The high school guidance counselor will then submit the necessary paperwork on the student's behalf to the Office of Dual Enrollment for processing. All schedule changes must be completed by the College's published schedule change deadline.

Withdrawing from a Course: In order to ensure high school graduation is not compromised, dual enrollment students must coordinate all course withdrawl requests with their high school guidance counselor. The high school guidance counselor will then submit the necessary paperwork on the student's behalf to the Office of Dual Enrollment for processing. Dual enrollment students who earn a "W" by withdrawing from a course will be subject to dismissal from the dual enrollment program. Satisfactory Progress: Dual enrollment students who earn below a "C" (including a "W" grade) in any dual enrollment course will be subject to dismissal from the dual enrollment program. Dual enrollment students must maintain an unweighted cumulative high school GPA of 3.0 or higher in order to continue in the dual enrollment program. Career and technical dual enrollment students must maintain an unweighted cumulative high school GPA of 2.0 or higher in order to continue in the dual enrollment program.

Maximum Course Load: Dual enrollment students may take a maximum of ten (10) dual enrollment credit hours in the fall term, ten (10) dual enrollment credit hours in the spring term, and six (6) dual enrollment credit hours in each summer term. Early admission dual enrollment students must take a minimum of twelve (12) and a maximum of fifteen (15) dual enrollment credit hours each fall and

Final Course Grades: At the end of the semester after grades are posted, the Dual Enrollment Office will transmit students' final course grades to the high school guidance counselors. Students may view their final course grades through SJRCC's online system at https://web.sjrcc.edu

College Academic Calendar: Dual enrollment students are required to adhere to SJRCC's Academic Calendar and attend all regularly scheduled classes, regardless of any conflicts with high school holidays or extracurricular activities. SJRCC's Academic Calendar is available in the College Catalog and also posted online at http://sjrcc.edu/academcal.html

<u>College Guidance Services</u>: Prior to the beginning of the fall term, SJRCC's Dual Enrollment Office will host Dual Enrollment Orientation Sessions on the College campus for new and returning dual enrollment students. The purpose of the Dual Enrollment Orientation Sessions will be to introduce the Dual Enrollment students to the College campus; highlight the SJRCC guidance, career, and college planning services available; and clarify College policies and procedures. A key advising

point that will be shared with parents and students is that dual enrollment grades are calculated and recorded in the student's college GPA and transcript, creating a permanent record that can impact future university admission decisions. At this time, all high school dual enrollment students will be assigned an SJRCC student email account. Through this email account, the College will send the student communications about educational and career development activities. Additionally, dual enrollment students will work with the staff of SJRCC's Dual Enrollment Office regularly throughout the process of planning and scheduling dual enrollment courses. The School Board's guidance staff will maintain oversight and monitoring responsibility to ensure the meeting of high school graduation requirements remains the first priority.

Student Policies, Procedures, and Behavioral Expectations: Students enrolled in dual enrollment classes will be subject to the student policies and procedures of both the School Board and SJRCC. Should a conflict be identified as a result of either institution's policies or procedures, the School Board and SJRCC will notify each other of behavioral infractions and will jointly resolve the conflict while providing due process for students. College policies and procedures are published in the College Catalog and also available online on the Student Services website at http://sjrcc.edu/studserv.html

Program Management and Quality Assurance: Dual enrollment courses are college courses with the identical content and learning outcomes expected of all other college courses identified with the same statewide course prefixes and numbers. To ensure that the dual enrollment program demonstrates the level of academic rigor expected of all college courses and programs, the School Board and SJRCC's Dual Enrollment Program will adhere to the rules dictated in the Statement of Standards of Dual Enrollment/Early College Programs in the Florida Community College System (Appendix B). To that end, teachers of dual enrollment courses will have college teaching credentials established by the Southern Association of Colleges and Schools (SACS). Appropriate School Board and SJRCC staff shall meet and confer to recommend qualified faculty for dual enrollment classes taught on the high school site. Preference will be given to qualified high school teachers in the selection process. All instructors will meet or exceed the academic and professional preparation requirements for teaching at SJRCC. Faculty teaching general education courses will have completed at least eighteen (18) graduate semester hours in the teaching discipline and hold at least a master's degree; instructors teaching technical education courses will typically have completed a baccalaureate degree with appropriate work experience. SJRCC shall appoint all instructors. If no high school teacher qualifies as an adjunct instructor, SJRCC staff will be used when possible. SJRCC will evaluate instruction and monitor student performance in all dual enrollment classes using the same criteria for judging instructional quality as in effect in all classes offered at the College. Course content, requirements, and evaluation components for dual enrollment courses taught on the high school site will be identical to those taught on SJRCC's campuses.

Dual Enrollment Advisory Committee: The School Board and SJRCC shall appoint an advisory committee to make recommendations regarding the dual enrollment classes and other aspects of this Agreement.

Administration: SJRCC shall appoint an administrator, the Director of Dual Enrollment, who shall represent SJRCC in all matters pertaining to the operation of dual enrollments classes and shall serve as liaison between the School Board and SJRCC. The School Board shall appoint an administrator who shall represent the School Board in all matters pertaining to the operation of the dual enrollment classes and shall serve as liaison between the School Board and SJRCC.

Submission of Updated IAA to the Florida DOE: The School Board shall be responsible for transmitting annually an updated copy of the Interinstitutional Articulation Agreement to the Florida Department of Education, Office of Articulation, by the start date of the fall term.

#### Responsibility for Costs:

Full-Time Equivalency Funding: Both the School Board and SJRCC shall be eligible for Full-Time Equivalency (FTE) funding in accordance with Florida law and rules.

Student Fees: Any student enrolled in the dual enrollment program shall be exempt from the payment of textbook, registration, tuition, and laboratory fees.

Textbooks: SJRCC shall select textbooks used in dual enrollment courses. Payment for required textbooks for classes conducted on the high school campuses or on SJRCC's campuses will be through the individual high schools. The textbooks shall be the property of the School Board. Inventories of dual enrollment textbooks will be maintained by individual high schools. Textbooks used by dual enrollment students at high school sites will follow the Department of Education's cycle for textbook replacement, with the following provisions: 1) the College has not changed the textbook, or 2) the new textbook edition has not so substantively changed in content that it has rendered the previous edition unusable.

Instructor Fees: SJRCC is responsible for the full cost of the instructor for courses taught on SJRCC's campuses and center. SJRCC is responsible for the full cost of the instructor for courses taught on the high school site outside of the instructor's regular high school teaching load. The School Board is responsible for the full cost of the instructor for courses taught at the high school sites as part of the instructor's regular high school teaching load.

Disability Services: As required by law, students with disabilities must receive appropriate accommodations. SJRCC will be responsible for the cost of providing the necessary accommodations for courses taken on SJRCC campuses and center. The School Board will be responsible for the cost of providing the necessary accommodations for courses taken at the high school sites.

<u>Transportation</u>: Students will be responsible for providing their own transportation to and from dual enrollment classes on SJRCC's campuses and center.

Mechanisms and strategies for reducing the incidence of postsecondary remediation in math, reading, and writing for first-time-enrolled recent high school graduates.

Based upon the findings in the postsecondary readiness-for-college report produced pursuant to Section 1008.37, F.S., the School Board and SJRCC shall provide mechanisms and strategies for reducing the incidence of postsecondary remediation in math, reading, and writing for first-time-enrolled recent high school graduates through a readiness assessment. SJRCC shall administer the CPT to tenth, eleventh, and twelfth grade students as requested by the School Board's high schools and provide individual student interpretation of CPT assessments for high school staff in order to determine the need for remediation reduction interventions or transition from high school to college.

4. Mechanisms and strategies for promoting "tech prep" programs of study.

SJRCC's Director of Tech Prep and other representatives of SJRCC's Workforce Development Office shall make presentations to students as part of the guidance program to assist students in developing high school plans of study. SJRCC's Director of Tech Prep shall be in regular contact with School Tech Prep coordinators and high school Tech Prep students to maintain and review student career pathways at regular intervals.

Mechanisms and strategies for improving the preparation of elementary, middle, and high school teachers. In recognition of the statewide critical teacher shortages, through SJRCC's Educator Preparation Institute (EPI), SJRCC and the School Board shall work together toward implementing strategies and activities that address ongoing professional development of current and future district teachers. In-Service Teachers in Need of Professional Certification Coursework: Through the College's EPI, current School Board teachers working towards their Florida Professional Teacher Certification can complete the requisite coursework for certification, either on campus or online. This can be accomplished through either the EPI model or traditional college coursework. In-service district teachers will be given preference in these limited availability programs, and each semester limited tuition waivers will be made available for in-service district teachers participating in the EPI certification model.

In-Service Teachers in Need of Recertification Coursework: Through the College's EPI, current School Board teachers working towards renewing their Florida Professional Teacher Certification can complete the requisite coursework, either on campus or online. SJRCC's Office of the Open Campus will work with in-service teachers to ensure they secure seats in these limited availability courses. Counselor Staff Development: Annual programs shall be sponsored by SJRCC for School Board middle and high school counselors to provide staff development opportunity and the collaborative development of strategies to support students' postsecondary transition.

Child Care and Paraprofessional Training: The childcare training programs offered through SJRCC's Open Campus provide students an opportunity to gain basic paraprofessional education or renew or increase students' knowledge and competencies. SJRCC's child care courses lead to certification for those wishing to work in a commercial child care center, those who wish to run a home child care center, and those who wish to obtain the Florida Child Care Professional Credential (FCCPC) Certificate.

