ARTICULATION COORDINATING COMMITTEE

CREDIT-BY-EXAM EQUIVALENCIES

Initially Adopted November 14, 2001

Section 1007.27(2), Florida Statutes, requires the Articulation Coordinating Committee (ACC) to establish passing scores and course and credit equivalents for Advanced Placement (AP), Advanced International Certificate of Education Program (AICE), International Baccalaureate (IB), and College-Level Examination Program (CLEP) exams. The DSST (DANTES) and Excelsior College exam equivalents on the list are not part of that requirement, but are authorized by State Board of Education Rule 6A-10.024.
Public community colleges and universities in Florida are required to award the minimum recommended credit for AP, AICE, IB and CLEP exams as designated.

The following are guidelines to use in applying the list of credit-by-exam equivalents:

AWARDING CREDIT FOR EXAMS

If a student achieves the score listed on an AP, AICE, IB or CLEP exam, state universities and community colleges must award the minimum recommended credit for the course or course numbers listed, **even if they do not offer the course.** Up to 45 total credit-by-exam credits may be awarded.

- Institutions must use the course number listed, unless it would be advantageous for the student to award a specific course number with equal credit that satisfies program prerequisites or other requirements.
- Institutions must award the same number of credits that are ordinarily awarded for the course or the minimum listed, whichever is greater.
- Institutions may award more credit than the minimum listed, but may not use additional course numbers that will automatically transfer. Institutions should carefully consider what is required for students' degree plans before awarding additional credit.

- Credit by examination may not duplicate credit previously earned through examination or through postsecondary courses in which a grade of "C" or higher has been earned.

- If no specific course number is listed, but a number of credits is given, institutions must award credit. They may use any appropriate course number in the subject area, or no number.

- If no minimum credit is recommended for a particular exam, award of credit is at the discretion of the institution. Institutions may not use course numbers that will automatically transfer.

- Institutions may not award credit for scores below those listed.

- If students have old scores (taken prior to November, 2001), institutions may either use the new minimum scores and course equivalents, or the institution's policy in effect when the student took the exam.

GENERAL EDUCATION, COMMON PREREQUISITES, AND GORDON RULE

For purposes of completing the requirements for general education, Gordon Rule, or major prerequisites, credit for specific course numbers awarded by exam should be treated no differently from credit earned in the same courses at the receiving institution.

Courses designed as ^{core} in this document are also designated as a general education core course pursuant to State Board of Education Rule 6A-14.0303, F.A.C., *General Education Core Course Options* and Board of Governors Regulation 8.005 *General Education Core Course Options.*

DSST (DANTES), EXCELSIOR, AND OTHER EXAM PROGRAMS

Institutions are **not** required to initially award credit for DSST (DANTES), or Excelsior (formerly Regents or PEP) exams listed.

However, pursuant to State Board of Education Rule 6A-10.024 (adopted via resolution by the Board of Governors in November 2005) institutions **are** required to accept the credit in transfer if another institution has awarded credit based on the list of equivalents.

Institutions may award credit at their discretion for any exam not listed. All DSST (DANTES) and Excelsior exams were reviewed, but course equivalents were only recommended when there was a reasonable equivalent in the Statewide Course Numbering System. Credit awarded for exams not listed may transfer at the discretion of the receiving institution.

ADVANCED PLACEMENT (AP)

Advanced Placement exams are taken after students complete the corresponding Advanced Placement course in high school. Advanced Placement courses are challenging, college-level courses that are designed to parallel typical lower-level undergraduate courses. Exams are developed by committees of college and secondary faculty, and are given to test groups of students in actual college courses to determine appropriate passing scores. Institutions must use the course number listed, unless it would be advantageous for the student to award a specific course number with equal credit that satisfies program prerequisites. More information about Advanced Placement, including descriptions of courses and sample examination questions, is available at http://apcentral.collegeboard.com/apc/Controller.jpf. Page 16 of the AP Calculus Course Description, at http://apcentral.collegeboard.com/apc/public/repository/ap-calculus-course-description.pdf describes how to award credit for the AP Calculus BC *subscore*.. The subscore description for the Music Theory exam is available in the Course Description booklet online at AP Central, http://apcentral.collegeboard.com/apc/public/repository/ap08_music_coursedesc.pdf.

