

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_coursedes.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 <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. |
| 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_coursedescribe.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 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 20 th -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 <i>Substance Abuse</i> |
| 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.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

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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