Pre-Service Teacher Training: Through the College's EPI, anyone who has an accredited non-education Bachelors degree and wishes to transition to a career as a teacher can work towards their Florida Professional Teacher Certification. This can be accomplished through either the EPI model or traditional college coursework. Coursework can be completed either on campus or online. Limited scholarships and financial aid are available for those who qualify.

# 2007-2008 Interinstitutional Articulation Agreement Execution Between District School Board of Clay County and St. Johns River Community College

The Articulation Committee shall annually analyze and assess the effectiveness of mechanisms and strategies set forth in this agreement and report the results of such analyses to the School Board of Clay County and the District Board of Trustees of St. Johns River Community College. Analyses shall include identified problems, corrective actions, strategies, and associated costs.

This Agreement is subject to all pertinent state and federal laws and regulations of the Department of Education, State of Florida, Title VI and VII of the Civil Rights Act of 1964, and all regulations, rules, and guidelines promulgated thereunder. The parties expressly agree to maintain records in compliance with the Florida Public Records Act subject only to the privacy rights guaranteed by applicable state and federal laws and regulations. The violation of any federal or state law or regulation in the conduct of this Agreement may constitute a breach of this Agreement. Under determination of such violation, this Agreement may be terminated. It is expressly understood by both parties that neither party has authority or control over the other party's employees, officers, or agents.

This agreement is made between the District Board of Trustees of St. Johns River Community College and the District School Board of Clay County.

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Cha	iirman, St.	Johns River (	Community Colle	ege
Pre	sident, St.	Johns River C	Community Colle	ge
Signed or	n this	_ day of		2007
for t	he Distric	t School Boa	rd of Clay Cour	ity:

#### Appendix A

The Dual Enrollment Course – High School Subject Area Equivalency List (Draft pending SBE approval, anticipated August 2007)

# DUAL ENROLLMENT COURSE – HIGH SCHOOL SUBJECT AREA EQUIVALENCY LIST Effective Date: August 2007

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#### **ELECTIVES**

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

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

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**

	p		ONDARY COURSE COMPLETED OUGH DUAL ENROLLMENT	HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED	COMMON PREREQ	GENERAL EDUC
AML	X	010	American Literature I: Colonial to the Civil War	English	1.0		X
AML	X	011	American Literature I; Colonial to 1875	English	1.0		X
AML	X	012	American Literature I: Colonial to 1900	English	1.0		X
AML	X	020	American Literature II: Civil War to Present	English	1.0		X
AML	X	021	American Literature II: 1875 to Present	English	1.0		X
AML	X	022	American Literature II: 1900 to Present	English	1.0		X
AML .	X	×023	AMERICAN LITERATURE 1900 TO THE L	English	11/20		
AML	Χį	301	STUDIES IN INDIVIDUAL AMERICAN IN INC.	English	10		X
ENC	X	101	**Freshman Composition Skills I	English	1.0	X	XX
ENC	X	102	**Freshman Composition Skills II	English	1.0	X	XX
ENC	X	107	ADVANCED COLLEGE WRITING	English Colored	海洲地流1305400多	是他們經過程的	A X
ENC	Χ.	121	Honors Freshman Composition Skills I	English	1.0		X
ENC	X	122	Honors Freshman Composition Skills !	English	1.0		X
ENC	X	123	Honors Introduction to Writing	English	1.0		
ENC	X	3143	WRITING ABOUT LITERATURE	English	a. 校也 1.0 表 1.5	<b>国际发生的影响</b>	图用 <b>图X</b> 第2日
ENC	X	145	Freshman Special Topics Composition	English	1.0		X
ENC	X	210	Technical Report Writing	English	0.5	X	X
ENC	X	300	INTERMEDIATE COMPOSITION	English	1.0	位的 國際	X
ENC	X	301	Advanced Composition	English	1.0		X
ENC	X	302	ADVANCED COMPOSITION II	English	与新华(1000大学)	24 公共公司 四条	X
ENC	X	305	Topics in Advanced Composition	English	1.0		X
ENC	X	321	ADVANCED COMPOSITION	English	The state of the s	神一点 图形 199	- X
ENL	X	000	BRITISH LITERATURE SURVEY:COMPREHENSIVE	English	1.2	子歌物	X
ENL	X	010	English Literature to 1660	English	1.0		X
ENL	X	011	English Literature to 1750	English	1.0		X
ENL	X	012	English Literature to 1798	English	1,0		X
ENL	X	020	English Literature since 1660	English	1.0		X
ENL	X	021	English Literature since 1750	English	1.0		X

<sup>\*\*</sup> Signifies that all community colleges and universities offer or accept this course in transfer as a part of their general education requirements.

	F		CONDARY COURSE COMPLETED ROUGH DUAL ENROLLMENT	HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED	COMMON PREREQ	GENERAL EDUC
ENL	X	022	English Literature since 1798	English	1.0		X
LIN	X	670	Writing and Grammar	English	0.5		X
LIN	X	742	English Grammar and Style	English	0.5		X
LIT	X	000	Introduction to Literature	English	1.0		
LIT	X	081	INTRODUCTION TO MODERN LITERATURE	English	1.0		X
LIT	X	090	Contemporary Literature	Énglish	0.5		
LIT	X	100	World Literature	English	1.0		Х
LIT	X	110	World Literature through Renaissance	English	1.0		X
LIT	X	118	Honors World Literature I	English	1.0		
LIT	X	120	World Literature since Renaissance	English	1.0		X
LIT	X	128	Honors World Literature II	English	1.0		

## **MATHEMATICS**

	F	POSTSECONDARY COURSE COMPLETED GRADUATION SUBJECT		REQUIREMENT	HIGH SCHOOL CREDIT AWARDED	COMMON PREREQ	GENERAL EDUC
MAA	X	102	Advanced Multivariable Calculus I	Mathematics	1.0		
MAC	X	105	**College Algebra	Mathematics	1.0	X	XX
MAC	X	106	COMBINED COLLEGE ALGEBRA/PRE-	Mathematics	50 1.0 1.0 40. Say 1 fa 195	77 (17) 41 (314)	X
MAC	X.	107	COLLEGEALGEBRATH	Mathematics	1.0	超级 编码电影	X
MAC	X	114	**Trigonometry	Mathematics	1.0	X	XX
MAC	X	140	**Precalculus Algebra	Mathematics	1.0	X	XX
MAC	X	147	Precalculus Algebra/Trigonometry	Mathematics	1.0	X	X
MAC	X	<b>第154</b> 第	ANALYTIC GEOMETRY	Mathematics	1.0	中國的發展的影響	X
MAC "	X	223	CALCULUSIFOR ARCHITECTURE I	Mathematics	<b>第二次的数据</b> 0 种类	Carrie of	X
MAC	X	233	Calculus For Business I	Mathematics	1.0	X	X
MAC	Х	234	CALCULUS FOR BUSINESS & SOC.	Mathematics	1.0	×	Х
MAC	X	241	LIFE SCIENCE CALCULUS I	Mathematics	500 1.0 BESS	X	X
MAC	X	242	LIFE SCIENCE CALCULUS II	Mathematics	<b>25.63.10.0公元</b> 。	X	X
MAC	X	253	CALCULUS FOR ENGINEERING TECHNOLOGY I	Mathematics.	1.0	×	X
MAC	X	254	CALC. FOR ENGINEERING TECHNOLOGY	Mathematics	1.0	×	X
MAC	X	281	Engineering Calculus I	Mathematics	1.0	×	X
MAC	X	282	Engineering Calculus II	Mathematics	1.0	X	Х
MAC	X	283	Engineering Calculus III	Mathematics	1.0	×	X
MAC	X	300	CALCULUS	Mathematics	1.0		X
MAC	X	311	**Calculus I	Mathematics	1.0	X	XX
MAC	X	312	**Calculus II	Mathematics	1.0	X	XX
MAC	X	313	**Calculus III	Mathematics	1.0	X	XX
MAC ·	X	331	INTEGRATED MATH I	Mathematics	1.0		X
MAC	X	332	INTEGRATED MATH II	Mathematics	1.0		X
MAC	X	333	INTEGRATED MATH III	Mathematics	1.0		X
MAC	X	334	INTEGRATED MATH IV	Mathematics	1.0		X
MAC	X	421	CALCULUS WITH DIFFERENTIAL EQUATIONS:1	Mathematics	1.0		X
MAC	X	422	CALCULUS WITH DIFFERENTIAL EQUATIONS II	Mathematics	1.0		X
MAC	X	423	CALCULUS WITH DIFFERENTIAL EQUATIONS III	Mathematics	1.0		X
MAC	X	472	Honors Calculus I	Mathematics	1.0		Х
MAC	X	473	Honors Calculus II	Mathematics	1.0		Х
MAC	X	474	Honors Calculus III	Mathematics	1.0		1.
MAD	X	401	Numerical Analysis	Mathematics	1.0		
MAP	X	302	"Differential Equations	Mathematics	1.0	X	XX

<sup>\*\*</sup> Signifies that all community colleges and universities offer or accept this course in transfer as a part of their general education requirements.