Exam	AP Exam Score of 3	AP Exam Score of 4	AP Exam Score of 5	Comments
Art History	ARH X000^{core} (min. 3 credits)	ARH X050 and X051 (min. 6 credits)	Same as 4	
Biology	BSC X005C^{core} or BSC X005/X005L^{core} (min. 4 credits)	BSC X010C^{core} or BSC X010/X010L^{core} (min. 4 credits)	BSC X010C ^{core} or BSC X010/X010L ^{core} and BSC X011C or BSC X011/X011L (min. 8 credits)	
Calculus AB	MAC X311^{core} (min. 4 credits)	Same as 3	Same as 3	
Calculus BC	MAC X311^{core} (min. 4 credits)	MAC X311^{core} 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.
Chemistry	CHM X020C^{core} or CHM X020 /X020L^{core} (min. 4 credits)	CHM X045C^{core} or CHM X045/X045L^{core} or CHM X040/X045L (min. 4 credits)	CHM X045C ^{core} or CHM X045/X045L ^{core} and CHM X046 or X046/X046L (min. 8 credits)	
Chinese Language and Culture	One semester of intermediate-level language (min. 3 credits)	Two semesters of intermediate-level language (min. 6 credits)	Same as 4	No literature credit

Exam	AP Exam Score of 3	AP Exam Score of 4	AP Exam Score of 5	Comments
Computer Science A	CGS X075 (min. 3 credits)	Same as 3	Same as 3	CGS X075 is unique to this exam. Exam content changes frequently.
Computer Science AB	CGS X076 (min. 3 credits)	Same as 3	Same as 3	CGS X076 is unique to this exam. Exam content changes frequently. Exam discontinued in 2009
Economics: Macro	ECO X013^{core} (min. 3 credits)	Same as 3	Same as 3	
Economics: Micro	ECO X023 (min. 3 credits)	Same as 3	Same as 3	
English Language and Composition	ENC X101 ^{core} (min. 3 credits)	ENC X101^{core} and X102 (min. 6 credits)	Same as 4	Award min. 3 credits if ENC X101 already satisfied.
English Literature and Composition	ENC X101^{core} or course in AML, ENL, or LIT (min. 3 credits)	ENC X101^{core} and either ENC X102 or LIT X005 (min. 6 credits)	Same as 4	LIT X005 is unique to this exam. Literature content varies widely. Award min. 3 credits if ENC X101 already satisfied.
Environmental Science	ISC X051 (min. 3 credits)	Same as 3	Same as 3	ISC X051 is unique to this exam. Interdisciplinary environmental studies course
European History	EUH X009 (min. 3 credits)	EUH X000 and X001 (min. 6 credits)	Same as 4	EUH X009 is unique to this exam.
French Language and Culture	One semester of intermediate-level language (min. 3 credits)	Two semesters of intermediate-level language (min. 6 credits)	Same as 4	No literature credit French Language exam discontinued, combined exams in 2011
French Literature	One semester introductory literature (min. 3 credits)	Two semesters of introductory literature (min. 6 credits)	Same as 4	Exam discontinued in 2011
German Language and Culture	One semester of intermediate-level language (min. 3 credits)	Two semesters of intermediate-level language (min. 6 credits)	Same as 4	No literature credit German Language exam discontinued, combined exams in 2011
Government and Politics: Comparative	CPO X001 or X002 (min. 3 credits)	Same as 3	Same as 3	
Government and Politics: United States	POS X041^{core} (min. 3 credits)	Same as 3	Same as 3	

Exam	AP Exam Score of 3	AP Exam Score of 4	AP Exam Score of 5	Comments
Human Geography	GEO X400 or GEO X420 (min. 3 credits)	Same as 3	Same as 3	
Italian Language and Culture	One semester of intermediate-level language (min. 3 credits)	Two semesters of intermediate-level language (min. 6 credits)	Same as 4	No literature credit
Japanese Language and Culture	One semester of intermediate-level language (min. 3 credits)	Two semesters of intermediate-level language (min. 6 credits)	Same as 4	No literature credit
Latin: Latin Literature	LNW X700	Same as 3	Same as 3	LNW X700 is a unique number for this exam. Exam includes Catullus and either Horace, Ovid, or Cicero Exam discontinued, combined with Latin in 2012
Latin: Vergil	LNW X321	Same as 3	Same as 3	Exam discontinued, combined with Latin in 2012
Latin	LNW X700 or LNW X321	Same as 3	Same as 3	
Music Theory	MUT X001 if composite score is 3 or higher. MUT X111 and MUT X241 if both aural and non-aural subscores are 3 or higher. (min. 3 credits)	Same as 3	Same as 3	Subscore descriptions are available online at AP Central, http://apcentral.collegeboard.com/apc/public/repository/ap08_music_coursedesc.pdf
Physics 1	PHY X053C ^{core} or PHY X053/ X053L ^{core} (min 4 credits)	same as 3	Same as 3	
Physics 2	PHY X054C or PHY X054/ X054L (min 4 credits)	Same as 3	Same as 3	
Physics B	PHY X053C^{core} or PHY X053/ X053L^{core} (min. 4 credits)	PHY X053C^{core} or X053/X053L^{core} and PHY X054C or X054/X054L (min. 8 credits)	Same as 4	Exam discontinued in 2014
Physics C: Electricity / Magnetism	PHY X054C or PHY X054/X054L (min. 4 credits)	PHY X049C or PHY X049/X049L (min. 4 credits)	Same as 4	
Physics C: Mechanics	PHY X053C^{core} or PHY X053/X053L^{core} (min. 4 credits)	PHY X048C^{core} or PHY X048/X048L^{core} (min. 4 credits)	Same as 4	

