

6A-10.024 Articulation Between and Among Universities, Florida Colleges, and School Districts.

It is the intent of the Board of Governors in regulation and the State Board of Education in rule to facilitate articulation and seamless integration of the education system by agreeing to the provisions of this articulation agreement, pursuant to Section 1007.23, F.S. The authority to adopt and amend this rule aligns with the Constitutional power given the Board of Governors for the state university system and the statutory authority given the State Board of Education for the district school boards, the Florida College System, and the Department of Education.

(1) Each state university board of trustees, Florida College System board of trustees, and district school board shall plan and adopt policies and procedures to provide articulated programs so that students can proceed toward their educational objectives as rapidly as their circumstances permit.

(2) General education.

(a) Each state university and Florida College System institution shall establish a general education curriculum, which shall require thirty-six (36) semester hours of communication, mathematics, social sciences, humanities, and natural sciences for students working toward an associate in arts or baccalaureate degree.

(b) After a state university or Florida College System institution has published its general education curriculum, the integrity of that curriculum shall be recognized by the other public postsecondary institutions. Once a student has been certified by such an institution on the official transcript as having completed satisfactorily its prescribed general education curriculum, regardless of whether the associate in arts degree is conferred, no other public postsecondary institution to which he or she may transfer shall require any further such general education courses.

(c) If a student does not complete the general education curriculum prior to transfer, the general education requirement becomes the responsibility of the new institution, consistent with Section 1007.24, F.S.

(3) Associate in Arts (A.A.) Degree. Every associate in arts graduate of a Florida College System institution shall be granted admission to the upper division of a public postsecondary institution consistent with Section 1007.23, F.S. Admission to the student's preferred public postsecondary institution or program is not guaranteed. The associate in arts degree is defined in subsection 6A-14.030(3)(2), F.A.C., (The rule may be obtained from the Office of Articulation, Florida Department of Education, 325 West Gaines Street, Tallahassee, Florida 32399) which definition is incorporated by reference herein, and for purposes of this agreement, shall include:

(a) Completion of sixty (60) semester hours of college credit courses in an established program of study that includes a general education curriculum of thirty-six (36) semester hours of college credit in communication, mathematics, social sciences, humanities, and natural sciences and foreign language competence as described in Rule 6A-10.02412, F.A.C., (The rule may be obtained from the Office of Articulation, Florida Department of Education, 325 West Gaines Street, Tallahassee, Florida 32399), which is incorporated by reference herein. The sixty (60) semester hours that comprise a completed associate in arts degree shall be accepted in total upon transfer to an upper division program at another public postsecondary institution.

(b) Achievement of a cumulative grade point average of at least 2.0, provided that only the final grade received in courses repeated by the student shall be used in computing the average. The grade of "D" shall transfer and count toward the associate and baccalaureate degrees in the same way as "D" grades obtained by native students in the receiving public postsecondary institution. Whether courses with "D" grades in the major satisfy requirements in the major field may be decided by the receiving public postsecondary institution.

(c) Nothing herein shall prevent a postsecondary institution from denying admission or continued enrollment based on an applicant's past misconduct, both on or off campus, or when past actions have been found to disrupt or interfere with the orderly conduct, processes, functions or programs at any other postsecondary institution.

(4) Each student in an associate in arts program at a Florida College System institution must indicate a baccalaureate degree program at an institution of interest by the time the student earns thirty (30) semester hours. If the student indicates a program at a public postsecondary institution, the Florida College System institution in which the student is enrolled must inform the student of the common program prerequisites, pursuant to Section 1007.23(3), F.S.

(5) The award of additional credit after award of the associate in arts degree pursuant to Section 1007.25(9), F.S., does not exclude a student from the provision in subsection (3). However, students must maintain a cumulative grade point average of 2.0 or higher to qualify for guaranteed admission under subsection (3) of this rule.

(6) Associate in Science (A.S.) Degree. The associate in science degree is defined in subsection 6A-14.030(4)(3), F.A.C. (The rule may be obtained from the Office of Articulation, Florida Department of Education, 325 West Gaines Street, Tallahassee,

Florida 32399), which definition is incorporated by reference herein, (<http://www.flrules.org/Gateway/reference.asp?No=Ref-02357>), and for purposes of this agreement shall include:

(a) Completion of the minimum number of semester hours of college credit courses in an established program of study as required in subsection 6A-14.030(3), F.A.C.

(b) Completion of a minimum of fifteen (15) semester hours in the general education subject areas of communication, mathematics, social sciences, humanities, and natural sciences. English and mathematics courses must meet the requirements adopted by the State Board of Education in Rule 6A-10.030, F.A.C., and the Board of Governors Regulation 6.017. No physical education credit will be included in the general education block of credit.

(c) Courses taken as part of the associate in science degree to meet the general education requirements will transfer and apply toward the thirty-six (36) general education credit hours required for the baccalaureate degree. No additional general education credit hours can be required except to complete the total thirty-six (36) general education hours.