	F		CONDARY COURSE COMPLETED ROUGH DUAL ENROLLMENT	HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED	COMMON PREREQ	GENERAL EDUC
MAP	X	401	Advanced Differential Equations	Mathematics	1.0		
MAS	X	103	Linear Algebra	Mathematics	1.0		X
MAS	LX	105	Linear Aigebra	Mathematics	1.0		X
MAS	X	121	LINEAR OPERATIONS AND DIFFERENTIAL EQUATIONS	Mathematics	10	抵制。	X
MAS	X	300	Numbers and Polynomials	Mathematics	1.0		X
MAT	X	033	Intermediate Algebra	Mathematics	0.5		X
MGF	X	106	**Liberal Arts Mathematics I	Mathematics	1.0	X	XX
MGF	X	107	**Liberal Arts Mathematics II	Mathematics	1.0	X	XX
MGF	X	108	HONORS MATHEMATICAL IDEAS & EXPLORATIONS	Mathematics	1.0		L X
MGR	X	部側頂	*GEOMETRY AND MEASUREMENTS THE	Mathematics	<b>西海绵州70</b> 多洲流	<b>湖南北海南部</b>	X
MGF-18	Х	142	INFORMAL LOGIC	Mathematics	1.0	STATE OF THE PARTY	hallen X quie
MGE	X	#13 T	MATHEMATICS FOR TEACHERS IS	Mathematics	10 10	福制等的企業	Entra X
MGERM	X	J1143	MATHEMATICS FOR TEACHER IS THE HOLE	Mathematics	<b>建設的工作</b> (1)	<b>选择的</b>	単語はXの場合に
MGE	X	120	BASIC PROBABILITY (L)	Mathematics	1.0	SHANNE SHANN	能理的XIII.
MGE	X	210	FINITE MATHEMATICS THE BEST THE BEST OF TH	Mathematics	100元	化影響的電影館	STORY WITH
MTG	X	206	College Geometry	Mathematics	1.0		X
MTG	X	212	College Geometry	Mathematics	1.0		X
STA	X	013	BASIC DESCRIPT & INFERENTIAL STATISTICS	(Mathematics			
STA	X	014	DESCRIPTIVE AND INFERENTIAL STATISTICS	Averieneu-er		NX.	<b>X</b>
STA	X	021	INTRODUCTION SECSIONS	Mathematics	10	7:0	<b>X</b> .
STA	X	022	BASIC STATISTICS	Mathematics	CONTRACTOR	A COLUMN	WHEN X
STA	X	023	**Statistical Methods	Mathematics	1.0	X	XX
STA	DX:	037	STATISTICS WITH CALCULUS AT THE TATE	Mathematics	ALCOHOL: NO AND RESERVE	MINISTER SERVICE	Se IIIX
STA	X	22	STATISTICAL APPLIC IN SOCIAL L		1.0	X X	×

#### 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.

	POSTSECONDARY COURSE COMPLETED THROUGH DUAL ENROLLMENT			HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED	COMMON PREREQ	GENERAL EDUC
ARC	X	301	Architectural Design I	Performing Fine Arts	0.5	X	
ARC	X	701	Architectural Development	Performing Fine Arts	0.5	X	X
ARH	X	000	Art Appreciation	Performing Fine Arts	0.5	X	X
ARH	X	003	Purposes Of Art	Performing Fine Arts	0.5		X
ARH	X	006	History Of Visual Ideas I	Performing Fine Arts	0.5		
ARH	X	050	Art History I	Performing Fine Arts	0.5	X	X
ARH	X	051	Art History II	Performing Fine Arts	0.5	X	X
ARH	X	411	Art History: Modern Art	Performing Fine Arts	0.5		X
ART	X	001	Studio Art For Nonmajors	Performing Fine Arts	0.5		X
ART	X	003	Studio Art For Majors	Performing Fine Arts	0.5	X	X
ART	X	100	Crafts I	Performing Fine Arts	0.5		X
ART	X	110	Ceramics I	Performing Fine Arts	0.5	X	
ART	X	111	Ceramics II	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	X	X
ART	X	203	Design III	Performing Fine Arts	0.5	×	- X
ART	X	205	Color And Composition	Performing Fine Arts	0.5		

<sup>\*\*</sup> Signifies that all community colleges and universities offer or accept this course in transfer as a part of their general education requirements.

	POST		NDARY COURSE COMPLETED JGH DUAL ENROLLMENT	HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED	COMMON PREREQ	GENERAL EDUÇ
ART	X	230	Communication Design I	Performing Fine Arts	0.5		
ART	X	253	Illustration I	Performing Fine Arts	0.5		
ART	X	300	Drawing I	Performing Fine Arts	0.5	X	X
ART	X	301	Drawing II	Performing Fine Arts	0.5	X	X
ART	X	302	Drawing III	Performing Fine Arts	0.5		
ART	X	330	Drawing	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	X	
ART	X	500	Painting I	Performing Fine Arts	0.5		X
ART	X	501	Painting II	Performing Fine Arts	0.5		X
ART	X	502	Painting III	Performing Fine Arts	0.5		
ART	X	503	Painting IV	Performing Fine Arts	0.5		
ART	X	510	Painting I	Performing Fine Arts	0.5	×	
ART	X	600	Electronic Media I	Performing Fine Arts	0.5	X	
ART	X	601	Electronic Media II	Performing Fine Arts	0.5		
ART	X	701	Sculpture I	Performing Fine Arts	0.5		X
ART	X	750	Ceramics I	Performing Fine Arts	0.5		X
ART	X	751	Ceramics II	Performing Fine Arts	0.5	1	Х
DAA	X	100	Modern Dance I	Performing Fine Arts	0.5	X	
DAA	X	101	Basic Contemporary Dance	Performing Fine Arts	0.5		
DAA	X	104	Contemporary Dance I	Performing Fine Arts	0.5		
DAN	X	100	Introduction to Dance	Performing Fine Arts	0.5		X
FIL	X	000	Introduction To Film Studies	Performing Fine Arts	0.5	X	Х
FIL	X	002	Appreciation Of Film I	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	X	X
FIL	X	506	Critical Methods	Performing Fine Arts	0.5		
GRA	X	151	Computer Graphics I	Performing Fine Arts	0.5		
GRA	X	152	Computer Graphics II	Performing Fine Arts	0.5	-	
GRA	X	190	Graphics Design I	Performing Fine Arts	0.5		
GRA	X	191	Graphics Design II	Performing Fine Arts	0.5		
GRA	X	500	Introduction To Graphic Arts	Performing Fine Arts	0.5	X	
GRA	X	543	Graphic Design	Performing Fine Arts	0.5	X	
GRA	X	740	Presentations	Performing Fine Arts	0.5		1
GRA	X	743	Commercial Illustration	Performing Fine Arts	0.5		
GRA	X	802	Computer Graphics For Artists	Performing Fine Arts	0.5		-
MUH	X	011	Music Appreciation I	Performing Fine Arts	0.5		X
MUH	X	018	Jazz History And Appreciation	Performing Fine Arts	0.5		X
MUH	X	110	Introduction To Music History & Lit	Performing Fine Arts	0.5	-	X
MUH	1 X	371	20 <sup>th</sup> Century Music	Performing Fine Arts	0.5		- 11
MUL	X	010	Music Appreciation	Performing Fine Arts	0.5	X	X
MUL	X	110	Survey Of Music Literature	Performing Fine Arts	0.5		X
MUL	X	380	Jazz And Popular Music In America	Performing Fine Arts	0.5		X
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	×	X
MUT	X	011	Music Theory For Nonmajors	Performing Fine Arts	0.5	-	X
MUT	X	111	Music Theory I	Performing Fine Arts	0.5	X	X
MUT	X	121	Music Tneary I	Performing Fine Arts	0.5		X
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	-	Х
PGY	X	102	Photography II For Nonmajors	Performing Fine Arts	0.5	- 4	-
PGY	X	401	Photography I For Majors	Performing Fine Arts	0.5	X	Х
PGY	X.	410	Photography II	Performing Fine Arts	0.5		1

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	POS		NDARY COURSE COMPLETED UGH DUAL ENROLLMENT	HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED	COMMON PREREQ	GENERAL EDUC
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		
SPC	X	600	Public Speaking I	Performing Fine Arts	0.5	X	X
THE	X	000	Theatre Appreciation	Performing Fine Arts	0.5	X	
THE	X	010	Survey of Drama: Ancient Greece to Early Renaissance	Performing Fine Arts	0.5		Х
THE	X	011	Survey of Drama: High Renaissance to Present	Performing Fine Arts	0.5		Х
THE	X	020	Introduction To Theatre	Performing Fine Arts	0.5		X
THE	X	030	Introduction Theatre I	Performing Fine Arts	0.5		X
THE	X	071	Cinema Arts	Performing Fine Arts	0.5		
THE	X	925	Play Production	Performing Fine Arts	0.5	X	X
TPA	X	000	Introduction To Theatre Design	Performing Fine Arts	0.5		
TPA	X	210	Stagecraft I	Performing Fine Arts	0.5	X	X
TPA	X	220	Stage Lighting	Performing Fine Arts	0.5		
TPA	X	230	Theatre Costuming I	Performing Fine Arts	0.5		
TPP	X	100	Acting I	Performing Fine Arts	0.5		X
TPP	X	110	Acting I (Majors)	Performing Fine Arts	0.5	X	X
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

	PO		CONDARY COURSE COMPLETED OUGH DUAL ENROLLMENT	HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED	COMMON PREREQ	GENERAL EDUC
HLP	Х	081	Personal Health And Fitness	Physical Education: Personal Fitness	0.5		Х
HLP	Х	083	Human Performance	Physical Education: Personal Fitness	0.5		
HSC	Х	100	Personal Health	Physical Education: Personal Fitness	0.5	×	X
HSC	Х	101	Perspectives of Health and Wellness	Physical Education: Personal Fitness	0.5	-	X
HUN	X	003	Wellness:Nutrition, Personal Growth, Fitness	Physical Education: Personal Fitness	0.5		X
PET	X	303	Appl. Of Scientific Prin. To Conditioning Programs	Physical Education: Personal Fitness	0.5	X	Х

#### PRACTICAL ARTS/CAREER EDUCATION CREDIT

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

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

<sup>\*\*</sup> Signifies that all community colleges and universities offer or accept this course in transfer as a part of their general education requirements.