Exam	AP Exam Score of 3	AP Exam Score of 4	AP Exam Score of 5	Comments
Psychology	PSY X012 [core] (min. 3 credits)	Same as 3	Same as 3	
Research	IDS XXXX (min 3 credits)	Same as 3	Same as 3	Institutional discretion when applying equivalencies
Seminar	IDS 1350 (min of 3 credits)	Same as 3	Same as 3	
Spanish Language and Culture	One semester of intermediate-level language (min. 3 credits)	Two semesters of intermediate-level language (min. 6 credits)	Same as 4	No literature credit
Spanish Literature	One semester introductory literature (min. 3 credits)	Two semesters of introductory literature (min. 6 credits)	Same as 4	
Statistics	STA X014 or STA X023[core] (min. 3 credits)	Same as 3	Same as 3	
Studio Art: Drawing Portfolio	ART X300C (min. 3 credits)	Same as 3	Same as 3	
Studio Art: 2-D Design Portfolio	ART X201C (min. 3 credits)	Same as 3	Same as 3	
Studio Art: 3-D Design Portfolio	ART X203C (min. 3 credits)	Same as 3	Same as 3	
United States History	AMH X000 (min. 3 credits)	AMH X010 and X020 (min. 6 credits)	Same as 4	
World History	WOH X022 (min. 3 credits)	Same as 3	Same as 3	

CAMBRIDGE AICE (British AS-Level and A-Level)

The AICE program is an international, advanced secondary curriculum and assessment program equivalent to the British system of "A-Levels." The following list represents the recommendations of the Articulation Coordinating Committee. Institutions must use the course number listed, unless it would be advantageous for the student to award a specific course number with equal credit that satisfies program prerequisites. Information about the program, including course syllabi, can be found on-line at http://www.cie.org.uk/countries/usa.

Exam	Passing Score of "A", "B", "C", "D", "E" (grades are not based on the American "A" – "F" grading scale)	Comments
Accounting (AS-Level)	ACG X001 (min. 3 credits)	
Accounting (A-Level)	ACG X001 and ACG XXXX (min. 6 credits)	
Art and Design (AS-Level)	No number recommendation (min. 3 credits)	
Applied ICT –Information, Communication Technology (AS-Level)	CGS x060 or CGS x100 (min. 3 credits)	
Applied ICT- Information, Communication Technology (A-Level)	Institutional discretion/ elective credit (min 6 credits)	
Art and Design (A-Level)	No number recommendation (min. 6 credits)	
Biology (AS-Level)	BSC X005C^{core} or BSC X005/X005L^{core} (min. 4 credits)	
Biology (A-Level)	BSC X010C ^{core} or BSC X010/X010L ^{core} and additional credit at institution's discretion, based on optional topics studied (min 7 credits)	
Business Studies (AS-Level)	GEB X011 (min. 3 credits)	
Business Studies (A-Level)	GEB X011 and GEB XXXX (min. 6 credits)	
Chemistry (AS-Level)	CHM X020C^{core} or CHM X020/020L^{core} or CHM X025C or CHM X025/025L (min. 4 credits)	
Chemistry (A-Level)	CHM X020C^{core} or CHM X020/020L^{core} or CHM X025C or CHM X025/025L and CHM X045C^{core} or CHM X045/045L^{core} (min 8 credits)	
Classical Studies (AS-Level	CLA X010 (min. 3 credits)	
Computing (AS-Level)	CGS X073 (min. 3 credits)	CGS X073 is a unique number for ~~to~~ this exam.

Exam	Passing Score of "A", "B", "C", "D", "E" (grades are not based on the American "A" – "F" grading scale)	Comments
Computing (A-Level)	CGS X073 and CGS X074 (min. 6 credits)	CGS X073 and CGS X074 are unique numbers for this exam
Design and Technology (AS-Level)	ETI X482C (min. 3 credits)	
Design and Technology (A-Level)	ETI X482C or ETI X482/482L and ETI XXXX (min. 6 credits)	
Economics (AS-Level)	ECO X000 (min. 3 credits)	
Economics (A-Level)	ECO X013^{core} and ECO X023 (min. 6 credits)	
English (AS-Level) – English Language or Language & Literature in English	ENC X101^{core} (min. 3 credits)	
English (A Level)	ENC X101^{core} and either ENC X102 or LIT X000^{core} (min 6 credits)	If credit already awarded for ENC X101 or ENC X102, may award ENC X121 and ENC X122
English (AS-Level) – Literature in English	ENC X101^{core} or ENC X102 (min. 3 credits)	Award credit for ENC X102 if student has credit for X101.
English (A-Level) – Literature in English	ENC X101^{core} and X102 or ENC X102 and LIT X100 (min. 6 credits)	Award credit for ENC X102/LITX006 if student has credit for ENC X101.
Environmental Management (AS-Level)	EVR X001C^{core} or EVR X001/X001L^{core} or ISC XXXX (min. 3 credits)	Only offered at AS-level
French Language (AS-Level)	One semester of language credit at Intermediate I level (min. 3 credits)	
French Literature (AS-Level)	One semester of literature survey credit (min. 3 credits)	
French (A-Level)	Two semesters of language credit at Intermediate II level (min. 6 credits)	
Further Mathematics (A-Level)	MAC X311^{core} and MAC X312 or STA x023 (min of 6 credits)	
General Paper	IDS X110 (min. 3 credits)	
Geography (AS-Level)	GEA X000 (min. 3 credits)	
Geography (A-Level)	GEO X200 and GEO X400 (min. 6 credits)	