(d) Capstone Degree Articulation Agreement. A capstone agreement that is entered into by a specific public or private postsecondary institution provides for the acceptance of a specific associate in science degree from any Florida college and applies it as a block of credit toward a specified baccalaureate degree. The quality and content of the associate in science degree is respected as the technical component of the baccalaureate degree and the remainder of the program is designed to complete general education requirements and provide management skills to assist in job progression. Every associate in science degree graduate of a Florida College System institution program that articulates with a capstone degree program in a specific Florida public or private postsecondary institution shall be guaranteed admission to that program except for limited access programs and those requiring specific grades on particular courses for admission. All associate in science degree graduates who articulate under the capstone agreement shall be treated equally, regardless of the Florida College System institution from which they receive their degrees. The general education component of the associate in science degree shall be accepted in total as a portion of the general education requirement upon transfer to the capstone program in a specific Florida public or private postsecondary institution.

(e) Career Ladder Degree Articulation Agreement. The Career Ladder agreement integrates specific associate in science degree programs with identified baccalaureate degree programs statewide. Each associate in science degree program must meet specific requirements as prescribed in the agreement and public postsecondary institutions are required to honor the transfer of credit toward the specified baccalaureate degree. Graduates of a Florida College System institution associate in science degree program with an agreement that is documented and maintained by the Articulation Coordinating Committee shall be granted admission to a public postsecondary institution in the program designated to articulate with their degree, except for limited access programs and those requiring specific grades on particular courses for admission. Admission to the student's preferred public postsecondary institution is not guaranteed. Each State University System institution shall develop admissions criteria to ensure that associate in science degree students are evaluated on an equal basis with associate in arts degree graduates and native university students for admission into Career Ladder programs designated as limited access and those requiring specific grades on particular courses for admission.

(f) The statewide associate in science to baccalaureate degree program articulation agreements between public postsecondary institutions shall be documented and maintained by the Articulation Coordinating Committee. The Department of Education, in consultation with institutions, shall review periodically, as necessary, but no more than once a year, the provisions of the state articulation agreements and the prescribed curricula to ensure the continued effectiveness of the articulation between the A.S. and B.A./B.S. programs. Any recommendations for revisions to the state articulation agreements will be forwarded to the Articulation Coordinating Committee for review. The revisions may be approved after the Board of Governors and the State Board of Education make independent determinations that the recommended revisions are consistent with board policies.

(7) Applied Technology Diploma (A.T.D.). The A.T.D. consists of a course of study that is part of an associate in science (A.S.) or an associate in applied science degree (A.A.S.), is less than sixty (60) credit hours, is approximately fifty (50) percent of the technical component (non-general education), and leads to employment in a specific occupation. An A.T.D. program may consist of either clock hours or college credit.

(a) Students must have a high school diploma, a high school equivalency diploma, or a certificate of completion pursuant to Section 1003.433(2)(b), F.S.; to be admitted to an applied technology diploma program; home education students may be admitted pursuant to Section 1007.263, F.S. Within six (6) weeks of entry, students in applied technology diploma programs of 450 or more hours must be tested pursuant to Rule 6A-10.040, F.A.C., and, if below minimum standards for completion from the program as defined in the program standards document adopted in Rule 6A-6.0571, F.A.C., must receive remedial instruction. The minimum standards must be at least the equivalent of a score of ten (10) on all sections of any basic skills test approved in Rule 6A-10.040,

F.A.C. Students must successfully complete all remedial instruction before completing the A.T.D.

(b) Florida College System institutions may offer either college credit or clock hours toward the applied technology diploma. Career centers may offer only clock hours.

(c) All faculty providing instruction must have at least a baccalaureate degree or an associate degree with demonstrated competencies in the specific instructional program area as defined by the Southern Association of Colleges and Schools.

(d) The information related to the guaranteed transfer of credit between an applied technology diploma program and associate in science or an associate in applied science degree must be documented and maintained by the Articulation Coordinating Committee. The documentation shall include the following:

1. The total number of clock or credit hours within the program.
2. The associate in science or associate in applied science degree into which the applied technology diploma is guaranteed to transfer.
3. The number of college credit hours guaranteed to transfer.
4. An effective date.

(e) The transfer of the applied technology diploma to an associate in science or associate in applied science degree is guaranteed for a period of three (3) years following the date of the award of the applied technology diploma.

(f) Applied technology diploma students entering an associate degree program shall meet the admissions standards stipulated in Section 1007.263, F.S. Additional admissions requirements for limited access programs may be established by the Florida College System institution board of trustees.

(8) Credit by examination.

(a) For examination programs listed in Section 1007.27, F.S., a list of examinations, minimum scores for guaranteed transfer credit, maximum credits guaranteed to transfer, and recommended course equivalents shall be maintained by the Articulation Coordinating Committee and reviewed annually. The list is incorporated in the document Articulation Coordinating Committee Credit-by-Examination Equivalencies, Effective ~~September 2022~~ August 2024, which is herein incorporated by reference and located at (<http://www.flrules.org/Gateway/reference.asp?No=Ref-13401>). The list may be requested from the Office of Articulation, Florida Department of Education, 325 West Gaines Street, Tallahassee, Florida 32399.

(b) Transfer of credit by examination is guaranteed for up to forty-five (45) credits, provided that credit was awarded in accordance with the Articulation Coordinating Committee's recommended minimum scores and course equivalents.