#### SCIENCE

#### Criteria for Awarding High School Subject Area Credit in Science:

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

	Р		DARY COURSE COMPLETED SHIDUAL ENROLLMENT	HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED	COMMON PREREQ	GENERAL EDUC
AST	X	002	Introduction To Astronomy (Lecture Only)	Science	0.5		X
AST	X	002/002L	Introduction To Astronomy (Lecture and Lab Course)	Science	1.0		X
AST	×	002C	Introduction To Astronomy (Combined Lecture and Lab)	Science .	1.0		X
AST	X	005	Astronomy I (Lecture Only)	Science	0.5		X
AST	X	005/005L	Astronomy I (Lecture and Lab Course)	Science	1.0		X
AST	×	005C	Astronomy I (Combined Lecture and Lab)	Science	1.0		X
AST	X	006	Astronomy II (Lecture Only)	Science	0.5		X
AST	X	006/006L	Astronomy II (Lecture and Lab Course)	Science	1.0		X
AST	X	006C	Astronomy II (Combined Lecture and Lab)	Science	1.0		X
BOT	X	010	Introductory Botany (Lecture Only)	Science	0.5	X	X
BOT	×	010/010L	Introductory Botany (Lecture and Lab Course)	Science	1.0	Х	X
BOT	X	010C	Introductory Botany (Combined Lecture and Lab)	Science	1.0	X	X
BOT	X	011	BOTANY (LECTURE ONLY)	Science	0.5	X	X
BOT	X	011/011L	BOTANY (LECTURE AND LAB COURSE)	Science	- 1.0	X	.X
BOT	X	011C	BOTANY (COMBINED LECTURE AND LAB)	Science .	1.0	X	X
BSC	X	001	Introduction to Biology (Lecture Only)	Science	0.5		X
BSC	×	001/001L	Introduction to Biology (Lecture and Lab Course)	Science	1.0		X
BSC	×	001C	Introduction to Biology (Combined Lecture and Lab)	Science	1.0		×
BSC	X	005	General Biology (Non-Majors) (Lecture Only)	Science	0.5	X	X
BSC	X	005/005L	General Biology (Non-Majors)/ (Combined Lecture and Lab) Course	Science	1.0	X	X
BSC	X	005C	General Biology (Non-Majors) (Combined Lecture and Lab)	Science	1.0	Х	X
BSC	X	006	GENERAL BIOLOGY (LECTURE ONLY)	Science	0.5	X	X
BSC	×	006/006L	GENERAL BIOLOGY (LECTURE AND LAB COURSE)	Science	1.0	X	×
BSC	×	006C	GENERAL BIOLOGY (COMBINED LECTURE AND LAB)	Science	1.0	X	X
BSC	X	007	Life Sciences (Lecture Only)	Science	0.5	X	X
BSC	×	007/007L	Life Sciences (Lecture and Lab Course)	Science	1.0	Х	Х
BSC	×	007C	Life Sciences (Combined Lecture and Lab)	Science	1.0	×	X

<sup>\*\*</sup> Signifies that all community colleges and universities offer or accept this course in transfer as a part of their general education requirements.

				HIGH SCHOOL	HIGH		
	P		DARY COURSE COMPLETED SHIP DUAL ENROLLMENT	GRADUATION SUBJECT REQUIREMENT SATISFIED	SCHOOL CREDIT AWARDED	COMMON PREREQ	GENERAL EDUC
BSC	X	009	THEOMETON WESTERN TO THE	Source The state	0.5		Den X
BSC	X	009/009L	INTRODUCTION TO BIOLOGY (LECTURE AND LAB COURSE)	Science	1.0a		X
BSC	×	009C	INTRODUCTION TO BIOLDGY (COMBINED LECTURE AND LAB)	Science	1.0	<b>外内部</b> 部分	X
BSC	X	010	**General Biology (Lecture Only)	Science .	1.0	X	XX
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	X	XX
BSC	X	011	General Biology (Lecture Only)	Science	0.5	X	X
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	Х	X
BSC	X		SHUMAN BIOLOGYALEDT (REIONIYA): PRUMAN BIOLOGYALEO (GREAND EN	Science Science	0.5 50 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Contract August 18	Control Xinday
1000		机器 聯 福祉	LAR COURSES				
BSC	dX II	020C	PUNANTE OLDEY COMENED	Scales a	10		P X
BSC	X	023	Human Biology (Lecture Only)	Science	0.5	X	X
BSC	X	023/023L	Human Biology (Lecture and Lab Course)	Science	1.0	X	X
BSC	×	023C	Human Biology (Combined Lecture and Lab)	Science	1.0	×	X
BSC	X-	1940		Score,	0.5	XX a	E IX
BSC	X	CAPICALIS.	Right Control of the United			×	A STATE
BSC				186 126 75514 3574			
	<b>100</b>						
BSC	×				95	×	- 4.0
BSC	Х	041/0416		Carrie	A STATISTICS	X	
BSC	Y	6 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Ministración de Ministración de Constitución d	Spend		X	
						<b>建筑的产业</b>	
BSC	NA.	050	MAY CHANROLMENT (LEEVEREE	Scence	0.5 %		
BSO	X	ISSUED DE MANAGEMENT	MANUSIES VIRGINMENT (LEGISLES)	Science ( Sec. 15)	1.0	* * * * * * * * * * * * * * * * * * *	A THE STATE OF
BSC	の を は は は に に に に に に に に に に に に に	1050C	HAND LAST COLUMN BY A COLUMN B	Science 2	Marie 10	A X	STREET AS
<b>沿板翻譯</b>	(BEE)		LECTURE AND LAS			<b>建筑的</b>	
BSC		051		Science	0.5		
BSC	X	(051/051L)		Scale of	10	PER SEX DEC.	Will X
	機關	100					
BSC		051C	ASPECIALIZED ENVIRONMENTAL  BOOKEN COMBINED RECTURES.	Science	1.0	W. Xy	A CONTRACT
			AND LABITED TO FOR THE PROPERTY OF THE PROPERT			的	<b>的复数形式</b>
BSC	X	083	HUMAN ANA TOMY/(LECTURE) - LECTURE -	Science	2.0.5	X	X
BSC	X	083/083L		Science 2	10	X	X
BSC	X	083C	HUMANIANATOMY/(COMBINED	Science	1,0	X	×
BSC	X	084	Anatomy & Physiology I (Lecture	Science	0.5	X State of the Address of A	X
			Only)	Science	1.0	X	X
BSC	X	084/084L	Anatomy & Physiology I (Lecture and Lab Course)	Science			
BSC	×	084C	Anatomy & Physiology I (Combined Lecture and Lab)	Science	1.0	×	X

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		THROUG	DARY COURSE COMPLETED CH DUAL ENROLLMENT	HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED	COMMON PREREO	GENERAL EDUC
BSC	X	085	Anatomy & Physiology I (Lecture Only)	Science	0.5	X	×
BSC	X	085/085L	Anatomy & Physiology I (Lecture and Lab Course)	Science	1.0	X	X
BSC	X	085C	Anatomy & Physiology I (Combined Lecture and Lab)	Science	1.0	Х	X
BSC	X	086	Anatomy & Physiology II (Lecture Only)	Science	0.5	X	X
BSC	Х	086/086L	Anatomy & Physiology II (Lecture and Lab Course)	Science	1.0	Х	X
BSC	X	086C	Anatomy & Physiology II (Combined Lecture and Lab)	Science	1.0	X	X
BSC	X	093	Anatomy & Physiology I (Lecture Only)	Science	0.5	Х	Х
BSC	X	093/093L	Anatomy & Physiology I (Lecture and Lab Course)	Science	1.0	Х	Х
BSC	X	093C	Anatomy & Physiology I (Combined Lecture and Lab)	Science	1.0	Х	Х
BSC	×	094	Anatomy & Physiology It (Lecture Only)	Science	0.5	X	X
BSC	X	094/094L	Anatomy & Physiology II (Lecture and Lab Course)	Science	1.0	X	Х
BSC	X	094C	Anatomy & Physiology II (Combined Lecture and Lab)	Science	1.0	X	X
BSC	X	311	INTRODUCTION TO MARINE BIOLOGY (LECTURE ONLY)	Science	0.5	Х	Χ.:
BSC	X	311/311L	INTRODUCTION TO MARINE BIOLOGY (LECTURE AND LAB COURSE)	Science	1.0	X	<b>X</b>
BSC	X	311C	INTRODUCTION TO MARINE BIOLOGY (COMBINED LECTURE AND LAB)	Science	1.0	i i X	<b>X</b>
BSC	X	312	MARINE BIOLOGY (BROAD CONCEPTS) (LECTURE ONLY)	Science	0.5		X
BSC	X	312/312L	MARINE BIOLOGY, (BROAD CONCEPTS) (LECTURE AND LAB COURSE)	Science	1.0		X
BSC	X	312C	MARINE BIOLOGY (BROAD CONCEPTS) (COMBINED LECTURE AND LAB)	Science	1 . 1.0		X
BSC	Х	420	Biotechnology (Lecture Only)	Science	0.5		X
BSC	X	420/420L	Biotechnology/ (Combined Lecture and Lab) Course	Science	1.0		X
BSC	X	420C	Biotechnology (Combined Lecture and Lab)	Science	1.0		X
BSC	X	421	BIOTECHNOLOGY IN INDUSTRY (LECTURE ONLY)	Science	0.5		X
BSC	X.	421/421L	BIOTECHNOLOGY IN INDUSTRY (LECTURE AND LAB COURSE)	Science	1.0	* **	X
BSC	×	421C	BIOTECHNOLOGY IN INDUSTRY (COMBINED LECTURE AND LAB)	Science	1.0		Х
CHM	X	020	Chemical Science (Lecture Only)	Science	0.5	X	X
СНМ	X	020/020L	Chemical Science/ (Combined Lecture and Lab) Course	Science	1.0	X	X
СНМ	Х	020C	Chemical Science (Combined Lecture and Lab)	Science	1.0	Х	Х
СНМ	×	022	GENERAL CHEMISTRY (LECTURE ONLY)	Science	0.5		Х
СНМ	Х	022/022L	GENERAL CHEMISTRY (LECTURE AND LAB COURSE)	Science	1.0		Х
СНМ	X	022C	GENERAL CHEMISTRY (COMBINED LECTURE AND LAB)	Science	1.0		X