Exam	Passing Score of "A", "B", "C", "D", "E" (grades are not based on the American "A" – "F" grading scale)	Comments
German Language (AS-Level)	One semester of language credit at Intermediate I level (min. 3 credits)	
German (A-Level)	Two semesters of language credit at Intermediate II level (min. 6 credits)	
Global Perspectives 1 (AS-Level)	ISS X011 or ISS X013 (3 credits)	
Global Perspectives Pre-U Independent Research II (A-Level)	ISS x011 and ISS x012 (6 credits)	Pre-U Level results are reported on a 9-point scale of grades: Distinction (D)1, D2, D3, Merit (M) 1, M2, M3, Pass (P) 1, P2, P3 with grade D1 being the highest and grade P3 the lowest. Pre U grade D2 = A Level exam grade A* and a P3 is > A level grade E.
History – The History of the USA, c. 1840-1968	AMH X042 (3 credits)	Exam discontinued in 2014, revised for 2015
History – Modern European History, 1789-1939	EUH X031 or EUH X002 (3 credits)	Exams discontinued in 2014, revised for 2015
History – International History, 1945-1991	HIS X206 or WOH X040 (3 credits)	Exams discontinued in 2014, revised for 2015
US History, 1840-1941 (AS-Level)		Equivalencies are currently under review
US History, 1941-1990 (A-Level)		Equivalencies are currently under review
European History, 1789-1917 (AS-Level)		Equivalencies are currently under review
European History, 1850-1941 (A-Level)		Equivalencies are currently under review
International History, 1871-1945 (AS-Level)		Equivalencies are currently under review
International History, 1945-1991 (A-Level)		Equivalencies are currently under review

Exam	Passing Score of "A", "B", "C", "D", "E" (grades are not based on the American "A" – "F" grading scale)	Comments
Latin (AS-Level)	At least one semester of language credit up to elementary II level (min. 3 credits)	
Marine Science (AS-Level)	OCE X001 (min. 3 credits)	
Marine Science (A-Level)	OCE X001 and OCB X000 (min. 6 credits)	
Mathematics (AS-Level)	MAC X147 or MAC X140/X114 (min. 4 credits)	MAC X147 is composed of topics in both MAC X114 and MAC X140.
Mathematics (A-Level)	MAC X311^{core} and other Mathematics course (min. 6 credits)	
Media Studies (AS- Level)	DIG X000 (min 3 credits)	
Media Studies (A-Level)	DIG X000 and DIG X001 or DIG X030 (min 6 credits)	
Music (AS-Level)	MUH X001 (min. 3 credits)	
Music (A-Level)	MUH X001 and MUH X011 or MUH X012 (min. 6 credits)	Choice of MUH X011 or MUH X012 dependent on musical selections in Components 3, 4, and 5.
Physics (AS-Level)	PHY X020C^{core} or PHY X020/X020L^{core} (min. 3 credits)	
Physics (A-Level)	PHY X053C or PHY X053/X053L and PHY X054C or PHY X054/X054L (min 8 credits)	
Psychology (AS-Level)	PSY X012^{core} (min. 3 credits)	
Psychology (A-Level)	PSY X012^{core} and other Psychology course (min. 6 credits)	
Sociology (AS-Level)	SYG X000^{core} (3 credits)	
Sociology (A-Level)	SYG X000^{core} (min. 3 credits)	
Spanish Language (AS-Level)	One semester of language credit at Intermediate I level (min 3 credits)	
Spanish Literature (AS-Level)	One semester of literature survey credit (min. 3 credits)	

Exam	Passing Score of "A", "B", "C", "D", "E" (grades are not based on the American "A" – "F" grading scale)	Comments
Spanish (A-Level)	Two semesters of language credit at Intermediate II level (min of 6 credits)	
Thinking Skills (AS-Level)	PHI X103 or PHI X401 (min. 3 credits)	
Thinking Skills (A-Level)	PHI X103 or PHI X401 and other Philosophy course (min. 6 credits)	
Travel and Tourism (AS-Level)	HFT X000 or HFT X700 (min. 3 credits)	
Travel and Tourism (A-Level)	HFT X000 or HFT X700 and other Hospitality Management related credit (min. 6 credits)	