(c) Transfer of examination credit over forty-five (45) credits is at the discretion of the receiving institution.

(d) Credit by examination may not duplicate credit from previous successfully completed postsecondary courses or examinations. Credit by examination shall be included in institution grade forgiveness policies.

(e) No grades or grade points shall be assigned for credit by examination.

(f) For all Advanced Placement (AP), International Baccalaureate (IB), Advanced International Certificate of Education (AICE), DANTES Subject Standardized Tests (DSST), Defense Language Proficiency Test (DLPT), College-Level Examination Program (CLEP) and UExcel (Excelsior College) examinations, credit must be awarded at a minimum in accordance with the credit-by-examinations equivalencies determined by the Articulation Coordinating Committee referenced in paragraph (8)(a) of this rule. The postsecondary institution shall determine the credit awarded for examinations completed prior to November 1, 2001, or examinations not included in the Articulation Coordinating Committee Credit-by-Examination Equivalencies.

(g) All credit by examination that is initially awarded based on Articulation Coordinating Committee (ACC) recommended minimum scores and maximum amount of credit is guaranteed to transfer and must be accepted by all public postsecondary institutions.

(h) Institutions may award credit for examinations that are not listed in this rule or that do not have recommended course equivalents, minimum scores, and maximum credits. Acceptance of transfer credit so awarded is at the discretion of the receiving institution.

(9) Limited access programs. Florida College System institution and state university transfer students shall have the same opportunity to enroll in baccalaureate limited access programs as native students. Baccalaureate limited access program selection and enrollment criteria shall be established and published in catalogs, counseling manuals, and other appropriate publications. A list of limited access programs shall be filed annually with the Articulation Coordinating Committee.

(10) A state university may accept non-associate in arts degree credit in transfer based on its evaluation of the applicability of the courses to the student's program at the university.

(11) State universities and Florida College System institutions shall publish with precision and clarity in their official catalogs the admission, course, and prerequisite requirements of the institution, each unit of the institution, each program, and each specialization. Any applicable duration of requirements shall be specified. The university or college catalog in effect at the time of a student's initial collegiate enrollment shall govern upper division prerequisites in the same manner as for native students at the same institution, provided the student maintains continuous enrollment as defined in that catalog unless otherwise specified.

(12) The Department and all public universities, Florida College System institutions, and school districts shall maintain the electronic exchange of student transcripts and associated educational records, including acquisition of and access to test scores of students in the standard format established by the ACC.

(13) All postsecondary courses offered for college credit, clock hours, or developmental education credit as they are defined in Rule ~~6A-14.030~~ ~~6A-10.033~~, F.A.C. (The rule may be obtained from the Office of Articulation, Florida Department of Education, 325 West Gaines Street, Tallahassee, Florida 32399), which definitions are incorporated by reference herein, shall be entered in the statewide course numbering system. Each course shall be assigned a single prefix and a single identifying number in the course numbering system.

(14) When a student transfers among postsecondary institutions that are fully accredited by a regional or national accrediting agency recognized by the United States Department of Education and that participate in the statewide course numbering system, the receiving institution shall award credit for courses satisfactorily completed at the previous participating institutions when the courses are judged by the appropriate common course designation and numbering system faculty task forces to be academically equivalent to courses offered at the receiving institution including equivalency of faculty credentials regardless of the public or nonpublic control of the previous institution. The award of credit may be limited to courses that are entered in the statewide course numbering system. Credit so awarded shall satisfy institutional requirements on the same basis as credits awarded to native students.

(15) Credit for Military Experience.

(a) The Credit or Clock Hour for Military Experience Equivalency List ("Equivalency List") contains a list of military courses, training, and occupations which have been evaluated to determine equivalency and alignment with courses taught in Florida's public colleges and career centers. The Equivalency List, Effective September 2022, is herein incorporated by reference and located at XXX). The list may be requested from the Office of Articulation, Florida Department of Education, 325 West Gaines Street, Tallahassee, Florida 32399. The list is divided into four sections, as follows:

1. Courses for Postsecondary Credit;
2. Courses for Postsecondary Clock Hour Credit;
3. Occupations for Postsecondary Credit; and
4. Occupations for Clock Hour Credit.

(b) Florida course numbers on the Equivalency List correspond to postsecondary courses on the Statewide Course Numbering System, described in Section 1007.24, F.S., or in the Career Education Curriculum Frameworks, described in Rule 6A-6.0571, F.A.C.

(c) Where the student's military course(s) or occupation(s) are found on the Equivalency List, a college institution or district career center must award a student credit in the corresponding postsecondary course when the student's record demonstrates that the student:

1. Earned the required passing score in a military course, or held the rank associated with the occupation, as found on the Equivalency List; and
2. Demonstrates the required skills listed on the Equivalency List.

(d) Where the student's military course(s) or occupation(s) are not found on the Equivalency List, a college institution or district career center must evaluate the student's experience using its policies and procedures for awarding military credit or clock hours. Such policies must include evaluation of military coursework to determine equivalency and alignment with postsecondary learning outcomes and course descriptions.