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	P		DARY COURSE COMPLETED GII DUAL ENROLLMENT	HiGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISHED	HIGH SCHOOL CREDIT AWARDED	COMMON PREREQ	GENERAL EDUC
CHM	X	F 023	GENERAL CHEMISTRY III (LECTURE I	Science	<b>学</b> 25 0.5		Option X
СНМ	X	023/023L	GENERAL CHEMISTRY II (LECTURE AND LAB COURSE)	Science.	de 1.0	Manager 1	X
СНМ	X	023C	GENERAL CHEMISTRY II (COMBINED LECTURE AND LAB)	Science	1.0	1. 精製型	X
CHM	X	025	Introduction to Chemistry (Lecture Only)	Science	0.5	X	X
CHM	X	025/025L	Introduction to Chemistry (Lecture and Lab Course)	Science	1.0	X	X
СНМ	X	025C	Introduction to Chemistry (Combined Lecture and Lab)	Science	1.0	X	X
СНМ	X	030	Elementary Chemistry (Lecture Only)	Science	0.5	X	X
СНМ	X	030/030L	Elementary Chemistry (Lecture and Lab Course)	Science	1.0	X	X
СНМ	Х	030C	Elementary Chemistry (Combined Lecture and Lab)	Science	1.0	Х	×
CHM	X	031	SC ABLIED FIELDS: GEN/ORG/BIOCHM/2 OF 2)*** (LECTURE DNLK)	Science		X N	
CHM	X	031/031L	SCIALIEBREIDS GENORGBIOCHM(2/0F-2) (LECTURE AND LAB COURSE)	Science	10	X	X. Lin
СНМ	X.	031C =	SOLALLED RELDS. SENOROBIO CHM (2 OP 2) (COMBINED LETTURE AND UAB)	Science	10		X
СНМ	×	035 035/035L	EXPANDED GENERAL CHEMISTRY  1 OPE LECTURE CILLY)  EXPANDED GENERAL CHEMISTRY  (LOF 2 LECTURE AND LAB	Science	0.5		
СНМ	X	035C	COURSE)  EXPANDES GENERAL CHEMISTRY L  (1 OF 2) (COMBINED LECTURE AND LAB)	Science	1.0		i X
СНМ	×	040	GENERAL OFFIN (EXPANDED) SEQUENCES (OF 5) (CEOTURE) ONLY	Sgence	9.5	×	, <b>, ,</b> , , ,
CHM.		040/040L	GENERAL CHEMICEXPANDED SEQUENCES OF S) (LECTURE AND LAB COURSE) GENERAL CHEMICEXPANDED	Science Science	1.0	X.	
CHM		0400	SEQUENCE 1 OF 3) (COMBINED LECTURE AND LAB) GENERALI CHEM (EXPANDED	Science	0.5	THIX	X
		041/041L	SEQUENCE 201-3) LECTURE ONLY) GENERAL SHEW (EXPANDED)	Science	100	X	x
			SEQUENCE:2 OF 3) (LECTURE AND LAB COURSE)			- 3 - 70	
СНМ		041C	GENERAL CHEM (EXPANDED ) SEQUENCE 2 OF 3) (COMBINED ) LECTURE AND LAB)	Science	1.0		
СНМ	X	045	**General Chemistry (Lecture Only)	Science	0.5	X	XX
СНМ	×	045/045L	**General Chemistry I (Lecture and Lab Course)	Science	1.0	X	XX
CHM	X	045C	**General Chemistry I (Combined Lecture and Lab)	Science	1.0	Х	XX
CHM	X	046	General Chemistry (Lecture Only)	Science	0.5	X	X
CHM	X	046/046L	General Chemistry (Lecture and Lab Course)	Science	1.0	X	X
CHM	X	046C	General Chemistry (Combined Lecture and Lab)	Science	1.0	X	X
CHM	Х	047	General Chemistry (Lecture Only)	Science	0.5		
СНМ	×	047/047L	General Chemistry (Lecture and Lab Course)	Science	1.0		
СНМ	X	047C	General Chemistry (Combined Lecture and Lab)	Science	1.0		

<sup>\*\*</sup> Signifies 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	COMMON PREREQ	GENERAL EDUC
CHM	X	050	General Chemistry and Qualitative Analysis (Lecture Only)	Science	0.5		X
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		X
СНМ	X	051/051L	HONORS: GENERAL CHEMISTRY (2 OF 2) (LECTURE AND LAB COURSE)	Science	1.0		X
CHM	X	051C	HONORS: GENERAL CHEMISTRY (2 OF 2) (COMBINED LECTURE AND LAB)	Science	1.0	, ,	X
CHM	X	084	ENVIRONMENTAL CHEMISTRY (LECTURE ONLY)	Science	0.5		×
CHM	X	084/084L	ENVIRONMENTAL CHEMISTRY (LECTURE AND LAB COURSE)	Science	1.0		X
CHM	Х	084C	ENVIRONMENTAL CHEMISTRY (COMBINED LECTURE AND LAB)	Science	1:0		X
СНМ	X	205	SURVEY OF ORGANIC/BIO CHEMISTRY (LECTURE ONLY)	Science	0.5	chanks.	X
CHM	X	.205/205L	SURVEY OF ORGANIC/BIO CHEMISTRY (LECTURE AND LAB COURSE)	Science	1.0		X
СНМ	X	205C	SURVEY OF ORGANIC/BIO CHEMISTRY (COMBINED LECTURE	Science	1.0	1.4.74	<b>X</b>
			AND LAB)	操队为以外的	A ANTONY	<b>内</b> 中国推造列	明 : 18
СНМ	X	210	Organic Chemistry (Lecture Only)	Science	0.5	X	X
СНМ	X	210/210L	Organic Chemistry (Lecture and Lab Course)	Science	1.0	Χ .	X
СНМ	X	210C	Organic Chemistry (Combined Lecture and Lab)	Science	1.0	X	X
CHM	X	211	Organic Chemistry II (Lecture Only)	Science	0.5	X	X
СНМ	X	211/211L	Organic Chemistry II (Lecture and Lab Course)	Science	1.0	X	X
СНМ	X	211C	Organic Chemistry II (Combined Lecture and Lab)	Science	1.0	×	X
ESC	X	000	Earth Science (Lecture Only)	Science	0.5		X
ESC	X	000/000L	Earth Science (Lecture and Lab Course)	Science	1.0		X
ESC	X	000C	Earth Science (Combined Lecture and Lab)	Science	1.0		X
ESC.	X.	070	GLOBAL CHANGE (LECTURE ONLY)	Science	0.5		. X
ESC	X	070/070L	GLOBAL CHANGE (LECTURE AND LAB COURSE)	Science	1.0		X
ESC	X	070C	GLOBAL CHANGE (COMBINED LECTURE AND LAB)	Science	1.0	1 11	X
EVS	×	001	Introduction to Environmental Sciences (Lecture Only)	Science	0.5		X
EVS	×	001/001L	Introduction to Environmental Sciences (Lecture and Lab Course)	Science	1.0		X
EVS	×	001C	Introduction to Environmental Sciences (Combined Lecture and Lab)	Science	1.0		X
GLY	×	000	INTRODUCTION TO GEOLOGY (LECTURE ONLY)	Science	0.5		×
GLY	×	000/000L	INTRODUCTION TO GEOLOGY (LECTURE AND LAB COURSE)	Science	1.0		X
GLY	×	000C	INTRODUCTION TO GEOLOGY (COMBINED LECTURE AND LAB)	Science	1.0		X
GLY	×	001	Elements Of Earth Science (Lecture Only)	Science	0.5	X	X
GLY	X	001/001L	Elements Of Earth Science (Lecture and Lab Course)	Science	1.0	X	X
GLY	X	001C	Elements Of Earth Science (Combined Lecture and Lab)	Science ·	1.0	Х	X

<sup>\*\*</sup> Signifies that all community colleges and universities offer or accept this course in transfer as a part of their general education requirements.