COLLEGE-LEVEL EXAMINATION PROGRAM (CLEP)

The College-Level Examination Program, unlike Advanced Placement, is not built around a curriculum, but rather is designed to test students' knowledge on a variety of college-level subjects, regardless of where they may have learned the material. CLEP exams are developed by committees of college faculty who design questions based on what is typically covered in lower-level college courses and who set passing standards for the exams (scores are no longer based on studies of student performance in college courses). With the new computer-based tests, new questions are constantly being added, especially in rapidly-changing fields such as Computer Science. The typical passing score on computer-based CLEP exams for general education purposes is 50, although paper and pencil versions will be different. Institutions must use the course number listed, unless it would be advantageous for the student to award a specific course number with equal credit that satisfies program prerequisites. More information about CLEP, including recent test information guides, can be found online at http://www.collegeboard.com/student/testing/clep/about.html.

Exam	Scale Score of 50 for Passing	Comments
Accounting, Principles of	ACG X001 (min. 3 credits)	Effective July 1, 2007 this test is no longer administered—replaced by "Financial Accounting" exam
Algebra, College	MAC X105^{core} (min. 3 credits)	
Algebra-Trigonometry, College	MAC X147 (min. 4 credits)	MAC X147 can substitute for MAC X140 and MAC X114. Effective July 1, 2006 this test is no longer administered—replaced by "Precalculus" exam
American Government	POS X041^{core} (min. 3 credits)	
American Literature	AML X000 (min. 3 credits)	
Analyzing and Interpreting Literature	No direct equivalent. Recommend American or English Literature exams instead.	
Biology, General	BSC X005^{core} (min. 3 credits)	No lab credit
Business Law, Introduction to	BUL X241 (min. 3 credits)	
Calculus	MAC X233 (min. 3 credits)	
Chemistry, General	CHM X020^{core} or X025 (min. 3 credits)	No lab credit
College Composition	ENC X101^{core} and ENC X102 (min. 6 credits)	
College Composition Modular	ENC X101^{core} and ENC X102 (min. 6 credits)	No guaranteed credit for College Composition Modular without essay portion
Educational Psychology, Introduction to	EDP X002 (min. 3 credits)	
English Composition with Essay	ENC X101^{core} (min. 3 credits)	Replaced by College Composition
English Literature	ENL X000 (min. 3 credits)	
Financial Accounting	ACG X001 (min. 3 credits)	

Exam	Scale Score of 50 for Passing	Comments
French Language	On Level I French Language exam—one semester of Elementary Language I (min. 3 credits)	On Level 2 French Language exam—score of 59 earns a minimum of two semesters of Elementary Language I and II (min. 6 credits). No literature credit. College Board recommended score change from 62 to 59 December 2007.
Freshman Composition	No direct equivalent. Recommend English Composition with Essay instead.	Replaced by College Composition Modular
German Language	On Level I German Language exam—one semester of Elementary Language I (min. 3 credits)	On Level 2 German Language exam—score of 60 earns a minimum of two semesters of Elementary Language I and II (min. 6 credits). No literature credit. College Board recommended score change from 63 to 60 by August, 2008.
History of the United States I: Early Colonizations to 1877	AMH 010 (min. 3 credits)	
History of the United States II: 1865 to Present	AMH 020^{core} (min. 3 credits)	
Human Growth and Development	DEP X004 (min. 3 credits)	
Humanities	HUM X235 or HUM X250 (min. 3 credits)	Interdisciplinary exam: 50% literature and 50% fine arts
Information Systems and Computer Applications	CGS X077 (min. 3 credits)	CGS X077 is unique to this exam. Exam content updated frequently
Macroeconomics, Principles of	ECO X013^{core} (min. 3 credits)	
Management, Principles of	MAN X021 (min. 3 credits)	
Marketing, Principles of	MAR X011 (min. 3 credits)	
Mathematics, College	MGF X106^{core} or MGF X107^{core} (min. 3 credits)	Exam covers sets (10%), Logic (10%), Real Numbers (20%), Functions and Graphs (20%), Probability and Statistics (25%), and additional Algebra topics (15%)
Microeconomics, Principles of	ECO X023 (min. 3 credits)	
Natural Science	No direct equivalent. Recommend specific subject exams instead.	Interdisciplinary exam: 50% Biological Science and 50% Physical Science (incl. Physics, Chemistry, Astronomy, and Geology)
Precalculus	MAC X140 (min. 3 credits)	
Psychology, Introductory	PSY X012^{core} (min. 3 credits)	
Social Science and History	No direct equivalent. Recommend specific subject exams instead.	Interdisciplinary exam: 40% History (U.S., Western, and World) and 60% Social Sciences (Government, Sociology, Economics, Psychology, Geography, and Anthropology)
Sociology, Introductory	SYG X000^{core} (min. 3 credits)	