(e) When credits or clock hours are awarded for military experience under subsection (c) or (d) of this rule, credit must be awarded to the these types of courses in the following rank order:

1. First, general education courses;
2. Second, program-specific courses; and
3. Third, elective courses.

(e) Prior to application of college credit or clock hours to a student's transcript, the college or career center must document the

student's acceptance of the credit or clock hours.

Rulemaking Authority 1001.02(2)(n), 1007.23(1), 1007.25, 1007.27, 1004.096(1). FS. Law Implemented 1007.01(2), 1001.64(8)(a), 1007.23, 1007.25, 1007.27, 1004.096, FS. History—New 5-5-75, Amended 10-7-75, 6-8-76, 8-22-77, 12-26-77, 3-28-78, 5-10-78, 7-2-79, 2-27-80, 5-27-81, 1-6-83, 4-5-83, 6-28-83, 1-9-85, Formerly 6A-10.24, Amended 8-4-86, 5-18-88, 5-29-90, 7-30-91, 10-4-93, 5-3-94, 1-2-95, 9-30-96, 6-15-98, 12-13-99, 8-14-00, 10-15-01, 9-22-03, 12-18-05, 12-23-14, 3-23-16, 8-23-17, 6-19-18, 6-25-19, 10-27-20, 8-23-21.

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), UExcel (Excelsior College Exams), and College-Level Examination Program (CLEP) exams.

Public community colleges and universities in Florida are required to award the minimum recommended credit for AP, AICE, IB, DSST, DLPT, UExcel (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, UExcel (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 for guaranteed transfer. Credits earned through Credit by Exam that exceed 45 semester credit hours may be transferred at the discretion of the receiving institution.

- 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 a particular exam is not listed, award of credit is at the discretion of the institution. Institutions may not use course numbers that will automatically transfer. Acceptance of the credit will be at the discretion of the receiving institution.
- Institutions may not award credit for scores below those listed. Nor may they require scores higher than those indicated for the award of credit.
- 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*.

OTHER EXAM PROGRAMS

Excelsior College Exams are now administered under the UExcel program and appropriate credit shall be awarded.

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.

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. 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
2-D Art and Design	ART X201C (min. 3 credit)	Same as 3	Same as 3	Course/exam name change only; previously Studio Art: 2-D Design Portfolio
3-D Art and Design	ART X203C (min. 3 credit)	Same as 2	Same as 3	Course/exam name change only; previously Studio Art: 3-D Design Portfolio
Art History	ARH X000 ^{core} (min. 3 credits)	ARH X050 and X051 (min. 6 credits)	Same as 4	
Art History	ARH X000 ^{core} (min. 3 credits)	ARH X000 ^{core} and ARH X050 or X051 (min. 6 credits)	Same as 4	Effective for exams taken after 5/16/2018
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.

Exam	AP Exam Score of 3	AP Exam Score of 4	AP Exam Score of 5	Comments
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 ^{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
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
Computer Science Principles	COP X000 (min. 3 credits)	Same as 3	Same as 3	
Drawing	ART X300C (min. 3 credits)	Same as 3	Same as 3	Previously Studio Art: Drawing Portfolio
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.

Exam	AP Exam Score of 3	AP Exam Score of 4	AP Exam Score of 5	Comments
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	
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

Exam	AP Exam Score of 3	AP Exam Score of 4	AP Exam Score of 5	Comments
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	
Psychology	PSY X012 ^{core} (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 ^{core} (min. 3 credits)	Same as 3	Same as 3	
United States History	AMH X000 (min. 3 credits)	AMH X010 and X020 ^{core} (min. 6 credits)	Same as 4	
World History: Modern	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.” AS-Level courses are comprised of curriculum lasting one academic year. A-Level courses encompass all AS-Level curriculum as well as additional topics. A-Level coursework is completed over two academic years. 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)	
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 (AS-Level)	No number recommendation (min. 3 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)	

Exam	Passing Score of “A”, ”B”, “C”, “D”, “E” (grades are not based on the American “A” – “F” grading scale)	Comments
Computing (AS-Level)	CGS X073 (min. 3 credits)	CGS X073 is a unique number for this exam.
Computing (A-Level)	CGS X073 and CGS X074 (min. 6 credits)	CGS X073 and CGS X074 are unique numbers for this exam
Computer Science (AS-Level)	COP X000 (min. 3 credits)	
Computer Science (A-Level)	COP X000 and COP X220 (min. 6 credits)	
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)	
Divinity (AS-Level)	REL X210 (min. 3 credits)	
Divinity (A-Level)	REL X210 and REL X240 (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 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)	
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)	

Exam	Passing Score of “A”, ”B”, “C”, “D”, “E” (grades are not based on the American “A” – “F” grading scale)	Comments
Further Mathematics (A-Level)	MAC X311 ^{core} and MAC X312 or STA X023 ^{core} (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)	
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
History, US History, c.1840-1941 (AS-Level)	AMH X029 (3 credits)	AMH X029 is unique to this exam.
History, US History, c.1840-1990 (A-Level)	AMH X029 and AMH X020 ^{core} (6 credits)	AMH X029 is unique to this exam.
History, European History, c.1789- 1917 (AS-Level)	EUH X031 (3 credits)	
History, European History, c.1789- 1941 (A-Level)	EUH X031 and EUH XXXX (6 credits)	Institutional discretion when applying equivalencies.