		THROUG	DARY COURSE COMPLETED SHIDUAL ENROLLMENT	HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED	COMMON PREREQ	GENERAL EDUC
GLY	X	010 010/010L	Physical Geology (Lecture Only) Physical Geology (Lecture and Lab	Science Science	1.0	X	X
GLY	X	010C	Course) Physical Geology (Combined Lecture	Science	1.0	X	X
GLY	X	030	and Lab) ENVIRONMENTAL GEOLOGY	Science	0.5		Construction of the
引頭股影		CHARLES TO	(LECTURE ONLY)	<b>基本的企业。在31</b> 146万	門原的結構領		and the vari
GLY	X	030/030L	ENVIRONMENTAL GEOLOGY (LECTURE AND LAB COURSE)	Science	1.0	Service of	A SECOND
GLY	X	030C	ENVIRONMENTAL GEOLOGY (COMBINED LECTURE AND LAB)	Science	4404	X	X
GLY	X	.080	NITTRODUCTION TO MARINE SCIENCES (GEGTURE DNIS)	Science	10.5		X
GLY	X	OBC/080L	INTRODUCTION TO MARINE	Solencer	1.0		×
GLY	X	080C	hecurse Introduction to Marine	Science	107	Charles to the	ALC X
			SCIENCES (COMBINED LECTURE AND LAB)				
GLY	X	151	Geology & Environment of FL (Lecture Only)	Science	0.5	STATISTICS HAVE BEEN ALL PARTS	SAMPLE HAT DECINE PORTS
GLY	X	151/151L	Geology & Environment of FL (Lecture and Lab Course)	Science	1.0		
GLY	Х	151C	Geology & Environment of FL (Combined Lecture and Lab)	Science	1.0		
ISC	×	001	INTEGRATOR SERVICE PROPERTY	Science	0.5	Gentler.	X.
ISC V	X	001/001L	SCHOOL CHARLEST AND THE STATE OF THE SCHOOL CHARLEST AND THE STATE OF THE SCHOOL CHARLEST AND THE SCHO	Sames	10 10 12		LECK III
		001C	COURSE ANNEGRATED PRINCIPLES OF A FI	/Science	60.00		<b>用起物品</b>
ISC	X		SCIENCE (COMBINED LECTURE				
ISC	X	140	Earth and its Environment (Lecture	Science	0.5	FILES CHESTON SPRINGS	X
ISC	X	140/140L	Only) Earth and Its Environment (Lecture	Science	1.0		X
ISC	Х	140C	and Lab Course)  Earth and Its Environment (Combined	Science	1.0		X
ISC	eX:	9444 BASS	Lecture and Lab) EARTH SEA AND SKY (LECTURE)	Science	0.5 m as t	4400444	X
ISCH	LX is	141/141L	EARTH SEA, AND SKY (LECTURE)	Science	PACTO 1.0 CE		WORLDX 等3
ISC	X.	141C	AND LAB COURSE TO THE EARTH SEA AND SKY (COMBINED)	Science	100		開発の指定性 ・ Xata
MCB	問題	000	LECTURE AND LAB	Science	A 4 + 0.5 m	×	THE STATE OF
的影響	X	000/000L	PREFECUSITES (GEOTURE ONLY)	Science	(4.0 × 1.0 × 1.0		
MCB			PREREQUISITES (LECTURE AND				
MOB	X	000C	INTRO MICROBIOLOGY NO	Science (iii	10	X	3 - 3 X
	No.		PREREQUISITES (COMBINED) LECTURE AND LAB)	Control of the contro			
MCB	×	004	INTRODUCTARY MIGROEIOLOGY: BIOLOGY CHEMISTRY PREREQUISITE (LECTURE ONLY)	Science	0.5	×	X
MCB	X	004/004L	INTRODUCTARY MICROBIOLOGY	Science	1.0	X	X
			PREREQUISITE (LECTURE AND LAB				
MCB '	X	004C	COURSE) INTRODUCTARY MICROBIOLOGY:	Science	1.0	X	X
			PREREQUISITE (COMBINED LECTURE AND LAB)				

<sup>\*\*</sup> Signifies that all community colleges and universities offer or accept this course in transfer as a part of their general education requirements.

	Pi		DARY COURSE COMPLETED SHIDUAL ENROLLMENT	HIGH SCHOOL GRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED	COMMON PREREQ	GENERAL EDUC
MC8	X	010	Microbiology (Lecture Only)	Science	0.5	X	X
MCB	X	010/010L	Microbiology (Lecture and Lab Course)	Science	1.0	X	X
MCB	X	010C	Microbiology (Combined Lecture and Lab)	Science	1.0	X	Х
MCB	X	013	Microbiology (Lecture Only)	Science	0.5	X	X
MCB	X	013/013L	Microbiology (Lecture and Lab Course)	Science	1.0	X	X
MCB	X	013C	Microbiology (Combined Lecture and Lab)	Science	1.0	Х	Х
MCB	X	278	INTRO TO EPIDEMIOLOGY OF INFECTIOUS DISEASES WILAB-BS 1006C (LECTURE ONLY)	Science	0.5		Х
MCB	X	278/278L	INTRO TO EPIDEMIOLOGY OF	Science	1.0		X
			INFECTIOUS DISEASES W/LAB-BS 1006C (LECTURE AND LAB	in the second			
- 14			COURSE)	Real Control			
MCB	Х	278C	INTRO TO EPIDEMIOLOGY OF INFECTIOUS DISEASES WILAB-BS 1006C (COMBINED LECTURE AND	Science	1.0	1824	X
	1.	1000	LAB)	Attorior District	1 1 1	N	
MET	X	010	Meteorology (Lecture Only)	Science	0.5		X
MET	X	010/010L	Meteorology (Lecture and Lab Course)	Science	1.0		X
MET	X	010C	Meteorology (Combined Lecture and Lab)	Science	1.0		Х
OCB	X	000	SURVEY OF MARINE BIOLOGY (LECTURE ONLY)	Science	0.5		X
OCB	Х	000/000L	SURVEY OF MARINE BIOLOGY (LECTURE AND LAB COURSE)	Science	1.0	A.C. NO	X
OCB	Х	000C	SURVEY OF MARINE BIOLOGY (COMBINED LECTURE AND LAB)	Science	1.0	AND AND	X
OCB	X	003	Marine Biology (Lecture Only)	Science	0.5		X
OCB	×	003/003L	Marine Biology (Lecture and Lab Course)	Science	1.0	+	. X
OCB	X	003C	Marine Biology (Combined Lecture and Lab)	Science	1,0		X
OCB	×	010	Introduction To Marine Biology (Lecture Only)	Science	0.5		Х
OCB	X	010/010L	Introduction To Marine Biology (Lecture and Lab Course)	Science	1.0		X
OCB	X	010C	Introduction To Marine Biology (Combined Lecture and Lab)	Science	1,0		X
OCB	X	013	Introduction To Marine Biology (Lecture Only)	Science	0.5	×	X
OCB	X	013/013L	Introduction To Marine Biology (Lecture and Lab Course)	Science	1.0	X	X
ОСВ	X	013C	introduction To Marine Biology (Combined Lecture and Lab)	Science	1.0	×	X
OCB	X	630	INTRODUCTION TO MARINE ECOLOGY (LECTURE ONLY)	Science	0.5	10.5	X
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	001	Survey Of Oceanography (Lecture Only)	Science	0.5	X	X
OCE	X	001/001L	Survey Of Oceanography (Lecture and Lab Course)	Science	1.0	Х	Х
OCE	X	001C	Survey Of Oceanography (Combined Lecture and Lab)	Science	1.0	X	X
OCE	Х	002	SURVEY OF OCEANOGRAPHY II (LECTURE ONLY)	Science	0.5		Х
OCE	Х	002/002L	SURVEY OF OCEANOGRAPHY II (LECTURE AND LAB COURSE)	Science	1.0		X
OCE	X	002C	SURVEY OF OCEANOGRAPHY II (COMBINED LECTURE AND LAB)	Science	1.0		X

<sup>\*\*</sup> Signifies that all community colleges and universities offer or accept this course in transfer as a part of their general education requirements.

	Þ		DARY COURSE COMPLETED OH DUAL ENROLLMENT	HICH SCHOOL CRADUATION SUBJECT REQUIREMENT SATISFIED	HIGH SCHOOL CREDIT AWARDED	COMMON PREREQ	GENERAL EDUC
OCE	X	005	SURVEY OF OGEAN OGRAPHY AND IN (OGEANUS) (LECTURE ONLY)	Sderice ( )	0.5		X
OCE	X	005/005L	SURVEY OF OGEANOGRAPHY (GCEANUS) (LECTURE AND LAB ) COURSE)	Science	1.0		X
OCE	X	1005C	SURVEY OF OGEANOGRAPHY (GGEANGSTICOMBINED-LECTURE) ANDLASI	Science			×
PCB	X	030	NIROS JOLION TO EDOLOGY  (LECTURE ONLY)  INTRODUCTION TO ESOLOGY		0.57		X
PCB	×	030C	(LECTURE AND LAB COURSE) INTRODUCTION TO ECCLOSY	Science	1.0		n X
PCB	×	033	GENERA INTRO ECOLOGY:	Santa III	05.9		
PCB	X	033/033L	PRERED (LECTURE AND LAB:		1.0		LINX
PCB	×	083C					
PGB PGB	×	(061) (061)(061)					
PCB	X	0810					
PCB	X	099/0691					
PCB	×	099C	COURSE ( 1998) COURSE				
			(LEGILIFIER NO LAB)				
PCB:	X	-131 -131/131L	CELL BIOLOGY RECTURE ONLY)	esomon de la como	0.0	X NaX	
PCB.1	X in	131C	OELCEIOLISEN CONBINED	Scene 1	A PARTY OF	1.4 X	
PCB	X	300	Aquatic Biology (Lecture Only)	Science	0.5	CHARLES THE REAL PROPERTY.	X
PCB	X	300/300L	Aquatic Biology (Lecture and Lab Course)	Science	1.0		Х
PCB	X	300C	Aquatic Biology (Combined Lecture and Lab)	Science	1.0		Х
PCB :	X	435	FLORIDATENVIRONMENTAL SYSTEMS TURGTURE ONLY	Science	0.6		35L.115 - <b>X</b> (%)
PCB	X.	435/435L	FLORIDA ENVIRONMENTAL SYSTEMS (LECTURE AND UAB COURSE):	Science			X
PCB	×	435C	FLORIBAENVIRONMENTAL SYSTEMS (GOMBINED LECTURE 1.1 AND LAS)	Slavina X	1,010		XX.
PCB	X	440/440L	BASIC FLORIDA ECOLOGY. (LECTURE ONLY) BASICIFUS DA ECOLOGY	Scence	1.0		X X
PGB	X	440C	(LECTURE AND LAB COURSE)) HIS	Science	1 10 TO	1 10 70 7	
Asset	<b>国籍</b>	<b>计型能力器</b>	(COMBINED LECTURE AND LAB)		48/朱曾四國		
PCB	X	703 703/703L	Human Physiology I (Lecture Only) Human Physiology I (Lecture and Lab	Science Science	1.0	X	X
PCB	X	703C	Course) Human Physiology I (Combined	Science	1.0	X	X
		, , , ,	Lecture and Lab)				