Exam	Scale Score of 50 for Passing	Comments
Spanish Language	On Level I Spanish Language exam—one semester of Elementary Language I (min. 3 credits)	On Level 2 Spanish Language exam—score of 63 earns a minimum of two semesters of Elementary Language I and II (min. 6 credits). No literature credit College Board recommended score change from 66 to 63 in spring, 2007.
Trigonometry	MAC X114 (min. 2 credits)	Effective July 1, 2006 this test is no longer administered—replaced by "Precalculus" exam
Western Civilization I: Ancient Near East to 1648	EUH X000 (min. 3 credits)	
Western Civilization II: 1648 to Present	EUH X001 (min. 3 credits)	

INTERNATIONAL BACCALAUREATE (IB)

The International Baccalaureate program is a challenging curriculum offered in high schools around the world that is designed to prepare students for advanced work in many countries' postsecondary systems. Because it is international, the curriculum is not always as closely aligned with courses in American colleges and universities as Advanced Placement courses, and students and teachers often choose topics within a fairly wide range. Students frequently conduct independent projects as part of the curriculum. Many subjects have both Standard Level and Higher Level versions, which typically require additional specialized research or independent work. International Baccalaureate assessments are conducted worldwide, so that an American student's work may be evaluated by a teacher in Singapore or vice-versa, and they often include substantial long-answer components or assessment of student research projects or portfolios. It may be helpful for institutions to talk with the student or to review the student's projects in order to assign appropriate credit.

In 2006, the Florida State Board of Education Rule 6A-10.024 and the Board of Governors established that the credit granting recommendations below award equal course credit for diploma and non-diploma holders for passing exam scores. Institutions must use the course number listed, unless it would be advantageous for the student to award a specific course number with equal credit that satisfies program prerequisites. More information about the IB program is available at http://www.ibo.org/.

Exam	IB Score of 4 **Minimum 3 credits per exam.**	IB Score of 5-7 **Minimum 6 credits per exam. If courses listed do not equal 6 credits, institutions must give elective credit or assign own numbers**	Comments
Biology	BSC X005C^{core} or BSC X005/X005L^{core}	BSC X005C^{core} and BSC X010C^{core} or BSC X005/X005L^{core} and BSC X010/X010L^{core}	
Business and Management	GEB X011 or MAN X604 or MAN X652	GEB X011 or MAN X604 or MAN X652 and General Business or Management course determined by institution	
Chemistry	CHM X020C^{core} or CHM X020/X020L^{core}	CHM X020C^{core} or CHM X20/X020L^{core} and CHM X045C^{core} or CHM X045/045L^{core}	
Computer Science	CGS x100 (3 credits)	COP x000 and CGS x100 (6 credits)	Exam content updated or changed frequently.
Design Technology	ETI X410 (3 credits)	ETI X410 and other Engineering Technologies course determined by institution	ETI X410 is unique to this exam. Interdisciplinary engineering technology course.
Economics	ECO X000	ECO X013^{core} and ECO X023	

Exam	IB Score of 4 Minimum 3 credits per exam.	IB Score of 5-7 Minimum 6 credits per exam. If courses listed do not equal 6 credits, institutions must give elective credit or assign own numbers	Comments
Ecosystems and Societies	EVR X017 or EVR X018	EVR X017 or EVR X018 and other Interdisciplinary Science or Environmental Studies course determined by institution	
English A1	ENC X101	ENC X101^{core} and ENC X102 or LIT X100 or LIT X110	English A1 is no longer offered, replaced by English Language A: Language and Literature & English Language A: Literature.
English Language A: Language and Literature	(min 3 credits)	(min 6 credits)	Equivalencies are currently under review
English Language A: Literature	ENC x141 or LIT x000 (3 credits)	ENC x141 and LIT x000 (6 credits)	
Environmental Systems	ISC X050 (3 credits)	ISC X050 and other Interdisciplinary Science or Environmental Science course determined by institution	ISC X050 is unique to this exam. Interdisciplinary environmental studies course.
Film Studies	FIL X000 or FIL X001	FIL X000 or FIL X001 and FIL X002 or FIL X420	
French: Language B	One semester of language credit at Elementary Language II level (min. 3 credits)	Two semesters of Elementary Language II and Intermediate Language I level (min. 6 credits)	No literature credit
Further Mathematics (Advanced Mathematics)	MHF X202	MHF X202 and MHF X209	MHF X209 is unique number for this exam.
Geography	GEA X000	GEO X200 and GEO X400	
German: Language B	One semester of language credit at Elementary Language II level (min. 3 credits)	Two semesters of Elementary Language II and Intermediate Language I level (min. 6 credits)	No literature credit
History	WOH X030	WOH X030 and one semester (min. 3 credits) of lower-level History elective depending on student's choice of specialized subject.	All students study 20th-Century World History. Higher Level students also study a 100-year period between 1750 and the present in one of several regions. Standard Level students do a project in any History subject.