Exam	Passing Score of “A”, ”B”, “C”, “D”, “E” (grades are not based on the American “A” – “F” grading scale)	Comments
History, International Relations/History, c.1871-1945 (AS-Level)	WOH X040 (3 credits)	
History, International Relations/History, c.1871-1991 (A-Level)	WOH X040 and WOH X043 (6 credits)	
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 ^{core} or PHY X053/X053L ^{core} 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)	

Exam	Passing Score of “A”, ”B”, “C”, “D”, “E” (grades are not based on the American “A” – “F” grading scale)	Comments
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)	
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. 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)	
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.

Exam	Scale Score of 50 for Passing	Comments
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 Colonization to 1877	AMH X010 (min. 3 credits)	
History of the United States II: 1865 to Present	AMH X020 ^{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)	
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.
Spanish with Writing	On Level I Spanish with Writing exam- one semester of Elementary Language I (min. 3 credits)	On Level 2 Spanish with Writing exam- score of 65 earns a minimum of two semesters of Elementary Language I and II (min. 6 credits). No literature credit.

Exam	Scale Score of 50 for Passing	Comments
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 (SL) and Higher Level (HL) versions, which are taught over two academic years and 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. 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}	
Biology (SL)	BSC X005C ^{core} or BSC X005/X005L ^{core}	BSC X005C ^{core} or BSC X005/X005L ^{core}	Effective for exams taken after 09/23/2020
Biology (HL)	BSC X005C ^{core} and BSC X010C ^{core} or BSC X005/X005L ^{core} and BSC X010/X010L ^{core}	BSC X005C ^{core} and BSC X010C ^{core} or BSC X005/X005L ^{core} and BSC X010/X010L ^{core}	Effective for exams taken after 09/23/2020
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}	

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
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	
Ecosystems and Societies	EVR X017 or EVR X018	EVR X017 or EVR X018 and other Interdisciplinary Science or Environmental Studies course determined by institution	
Environmental Systems and Societies (SL)	EVR X001 ^{core} or EVR X002 (3 credits)	Same as 4	Effective for exams taken after 5/16/2018
English A1	ENC X101 ^{core}	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	ENC X101 ^{core} (min 3 credits)	ENC X101 ^{core} 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.
Further Math	MHF X191 or MHF X202	MHF X191 and MHF X202 or MHF X209	Effective for exams taken after 09/23/2020

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
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
Global Politics (SL)	INR X002	Same as 4	
Global Politics (HL)	INR X002	INR X002 and additional politics/government course (min 6 credits)	
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.
History (SL)	WOH X030	Same as 4	Effective for exams taken after 5/16/2018
History (HL): History of Africa and the Middle East	WOH X030	WOH X030 and WOH X031	Effective for exams taken after 5/16/2018
History (HL): History of the Americas	WOH X030	WOH X030 and AMH X010 or AMH X020 ^{core}	Effective for exams taken after 5/16/2018
History (HL): History of Asia and Oceania	WOH X030	WOH X030 and WOH X031	Effective for exams taken after 5/16/2018
History (HL): History of Europe	WOH X030	WOH X030 and WOH X031	Effective for exams taken after 5/16/2018
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)	

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
Latin	LAT X130 or LAT XXXX	LAT X130 and LAT XXXX or LNW XXXX	
Literature and Performance (SL)	THE X300 (min. 3 credits)	Same as 4	
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 Analysis and Approaches (SL)	MAC X105 ^{core}	MAC X105 ^{core} and MAC X140	
Math Analysis and Approaches (HL)	MAC X105 ^{core}	MAC X105 ^{core} and MAC X311 ^{core} or MAC X140 or MAC X147	
Math Applications and Interpretations (SL)	MAC X105 ^{core}	MAC X105 ^{core} and MAC X140	
Math Applications and Interpretations (HL)	MAC X140	MAC X140 and MAC X147 or STA X023 ^{core}	
Math Methods	MAC X105 ^{core}	MAC X105 ^{core} and MAC X140 or MAC X140 and MAC X233	Exam discontinued
Mathematical Studies	MAT X033	MAT X033 and MGF X106 ^{core}	
Mathematical Studies (SL)	MAC X105 ^{core}	Same as 4	Effective for exams taken after 5/16/2018
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 ^{core} (3 credits)	MUL X010 ^{core} 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)	