<sup>\*\*</sup> Signifies 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	COMMON PREREQ	GENERAL EDUC	
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	×	X
PHY	X	001C	TECHNICAL PHYS (SINGLE COURSE OVERVIEW) (COMBINED LECTURE AND LAB)	Science	1.0	X	×
PHY	X	004	Tech Phys I (Lecture Only)	Science	0.5	X	X
PHY	X	004/004L	Tech Phys I (Lecture and Lab Course)	Science	1.0	X	X
PHY	×	004C	Tech Phys I (Combined Lecture and Lab)	Science	1.0	×	X
PHY	X	005	Applied Physics II (Lecture Only)	Science	0.5	X	X
PHY	X	005/005L	Applied Physics II (Lecture and Lab Course)	Science	1.0	×	X
PHY	X	005C	Applied Physics II (Combined Lecture and Lab)	Science	1.0	X	X
PHY	X	020	Physical Science (Lecture Only)	Science	0.5	X	X
PHY	X	020/020L	Physical Science (Lecture and Lab Course)	Science	1.0	X	X
PHY	X	020C	Physical Science (Combined Lecture and Lab)	Science	1.0	Х	Х
PHY	×	025	BASIC PHYSICS (ONE SEMESTER) (LECTURE ONLY)	Science	0.5	X	X
PHY	X	025/025L	BASIC PHYSICS (ONE SEMESTER) (LECTURE AND LAB COURSE)	Science	1.0	<b>X</b> E	X
PHY	X	025C	BASIC PHYSICS (ONE SEMESTER) (COMBINED LECTURE AND LAB)	Science	10	×	X
PHY	X	048	**General Physics (Lecture Only)	Science	0.5	X	XX
PHY	×	048/048L	**General Physics With Calculus (Lecture and Lab Course)	Science	1.0	Х	XX
PHY	X	048C	**General Physics With Calculus (Combined Lecture and Lab)	Science	1.0	Х	XX
PHY	×	049	General Physics With Calculus II (Lecture Only)	Science	0.5	х	X
PHY	×	049/049L	General Physics With Calculus II (Lecture and Lab Course)	Science	1.0	×	Х
PHY	×	049C	General Physics With Calculus II (Combined Lecture and Lab)	Science	1.0	Х	X
PHY	X	053	"General Physics I (Lecture Only)	Science	0.5	X	XX ·
PHY	X	053/053L	**General Physics I (Lecture and Lab Course)	Science	1.0	×	XX .
PHY	X	053C	"General Physics I (Combined Lecture and Lab)	Science	1.0	X	XX
PHY	X	054/054L	General Physics II (Lecture Only)	Science	0.5	X	X
PHY	X	054/054L	General Physics II (Lecture and Lab Course)  General Physics II (Combined Lecture	Science	1.0	X	X
PHY	X	101	and Lab)	Science	1.0	^	
	X		Elements Of Modern Physics (Lecture Only)		0.5		X
PHY	X	101/101L	Elements Of Modern Physics (Lecture and Lab Course)	Science	1.0		X
PHY	X	101C	Elements Of Modern Physics (Combined Lecture and Lab)	Science	1.0		X
PSC	×	020	FUNDAMENTALS OF PHYSICAL SCIENCE (LECTURE ONLY)	Science	0.5		X
PSC	×	020/020L	FUNDAMENTALS OF PHYSICAL SCIENCE (LECTURE AND LAB COURSE)	Science	1.0		Х
PSC	X	020C	FUNDAMENTALS OF PHYSICAL SCIENCE (COMBINED LECTURE AND LAB)	Science	1.0		Х

<sup>\*\*</sup> Signifies 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	COMMON PRERFO	GENERAL EDUC
PSC.	×	104	PHYSICAL SCIENCE SURVEY (	Science	50.5		X
PSC	X	104/104L	PHYSICAL SCIENCE SURVEY (LECTURE AND LAB COURSE)	Science	1.0		<b>X</b> +
PSC.	X	104C	PHYSICAL SCIENCE SURVEY (COMBINED LECTURE AND LAB)	Science	1:0	特別的社会	×
PSC	X	121	General Physical Sciences (Lecture Only)	Science	0.5	X	X
PSC	X	121/121L	General Physical Sciences (Lecture and Lab Course)	Science	1.0	Х	×
PSC	X	121C	General Physical Sciences (Combined Lecture and Lab)	Science	1.0	X	Х
PSC	X	341	Physical Science (Lecture Only)	Science	0.5		Х
PSC	X	341/341L	Physical Science (Lecture and Lab Course)	Science	1.0		X
PSC	Х	341C	Physical Science (Combined Lecture and Lab)	Science	1.0		X
PSC	X	512	PHYSICAL SCIENCE & THE PROPERTY (LECTURE ONLY)	Science			N.X.
PSC	X	512/512L	PHYSICAL SCIENCE & THE	Science	100		X
PSC	Х	512C	PHYSICAL SCIENCE & THE ENVIRONMENT (COMBINED LECTURE AND LAB)	Science	10-3		X
Z00	X	010	General Zoology (Lecture Only)	Science	0.5	X	X
Z00	X	010/010L	General Zoology (Lecture and Lab Course)	Science	1.0	X	X
Z00	Х	010C	General Zoology (Combined Lecture and Lab)	Science	1.0	×	×
Z00	X	503	Intro to Comparative Animal Behavior (Lecture Only)	Science	0.5		X
Z00	×	503/503L	Intro to Comparative Animal Behavior (Lecture and Lab Course)	Science	1.0		X
Z00	×	503C	Intro to Comparative Animal Behavior (Combined Lecture and Lab)	Science	1.0		X

#### 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	COMMON PREREQ	GENERAL EDUC
HMA	X	010	Introductory Survey To 1877	Social Studies: American History	0.5	/	X
AMH	X	011	Introductory Survey To 1877; Honors	Social Studies: American History	0.5		X
AMH	×	020	Introductory Survey Since 1877	Social Studies: American History	0.5		Х
ECO	X	000	Introduction To Economics	Social Studies: Economics	0.5	X	X
ECO	X	013	Principles Of Macroeconomics	Social Studies: Economics	0.5	Х	X
ECO	X	023	Microeconomics	Social Studies: Economics	0.5	X	X
POS	X	041	American Government I	Social Studies: American Government	0.5	X	X
POS	×	042	American Government	Social Studies: American Government	0.5		X
WOH	X	001	World Civilization	Social Studies: World History	0.5		X
WOH	X	012	World History To 1500	Social Studies: World History	0.5		X
WOH	X	022	World History 1500 To Present	Social Studies: World History	0.5	•	×

<sup>\*\*</sup> Signifies that all community colleges and universities offer or accept this course in transfer as a part of their general education requirements.

#### Appendix B

Statement of Standards of Dual Enrollment/Early College Programs in the Florida Community College System

#### STATEMENT OF STANDARDS

## DUAL ENROLLMENT/EARLY COLLEGE PROGRAMS IN THE FLORIDA COMMUNITY COLLEGE SYSTEM

## ADOPTED BY THE COUNCIL OF PRESIDENTS February 23, 2007

Endorsed by the Articulation Coordinating Committee on February 28, 2007

Introduction	As required by the Southern Association of Colleges and Schools (SACS), each of our community colleges "must ensure appropriate levels of student achievement and equivalent quality of programs regardless of method of instruction or location of program." To that end, the following Standards provide a statement of community college commitment to ensuring that Early College/Dual Enrollment programs demonstrate the level of academic rigor expected of all college courses and programs.
Definition	Section 1007.271, F.S., defines Dual Enrollment as the enrollment of an eligible secondary student or home education student in a postsecondary course creditable toward high school completion and a career certificate or an associate or baccalaureate degree. Dual Enrollment does not include remedial or physical education courses. In addition to the common placement examination, student qualifications for enrollment in college credit dual enrollment courses must include a 3.0 unweighted grade point average, and student qualifications for enrollment in career certificate dual enrollment courses must include a 2.0 unweighted grade point average. Early College/Dual Enrollment students are exempt from the payment of registration, tuition, and laboratory fees.
Rigor	In contrast to other accelerated programs available in Florida, Early College/Dual Enrollment allows students who meet program admission eligibility criteria to take and earn credit in actual postsecondary courses offered by a regionally accredited postsecondary institution and taught by faculty credentialed per SACS Commission on Colleges guidelines. Therefore, satisfactory completion of the course fulfills the requirement for earning postsecondary credit. This postsecondary credit is transferable to any public postsecondary institution in Florida via the Statewide Course Numbering System as provided in Section 1007.24, F.S.
Role of the Community Colleges	The Florida Community College System works with local school districts, private secondary schools and home school families to provide Dual Enrollment or "Early College" postsecondary options to over 30,000 eligible students annually. The term <b>Early College</b> is synonymous with "Dual Enrollment" in the Florida Community College System.
Purpose of the Standards	The Standards are measurable criteria of Early College/Dual Enrollment elements that are the basis of quality programs. Community Colleges are required to submit evidence of implementation of these Standards through periodic program reviews conducted by the Division of Community Colleges, Florida Department of Education.
Categories of Standards	Students Faculty Curriculum Environment Assessment Strategic Planning

## Students: Standards for Early College Eligibility

S1-Grade Point Average (GPA)	In order to participate in Early College/Dual Enrollment, students must meet the GPA requirements, as specified in Florida Statute, (1007.271 F.S.) for the degree/certificate program selected. Any exceptions to the GPA requirements must be noted in the Interinstitutional Articulation Agreement.
S2-Assessment for Placement Purposes	In order to participate in Early College/Dual Enrollment, students must complete the required assessment tests (CPT, SAT/ACT, or TABE). Students seeking to enroll in college credit coursework must meet the same placement test score requirements as all postsecondary students.
S3-Joint AP/Early College-Dual Enrollment	For joint Dual Enrollment and Advanced Placement courses, as authorized in Section 1007.272, F.S., students must comply with the add/drop policies and deadlines of the postsecondary institution. Under no circumstances will an Advanced Placement student who does not take or pass the AP examination be permitted to earn postsecondary credit for that course through Dual Enrollment. (Credit earned will be posted to the student transcript as either college credit with a grade, or AP credit, but not both.)