Exam	IB Score of 4 Minimum 3 credits per exam.	IB Score of 5-7 Minimum 6 credits per exam. If courses listed do not equal 6 credits, institutions must give elective credit or assign own numbers	Comments
Information and Technology for a Global Society	No direct equivalent (min. 3 credits)	No direct equivalent (min. 6 credits)	
Islamic History	No direct equivalent (min. 3 credits)	No direct equivalent (min. 6 credits)	
Italian: Language B	One semester of language credit at Elementary Language II level (min 3 credits)	Two semesters of Elementary Language II and Intermediate Language I level (min 6 credits)	
Latin	LAT X230 or LAT XXXX	LAT X230 and LAT XXXX or LNW XXXX	
Marine Science	BSC X311C (BSC X311/X311L) or OCB X000C (OCB X000/X000L) or OCB X010C (OCB X010/X010L) (min of 3 credits)	Course selection same as score of 4 (min of 6 credits)	
Math Methods	MAC X105^{core}	MAC X105^{core} and MAC X140 or MAC X140 and MAC X233	
Math Studies	MAT X033	MAT X033 and MGF X106^{core}	
Mathematics	MAC X147	MAC X147 and MAC X233 or MAC X233 and MAC X311^{core}	MAC X147 can substitute for MAC X140 and MAC X114
Music	MUL X010 (3 credits)	MUL X010 and additional course determined by institution (6 credits)	Exam has music theory, history, and literature aspects. Emphasis is on post-Renaissance European music with significant additional coverage of alternating world music topics.
Philosophy	PHI X010^{core} (min. 3 credits)	PHI X010^{core} and additional Philosophy course (min. 6 credits)	
Physics	PHY X020C^{core} or PHY X020/X020L^{core}	PHY X020C^{core} or PHY X020/X020 ^{core} and PHY X009 or PHY X053C or PHY X053/X053L and PHY X054C or PHY X054/X054L	PHY X009 is a unique number for this exam.
Psychology	PSY X012^{core}	PSY X012^{core} and additional course determined by institution.	

Exam	IB Score of 4 **Minimum 3 credits per exam.**	IB Score of 5-7 **Minimum 6 credits per exam. If courses listed do not equal 6 credits, institutions must give elective credit or assign own numbers**	Comments
Social and Cultural Anthropology	ANT X410	ANT X410 and additional ANT course determined by institution.	
Spanish: Language B	One semester of language credit at Elementary Language II level (min. 3 credits)	Two semesters of Elementary Language II and Intermediate Language I level (min. 6 credits)	No literature credit
Theatre Arts	THE X000^{core} or THE X020	THE X000^{core} or THE X020 and one semester (min. 3 credits) credit in theater history, performance, stagecraft, theory or literature depending on student's strengths	All students study core topics in dramatic literature, performance and stagecraft. Higher Level students do an independent project in a Theater Arts subject of their choice.
Visual Arts	ART X012 or ART X014 (3 credits)	ART X012 or ART X014 and additional Art course determined by institution.	Content will vary widely for each student. All students do both studio work and research notebooks. Standard Level students choose to emphasize one or the other. Higher Level students emphasize studio work. Courses in ART and/or ARH prefix may be appropriate.

DSST EXAMINATION PROGRAM

Florida Statute does not require the ACC to establish minimum course and credit equivalents for the DSST Examination Program (formerly DANTES Subject Standardized Tests). However, pursuant to Florida State Board Rule 6A-10.024, transfer of credit must be accepted based on the following recommendations. Institutions must use the course number listed, unless it would be advantageous for the student to award a specific course number with equal credit that satisfies program prerequisites. The DSST exams, unlike Advanced Placement, are not built around curriculum, but rather are designed to test students' knowledge on a variety of college-level subjects, regardless of where they may have learned the material. Exams are developed by committees of college faculty. More information about DSSTs, including descriptions of test content and sample examination questions, is available at http://www.getcollegecredit.com/.

Exam	Suggested Course Number (3 credits per exam)	Passing Score	Passing Score 2008 Revised Exams	Comments
A History of the Vietnam War	AMH X059	44	400	
Art of the Western World	ARH X000^{core} or ARH X010	48	400	
Astronomy	AST X002	48	400	
Business Ethics and Society	GEB X441	400	400	
Business Law II	BUL X242	44		Discontinued 12/31/2014
Business Math	QMB X001	48	400	
Criminal Justice	CCJ X000 or CCJ X020	49	400	
Drug and Alcohol Abuse	No course or credit recommendation	49		2008: See *Substance Abuse*
Environment and Humanity	EVR X017 or ISC X003 or ISC X143 or ISC X147	46	400	
Ethics in America	PHI X630	46	400	
Foundations of Education	EDF X002	46		
Fundamentals of College Algebra	MAT X033	47	400	
Fundamentals of Counseling	PCO X202	45		
Fundamentals of Cyber Security	CIS x350 or CIS x354		400	
General Anthropology	ANT X000	47		
Here's to Your Health	HSC X100 or HSC X101	48	400	
Human Resources Management	MAN X300	46	400	
Human/Cultural Geography	GEO X400	48		
Introduction to Business	GEB X011	46	400	
Introduction to Computing	CGS X000 or CGS X060	45	400	
Introduction to Law Enforcement	CCJ X100 or CJE X000	45	400	
Introduction to the Modern Middle East	ASH X044	47		Discontinued 12/31/2014
Introduction to World Religions	REL X300	48	400	