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
Physics	PHY X020C ^{core} or PHY X020/X020L ^{core}	PHY X020C ^{core} or PHY X020/X020 ^{core} and PHY X009 or PHY X053C ^{core} or PHY X053/X053L ^{core} and PHY X054C or PHY X054/X054L	PHY X009 is a unique number for this exam.
Physics (SL)	PHY X020C ^{core} or PHY X020/X020L ^{core}	PHY X020C ^{core} or PHY X020/X020L ^{core}	Effective for exams taken after 09/23/2020
Physics (HL)	PHY X020C ^{core} or PHY X020/X020 ^{core} and PHY X053C ^{core} or PHY X053/X053L ^{core} or PHY X053C ^{core} or PHY X053/X053L ^{core} and PHY X054C or PHY X054/X054L	PHY X020C ^{core} or PHY X020/X020 ^{core} and PHY X053C ^{core} or PHY X053/X053L ^{core} or PHY X053C ^{core} or PHY X053/X053L ^{core} and PHY X054C or PHY X054/X054L	Effective for exams taken after 09/23/2020
Psychology	PSY X012 ^{core}	PSY X012 ^{core} 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 ^{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.
Theatre (SL)	THE X000 ^{core} or THE X020	Same as 4	Effective for exams taken after 5/16/2018

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
Theatre (HL)	THE X000 ^{core} or THE X020	THE X000 ^{core} or THE X020 and one semester (min. 3 credits) credit in THE, TPA, or TPP 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. Effective for exams taken after 5/16/2018
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.
World Religions (SL)	REL X300 (min. 3 credits)	Same as 4	

DSST EXAMINATION PROGRAM

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 ^{core}	48	400	
Business Ethics and Society	GEB X441	400	400	
Business Law II	BUL X242	44		Discontinued 12/31/2014
Business Mathematics	QMB X001	48	400	
Computing and Information Technology	CGS X000 or CGS X060	45	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	
Environmental Science (Formerly Environment and Humanity)	EVR X002 or ISC X003	400	N/A	Effective for exams taken after 5/16/2018
Ethics in America	PHI X630	46	400	
Foundations of Education	EDF X002	46	400	
Fundamentals of College Algebra	MAT X033	47	400	
Fundamentals of College Algebra	MAC X105 ^{core}		400	Effective for exams taken after 5/16/2018
Fundamentals of Counseling	PCO X202	45	400	
Fundamentals of Cyber Security	CIS X350 or CIS X354		400	
General Anthropology	ANT X000 ^{core}	47	400	
Here's to Your Health	HSC X100 or HSC X101	48	400	
History of the Soviet Union	EUH X066	45	400	
Human Resources Management	MAN X300	46	400	
Human/Cultural Geography	GEO X400	48	400	
Introduction to Business	GEB X001 or GEB X011	46	400	

Exam	Suggested Course Number (3 credits per exam)	Passing Score	Passing Score 2008 Revised Exams	Comments
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	
Lifespan Developmental Psychology	DEP X004	46	400	
Math for Liberal Arts	MGF X106 ^{core}		400	
Management Information Systems	ISM X000 or ISM X004	46	400	
Money and Banking	BAN X501	48	400	
Organizational Behavior	INP X002	48	400	
Personal Finance	FIN X100	46	400	
Physical Geology	GLY X000	46		Discontinued 12/31/2014
Principles of Advanced English	ENC X101 ^{core}		400	
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	MAN X124 or MNA X345	46	400	
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

UExcel Examinations

UExcel Examinations; 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. UExcel (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). Excelsior College will no longer offer UExcel examinations after August 21, 2022. Credit should be awarded as listed below for exams completed prior to the discontinuation of this program. More detailed information about Excelsior College Examinations can be found on-line at <https://www.excelsior.edu/exams/uexcel-home>.

Exam	Suggested Course Number (3 credits per exam)	Passing Score	Comments
Abnormal Psychology	CLP X140	C	
Anatomy and Physiology	BSCX084 or BSCX092	C	No lab credit.
Calculus	MAC X311 ^{core} (4 credits)	C	
College Writing	ENC X101 ^{core}	C	
Contemporary Mathematics	MGF X106 ^{core}	C	
Earth Science	ESC X000 ^{core} or GLY X000	C	
Earth Science	ESC X000 ^{core}	C	Effective for exams taken after 5/16/2018
English Composition	ENC X101 ^{core} or ENC X102	C	
Ethics: Theory and Practice	PHI X630	C	
General Chemistry I	CHM X020 ^{core}	C	No lab credit
Foundations of Gerontology	GEY X000	C	
Human Resources Management	MAN X300	C	
Introduction to Computer Programming Using Java	COPX250	C	
Introduction to Macroeconomics	ECO X013 ^{core}	C	
Introduction to Music	MUH X011	C	
Introduction to Music	MUL X010 ^{core}	C	Effective for exams taken after 05/22/2019
Introduction to Philosophy	PHI X010 ^{core}	C	
Introduction to Sociology	SYG X000 ^{core}	C	
Juvenile Delinquency	CCJ X500	C	
Labor Relations	MAN X400	C	
Life Span Developmental Psychology	DEP X004	C	
Managerial Accounting	ACG X071	C	

Exam	Suggested Course Number (3 credits per exam)	Passing Score	Comments
Microbiology	MCB X000 (lecture only)	C	
Physics	PHY X020 ^{core}	C	No lab credit
Political Science	POSX001	C	
Precalculus Algebra	MAC X105 ^{core}	C	
Principles of Marketing	MAR X011	C	
Psychology of Adulthood and Aging	DEP X401 or DEP X402	C	
Spanish Language	One semester of language credit at Elementary Language I level (min of 4 credits)	C	
Statistics	STA X023 ^{core}	C	
Weather & Climate	MET X010	C	
Workplace Communication with Computers	OST X335	C	
World Conflicts since 1900	WOH X040	C	

