

## 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), DSST (DANTES), Defense Language Proficiency Test (DLPT), Excelsior College Exams, and College-Level Examination Program (CLEP) exams. The UEXCEL 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, DSST, DLPT, Excelsior, 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, DSST, DLPT, Excelsior, 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 <sup>core</sup> 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) AND OTHER EXAM PROGRAMS**

Institutions are **not** required to initially award credit for UEXCEL 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) 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\\_coursedes.pdf](http://apcentral.collegeboard.com/apc/public/repository/ap08_music_coursedes.pdf).

Exam	AP Exam Score of 3	AP Exam Score of 4	AP Exam Score of 5	Comments
Art History	ARH X000 <sup>core</sup> (min. 3 credits)	ARH X050 and X051 (min. 6 credits)	Same as 4	
Biology	BSC X005C <sup>core</sup> or BSC X005/X005L <sup>core</sup> (min. 4 credits)	BSC X010C <sup>core</sup> or BSC X010/X010L <sup>core</sup> (min. 4 credits)	BSC X010C <sup>core</sup> or BSC X010/X010L <sup>core</sup> and BSC X011C or BSC X011/X011L (min. 8 credits)	
Calculus AB	MAC X311 <sup>core</sup> (min. 4 credits)	Same as 3	Same as 3	
Calculus BC	MAC X311 <sup>core</sup> (min. 4 credits)	MAC X311 <sup>core</sup> and X312 (min. 8 credits)	Same as 4	The BC exam includes a <i>subscore</i> 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.
Capstone Research	IDS XXXX (min 3 credits)	Same as 3	Same as 3	Institutional discretion when applying equivalencies
Capstone Seminar	IDS 1350 (min of 3 credits)	Same as 3	Same as 3	
Chemistry	CHM X020C <sup>core</sup> or CHM X020 /X020L <sup>core</sup> (min. 4 credits)	CHM X045C <sup>core</sup> or CHM X045/X045L <sup>core</sup> or CHM X040/X045L (min. 4 credits)	CHM X045C <sup>core</sup> or CHM X045/X045L <sup>core</sup> and CHM X046 or X046/X046L (min. 8 credits)	

<b>Exam</b>	<b>AP Exam Score of 3</b>	<b>AP Exam Score of 4</b>	<b>AP Exam Score of 5</b>	<b>Comments</b>
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
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 <sup>core</sup> (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 <sup>core</sup> (min. 3 credits)	ENC X101 <sup>core</sup> and X102 (min. 6 credits)	Same as 4	Award min. 3 credits if ENC X101 already satisfied.
English Literature and Composition	ENC X101 <sup>core</sup> or course in AML, ENL, or LIT (min. 3 credits)	ENC X101 <sup>core</sup> 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	

<b>Exam</b>	<b>AP Exam Score of 3</b>	<b>AP Exam Score of 4</b>	<b>AP Exam Score of 5</b>	<b>Comments</b>
Government and Politics: United States	POS X041 <sup>core</sup> (min. 3 credits)	Same as 3	Same as 3	
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, <a href="http://apcentral.collegeboard.com/apc/public/repository/ap08_music_coursedesc.pdf">http://apcentral.collegeboard.com/apc/public/repository/ap08_music_coursedesc.pdf</a>
Physics 1	PHY X053C <sup>core</sup> or PHY X053/X053L <sup>core</sup> (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 <sup>core</sup> or PHY X053/X053L <sup>core</sup> (min. 4 credits)	PHY X053C <sup>core</sup> or X053/X053L <sup>core</sup> and PHY X054C or X054/X054L (min. 8 credits)	Same as 4	Exam discontinued in 2014

<b>Exam</b>	<b>AP Exam Score of 3</b>	<b>AP Exam Score of 4</b>	<b>AP Exam Score of 5</b>	<b>Comments</b>
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 <sup>core</sup> or PHY X053/X053L <sup>core</sup> (min. 4 credits)	PHY X048C <sup>core</sup> or PHY X048/X048L <sup>core</sup> (min. 4 credits)	Same as 4	
Psychology	PSY X012 <sup>core</sup> (min. 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 <sup>core</sup> (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 <sup>core</sup> (min. 6 credits)	Same as 4	
World History	WOH X022 (min. 3 credits)	Same as 3	Same as 3	

## 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 <sup>core</sup> or BSC X005/X005L <sup>core</sup>	BSC X005C <sup>core</sup> and BSC X010C <sup>core</sup> or BSC X005/X005L <sup>core</sup> and BSC X010/X010L <sup>core</sup>	
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 <sup>core</sup> or CHM X020/X020L <sup>core</sup>	CHM X020C <sup>core</sup> or CHM X20/X020L <sup>core</sup> and CHM X045C <sup>core</sup> or CHM X045/045L <sup>core</sup>	
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.

<b>Exam</b>	<b>IB Score of 4</b> <b>Minimum 3 credits per exam.</b>	<b>IB Score of 5-7</b> <b>Minimum 6 credits per exam. If courses listed do not equal 6 credits, institutions must give elective credit or assign own numbers</b>	<b>Comments</b>
Economics	ECO X000	ECO X013 <sup>core</sup> and ECO X023	
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 <sup>core</sup>	ENC X101 <sup>core</sup> 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	ENC X101 <sup>core</sup> (min 3 credits)	ENC X101 <sup>core</sup> and ENC X102 (min 6 credits)	
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 20 <sup>th</sup> -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.



<b>Exam</b>	<b>IB Score of 4</b> <b>Minimum 3 credits</b> <b>per exam.</b>	<b>IB Score of 5-7</b> <b>Minimum 6 credits per exam. If courses listed do</b> <b>not equal 6 credits, institutions must give elective</b> <b>credit or assign own numbers</b>	<b>Comments</b>
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 X130 or LAT XXXX	LAT X130 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 <sup>core</sup>	MAC X105 <sup>core</sup> and MAC X140 or MAC X140 and MAC X233	
Math Studies	MAT X033	MAT X033 and MGF X106 <sup>core</sup>	
Mathematics	MAC X147	MAC X147 and MAC X233 or MAC X233 and MAC X311 <sup>core</sup>	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 <sup>core</sup> (min. 3 credits)	PHI X010 <sup>core</sup> and additional Philosophy course (min. 6 credits)	
Physics	PHY X020C <sup>core</sup> or PHY X020/X020L <sup>core</sup>	PHY X020C <sup>core</sup> or PHY X020/X020 <sup>core</sup> 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.

<b>Exam</b>	<b>IB Score of 4</b>  <b>Minimum 3 credits per exam.</b>	<b>IB Score of 5-7</b>  <b>Minimum 6 credits per exam. If courses listed do not equal 6 credits, institutions must give elective credit or assign own numbers</b>	<b>Comments</b>
Psychology	PSY X012 <sup>core</sup>	PSY X012 <sup>core</sup> and additional course determined by institution.	
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 <sup>core</sup> or THE X020	THE X000 <sup>core</sup> 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.

## 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.jspf>

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](https://www.excelsior.edu/Excelsior_College/Excelsior_College_Examinations)

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

Defense Language Institute Foreign Language Center: <http://www.dliflc.edu/>

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

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