Exam	Suggested Course Number (3 credits per exam)	Passing Score	Passing Score 2008 Revised Exams	Comments
Lifespan Developmental Psychology	DEP X004	46	400	
Management Information Systems	ISM X000 or ISM X004	46	400	
Money and Banking	BAN X501	48		
Organizational Behavior	INP X002	48	400	
Personal Finance	FIN X100	46	400	
Physical Geology	GLY X000	46		
Principles of Finance	FIN X000	46	400	
Principles of Financial Accounting	ACG X001	47		Discontinued 12/31/2014
Principles of Physical Science I	PSC X121 or PSC X341	47	400	
Principles of Public Speaking	SPC X600	47	400	
Principles of Statistics	STA X014	48	400	
Principles of Supervision	MNA X345	46	400	
Rise and Fall of the Soviet Union	EUH X066	45		
Substance Abuse	HSC X140 or HSC X150	49	400	
Technical Writing	ENC X210	46	400	
The Civil War and Reconstruction	AMH X056	47	400	
Western Europe Since 1945	No course or credit recommendation	45		Discontinued 12/31/2014

EXCELSIOR COLLEGE EXAMINATIONS

Florida Statute does not require the ACC to establish minimum course and credit equivalents for the Excelsior College Examination. However, pursuant to Florida State Board Rule 6A-10.024, transfer of credit must be accepted based on the following recommendations. Institutions must use the course number listed, unless it would be advantageous for the student to award a specific course number with equal credit that satisfies program prerequisites. Excelsior College Examinations (formerly known as Regents College Exams or the Proficiency Examination Program), are developed by Excelsior College using national committees of faculty consultants and national studies to assess how well the tests measure the performance of students in actual college courses. Excelsior College Examinations are approved by the American Council on Education and Excelsior College itself is accredited by the Middle States Association of Colleges and Schools (MSACS). More detailed information about Excelsior College Examinations can be found on-line at https://www.excelsior.edu/Excelsior_College/Excelsior_College_Examinations.

Exam	Suggested Course Number (3 credits per exam)	Passing Score	Comments
Abnormal Psychology	CLP X140	C	
Earth Science	ESC x000^{core} or GLY x000	C	

Exam	Suggested Course Number (3 credits per exam)	Passing Score	Comments
English Composition	ENC X101[core] or ENC X102	C	
Ethics: Theory and Practice	PHI X630	C	
Foundations of Gerontology	GEY X000	C	
Human Resources Management	MAN X300	C	
Introduction to Music	MUH X011	C	
Labor Relations	MAN X400	C	
Life Span Developmental Psychology	DEP X004	C	
Managerial Accounting	ACG X071	C	
Microbiology	MCB X000 (lecture only)	C	
Principles of Marketing	MAR X011	C	
Psychology of Adulthood and Aging	DEP X401 or DEP X402	C	
Workplace Communication with Computers	OST X335	C	
World Conflicts since 1900	WOH X040	C	

UEXCEL EXAMINATIONS

UEXCEL Credit-by-Examination program is developed jointly by Excelsior College and Pearson. Exams can be found online at: http://www.uexceltest.com/about-uexcel

Exam	Suggested Course Number (3 credits per exam unless otherwise noted)	Passing Score	Comments
Calculus	MAC X311[core] (4 credits)	C	
College Writing	ENC X101[core]	C	
Spanish Language	One semester of language credit at Elementary Language I level (min of 4 credits)	C	

FOR MORE INFORMATION

You can find more information about the different exam programs, including detailed descriptions of exams, current and historical grading scales and score information, at the following web sites:

Advanced Placement Program: http://apcentral.collegeboard.com/apc/Controller.jpf

Cambridge AICE: http://www.cie.org.uk/countries/usa

College-Level Examination Program: http://www.collegeboard.com/student/testing/clep/about.html

DANTES/DSST Examinations: http://www.getcollegecredit.com/

International Baccalaureate Program: http://www.ibo.org/

Excelsior Examination Program: https://www.excelsior.edu/Excelsior_College/Excelsior_College_Examinations

UEXCEL - http://www.uexceltest.com/exams-and-preparation/exams/

For further information about implementation of the credit-by-exam equivalencies, please contact:

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Please address any general questions or comments to:

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Tallahassee, Florida 32399