Defense Language Proficiency Test (DLPT)

As part of the Army Training and Doctrine Command, the Defense Language Institute Foreign Language Center provides resident instruction at the Presidio of Monterey in two dozen languages, five days a week, seven hours per day, with two to three hours of homework each night. Courses last from 26 to 64 weeks, depending on the difficulty of the language. DLIFLC is a multi-service school for active and reserve components, foreign military students, and civilian personnel working in the federal government and various law enforcement agencies. To attend DLIFLC one must be a member of the Armed Forces or be sponsored by a government agency. DLIFLC students are taught by approximately 1,800 highly educated instructors, 98 percent of whom are native speakers of the languages they teach. Aside from classroom instruction, faculty also write course materials, design tests called the Defense Language Proficiency Test, and conduct research and analysis.

Exam	Passing Score 3-3+	Passing Score 4-5	Comments
Albanian	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Arabic (Algerian)	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Arabic (MSA)	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Arabic (Saudi)	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Arabic (Sudanese)	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Arabic (Yemeni)	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Azerbaijani	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Cantonese	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Cebuano	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Chavacano	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Chinese Mandarin	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Dari-Afghan	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
French	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	

German	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Greek	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Haitian Creole	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Hebrew	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Hindi	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Indonesian	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Japanese	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Korean	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Kurdish (Sorani)	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Norwegian	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Pashto-Afghan	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Persian (Farsi/Urdu)	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Portuguese	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Punjabi	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Russian	One semester elementary and one semester intermediate language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Serbian/Croatian	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Somali	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Spanish	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Swahili	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	

Tagalog	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Tausug	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Turkish	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Urdu	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Uzbek	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Vietnamese	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	
Yoruba	Two semesters of elementary language (min. 6 credits)	Two semesters of elementary language and one semester of intermediate language (min. 9 credits)	

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/>

UEXCEL (Excelsior College Examination Program): <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:

Office of Articulation
850-245-0427
Articulation@fldoe.org

Ms. Lynda Page
Board of Governors
850-245-9693
Lynda.Page@flbog.org

Dr. Mike Sfiropoulos
Division of Florida Colleges
850-245-9523
Mike.Sfiropoulos@fldoe.org

Please address any general questions or comments to:

Articulation Coordinating Committee
Florida Department of Education
325 West Gaines Street, Suite 1244
Tallahassee, Florida 32399

Credit or Clock Hour for Military Experience Equivalency List

Section (s.) 1004.096, Florida Statutes, requires that the Articulation Coordinating Committee (ACC) “shall approve a prioritized list of postsecondary course equivalencies and the minimum postsecondary credit or career education clock hours that must be awarded for courses taken and occupations held by individuals during their service in the military.” In compliance with the Articulation Coordinating Committee Policy Regarding the Evaluation and Awarding of Postsecondary Credit for Prior Military Training, Courses and Occupations, and s. 1004.096(f), F.S., State University System (SUS) institutions, Florida College System (FCS) institutions, and career centers must award postsecondary credit, or career education clock hours, for courses taken and occupations held by military service members based on the list adopted by the Board of Governors and the State Board of Education if the credit or clock hours are applicable toward the student’s degree or certificate.

This list was compiled from subject area discipline committees made up of content experts from our SUS institutions, FCS institutions, and Career Centers. The Course(s) Award column contains equivalencies gathered from a majority vote through survey submission.

- Institutions may award additional postsecondary credit or career education clock hours, if appropriate.
- Institutions must use the course number listed, unless it would be advantageous to 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 or clock hours that are awarded for the course.

Credit or Clock Hour for Military Experience Equivalency List

ACE Course/ Occupation ID	ACE Course/ Occupation Title	Passing Score/ Rank	Minimum Credit Hours to be Awarded	Equiva lent Clock Hours	ACE Recommended Credit Distribution by Discipline	Aligned Credit Hour Courses	Aligned Clock Hour Courses	Skills Required to be Demonstrated Prior to Award of Credit or Clock Hours
AR-0419-0061	Transportation Management Coordinator	70	7	210	Transportation Management (3 credit hours) Logistics and Supply Chain Management (3 credit hours) Logistics Information Systems (1 credit)	MANX593 TRAX010 TRAX154	No clock hour courses identified	
AR-0702-0023	Medical Laboratory Specialist	75	16	480	Medical Laboratory Technician Practicum I Medical (8 credit hours) Laboratory Technician Practicum II (8 credit hours)	MLSX001 MLSX002 MEAX256 MLSX003	MEA0254/025 4L MEA0573	
AR-0702-0030	Structured Self Development (SSD-1)	70	3	90	Supervision (3 credit hours)	MANX345	MAN0001	
AR-0702-0032	Structured Self Development (SSD) IV	70	3	90	Organizational Leadership (3 credit hours)	INPX313 LDRX010 MSLX301	No clock hour courses identified	
AR-0702-0037	Structured Self Development (SSD- 11)	70	3	90	Introduction to Management (3 credit hours)	MANX022	No clock hour courses identified	
AR-0703-0036	Practical Nurse	76	24	720	Applied Leadership and Group Dynamics (3 credit hours) Practical Nursing Care of Obstetrics (6 credit hours) Practical Nursing within Community Settings (6 credit hours) Freshman Seminar/First-Year Experience (2 credit hours) Introduction to Professional Nursing (3 credit hours) Introduction to Emergency Care (4 credit hours)	SLSX261 LDRX010 NURX000 NURX421 NURX274 NURX634 NURX635	PRN000 PRN001 PRN0098 PRN0063 PRN0023 PRN0080	
AR-0703-0037	Practical Nurse	76	10	300	Practical Nursing Skills (4 credit hours) Fundamentals of Nursing (3 credit hours) Anatomy and Physiology with Applied Nutrition (3 credit hours)	BSCX085 HUNX010 NURX110 NURX052	PRN0001/000 1L PRN0023 PRN0080	