## Faculty: Standards for Early College Faculty

F1-Faculty Credentials	All full-time or adjunct faculty teaching Early College/Dual Enrollment must meet SACS requirements/guidelines for postsecondary instructors in the course/discipline. Criteria are the same for all faculty teaching postsecondary courses regardless of the location of the class (i.e., college campus, high school campus, or satellite site). The college is responsible for ensuring that all Dual Enrollment/Early College courses are taught by qualified faculty.
F2-Faculty Transcripts	For SACS accreditation purposes, postsecondary transcripts of all full-time or adjunct faculty teaching Dual Enrollment/Early College courses <b>must</b> be on file with the community college, regardless of who (school district/college or both) actually employs or pays their salary.
F3-Faculty Handbook	All full-time and adjunct faculty teaching Dual Enrollment/Early College classes shall be provided with a copy of the current faculty and/or adjunct faculty handbook, and are expected to adhere to the professional guidelines, rules, and expectations therein. Exceptions must be noted in the Interinstitutional Articulation Agreement.
F4-Student Handbook	All full-time and adjunct faculty teaching Early College/Dual Enrollment classes shall be provided with a current student handbook detailing add/drop and withdrawal policies, student code of conduct, grading policies, critical dates, etc., and are expected to adhere to the guidelines, rules, and expectations therein. Exceptions must be noted in the Interinstitutional Articulation Agreement.
F5-Faculty Liaison/Mentor	All adjunct faculty teaching Early College/Dual Enrollment classes shall be provided with a full-time faculty contact or liaison in the same discipline.
F6- Observation/ Evaluation of Instruction	All full-time and adjunct faculty teaching Early College/Dual Enrollment classes shall be observed by a community college faculty member or administrator for evaluation purposes using the same criteria as for all other full-time and/or adjunct faculty.

## Curriculum: Standards for Content/Syllabi/Exams/Grades

C1-Course Content	All courses taught as a part of Early College/Dual Enrollment must meet the postsecondary course content requirements as specified in the Statewide Course Numbering System.
C2-Course Plan and Objectives	All full-time and adjunct faculty teaching Early College/Dual Enrollment classes shall be provided with a copy of course plans/objectives for the college course they are teaching. In addition, they will be provided with additional requirements for Gordon Rule courses, if applicable. All course objectives must be included in the instructional plan and "covered" per the syllabus during the term.
C3-Syllabus Requirement	All full-time and adjunct faculty teaching Early College/Dual Enrollment classes shall file a copy of their current course syllabus with the discipline/department chair prior to the start of each term. Content of the syllabus must meet the same criteria as required for all college courses.
C4-Final Exam	All full-time and adjunct faculty teaching Early College/Dual Enrollment classes shall file a copy of their course final exam with the college discipline/department chair each term. The Vice President for Academic Affairs will assign the responsibility for reviewing the exams for comprehensiveness in assessing expected learning outcomes. Feedback will be provided as appropriate to the instructor and the high school principal.
C5-Textbooks and Instructional Materials	Textbooks/instructional materials used in Early College/Dual Enrollment classes must be the same as or comparable to those used other postsecondary courses at the college with the same course prefix and number. The college will advise the school district of instructional material requirements as soon as that information becomes available, but no later than one term prior to a course being offered.
C6-Tests and Assignments	Course requirements in terms of tests, papers, or other assignments for Early College/Dual Enrollment students shall be at the same level, rigor or depth as those for all non-Early College/Dual Enrollment postsecondary students.
C7-Grades	All full-time and adjunct faculty teaching Early College/Dual Enrollment classes must observe college procedures/deadlines for submission of grades in appropriate format. All faculty will be advised of college-wide grading expectations/guidelines prior to teaching an EC/DE course.

## **Environment: Early College Class/Course Expectations**

E1-Classroom Atmosphere	Early College/Dual Enrollment courses taught on a high school campus are expected to maintain a college-like atmosphere with minimal interruptions of instructional time. Student behavior which is disruptive to the learning environment may result in that student's loss of EC/DE eligibility.
E2-Early College Course Expectations	Students and parents/guardians of students enrolled in Dual Enrollment/Early College courses will be advised of college course-level expectations, including, but not limited to the following:
	<ul> <li>Expectation of 2-3 hours of homework for each hour spent in class.</li> <li>Firm assignment deadlines.</li> <li>Any letter grade below a "C" will not count as credit toward satisfaction of the General Education requirement or the Gordon Rule requirement; however, all grades are calculated in a student's GPA and will appear on their college transcript.</li> <li>All grades, including "W" for withdrawal, become a part of the student's permanent college transcript and may affect subsequent postsecondary</li> </ul>

	<ul> <li>admission.</li> <li>While appropriate for college-level study, course materials/class discussions may reflect topics not typically included in secondary courses which some parents may object to for "minors." Courses are not "brought down" to high school level to accommodate variations in student age and/or maturity.</li> <li>Students/parents should consult a community college counselor and/or advisor regarding the selection of courses to meet degree requirements or for transfer to a specific course of study at another institution.</li> </ul>
E3-Educational Planning	All Early College/Dual Enrollment students are encouraged to work with a community college advisor to develop a postsecondary Educational Plan rather than enrolling in a random selection of college courses.

## Assessment/Accountability

A1-Grade Analysis of Subsequent Course Success	Colleges shall conduct follow-up analysis on grades of Early College/Dual Enrollment students in subsequent college courses taken at their institution to ensure that level of preparation and future success is comparable with non-EC/DE postsecondary students. Reports shall be shared/reviewed with the principal and local school district and the Division of Community Colleges.
A2- Course/Instructor Evaluation	Institutions shall conduct course/instructor evaluations for Early College/Dual Enrollment classes on the high school campus, consistent with those used in all other community college classes.
A3-Consistency in Standard Assessments	Any course-, discipline-, college-, or system-wide assessments that a postsecondary institution requires in non-Early College/Dual Enrollment sections of a course shall also be used in all EC/DE sections of the course.
A4-Grade Comparison of Early College and "Regular" Student Grades	Institutions shall conduct follow-up on Early College/Dual Enrollment course offerings to ensure that <b>grading standards and outcomes</b> are comparable to non-EC/DE sections. Results will be shared with the principal, local school district and the Division.
A5-Periodic Program Review	Every three years the Division of Community Colleges will conduct a thorough program review of all Early College/Dual Enrollment programs that will include evidence of institutional implementation of the aforementioned Standards, including the areas of assessment. This program review will provide, but not be limited to, system-wide information on the performance of Early College/Dual Enrollment students in subsequent courses in both the Florida Community College System and the State University System. Measures will include: participation and success rates of all students (also disaggregated by ethnicity and gender), as well as subsequent postsecondary enrollment and/or employment. The results of the program review will be shared with the local school districts, the Commissioner and the State Board of Education.
	1. Annual Participation Rate 2. Annual Participation Rate by gender/ethnicity 3. Grade Distribution for EC/DE students 4. Comparison of Grade Distribution for "regular" community college students and EC/DE students 5. Postsecondary enrollment rate by prior year high school graduates (both CC and SUS) by EC/DE students and non-EC/DE students; (also disaggregated by ethnicity and gender)

- Student success rate (grades) in postsecondary courses subsequent to community college Early College/Dual Enrollment.
- Comparison of student success rate in SUS courses for non- EC/DE students with EC/DE students

## Strategic Planning: Interinstitutional Articulation Agreements

S1-Shared Vision	Per statute, school districts and community colleges <i>must</i> annually develop/ revise and submit the Interinstitutional Articulation Agreement (IAA) aligned with the district Student Progression Plan. Interinstitutional Articulation Agreements <i>should</i> involve collaborative strategic planning and promote effective management of resources. The agreements <i>must</i> delineate institutional responsibilities to inform students and parents about articulated acceleration program options, eligibility criteria to ensure college readiness, the process for monitoring student performance, and the criteria by which the quality of Early College/Dual Enrollment programs are to be judged. (Section 1007.235, F.S.)
S2-Articulation and Partnership Implementation	Public schools and postsecondary institutions are <i>encouraged</i> to share resources, form partnerships with private industries, and implement innovative strategies, student and faculty workshops, and parental involvement activities that serve the local needs of the educational community. Strategic partnerships promote integrated and inclusive involvement that focus on a shared return on the investment.
S3-Continuous Improvement	The IAA <b>should</b> outline strategies for collaborative professional development to improve instructional efficacy, encouraging teacher utilization of instructional technologies, addressing critical needs, and supporting in-service initiatives.