Credit or Clock Hour for Military Experience Equivalency List

ACE Course/ Occupation ID	ACE Course/ Occupation Title	Passing Score/ Rank	Minimum Credit Hours to be Awarded	Equival ent Clock Hours	ACE Recommended Credit Distribution by Discipline	Aligned Credit Hour Courses	Aligned Clock Hour Courses	Skills Required to be Demonstrated Prior to Award of Credit or Clock Hours
AR-0709-0065	Combat Medic Specialist	70	29	870	Foundations of Emergency Medical Technician (4 credit hours) Medical emergencies (3 credit hours) EMT Special Populations, Operations and Basic Skills Preparation (3 credit hours) Advanced Pre-Hospital Trauma (4 credit hours) Advanced EMS Operations (4 credit hours) Emergency preparedness (4 credit hours) Fundamentals of Nursing (7 credit hours)	EMSX602/X602L EMSX055 EMSX158 NURX000 NURX020 NURX025 DSCX033 NURX296 EMSX682 EMSX059/X059L EMSX614/X614L	FFP0142 EMS0110	
AR-0801-0036	Special Operations Combat Medic (SOCM)	75	32	960	Emergency Medical Technician Basic (7 credit hours) Emergency Medical Technician Advanced (7 credit hours) Anatomy and physiology (4 credit hours) Paramedic Critical Care (7 credit hours) Physical Assessment (4 credit hours) Pharmacology (3 credit hours)	EMSX522 NURX145 EMSX346 EMSX623 EMSX158 EMSX551 EMSX682 BSCX085/X085L BSCX086/X086L NURX039 NURX060 NURX067	EMS0110 BSC0070	
AR-1403-0007	Administrative Specialist	N/A	3	90	Typing (3 credit hours)	No credit hour courses identified	OTA0100 OTA0101	
AR-1404-0006	Signal Officer Basic	N/A	3	90	Business Management and Organization (3 credit hours)	MANX020	No clock hour courses identified	

Credit or Clock Hour for Military Experience Equivalency List

ACE Course/ Occupation ID	ACE Course/ Occupation Title	Passing Score/ Rank	Minimum Credit Hours to be Awarded	Equiva lent Clock Hours	ACE Recommended Credit Distribution by Discipline	Aligned Credit Hour Courses	Aligned Clock Hour Courses	Skills Required to be Demonstrated Prior to Award of Credit or Clock Hours
AR-1405-0238	Automated Logistical Specialist	80	6	180	Inventory Management (3 credit hours) Supply Chain Management Information Systems (3 credit hours)	MANX500 MANX505 MAN X507	No clock hour courses identified	
AR-1406-0103	Army Recruiter	80	6	180	Sales Management (3 credit hours) Staffing and Recruitment (3 credit hours)	MANX361	No clock hour courses identified	
AR-1406-0252	Human Resources Specialist	70	9	270	Human Resources Administration (3 credit hours) Human Resources Information Systems (3 credit hours) Office Administration (3 credit hours)	MANX202 MANX300 MANX304 MANX202 MANX322 OSTX401 OSTX854	No clock hour courses identified	
AR-1715-0672	Microwave Systems Operator-Maintainer	N/A	9	270	AC/DC Electronics (3 credit hours) Radio Systems Troubleshooting (3 credit hours) Radio Communications (3 credit hours)	ETEX434 AMTX262	EEV0360 ACR0100	
AR-1723-0012	Metalworker	N/A	6	180	Basic Metals Processing (3 credit hours) Metal Bonding Techniques and Practice (3 credit hours)	No credit hour courses identified	PMT0070 ARR0292	Prior to award of credit: Student must be able to demonstrate Shielded Arc Metal Welding (SMAW) and GMAW in positions on plain carbon steel and make single "V" groove welds, all positions (visual inspection criteria, using current and applicable welding industry codes) on plain carbon steel with backing. Student must explain and apply safety precautions; metal welding, cutting, and joining related to the automotive industry.

Credit or Clock Hour for Military Experience Equivalency List

ACE Course/ Occupation ID	ACE Course/ Occupation Title	Passing Score/ Rank	Minimum Credit Hours to be Awarded	Equiva lent Clock Hours	ACE Recommended Credit Distribution by Discipline	Aligned Credit Hour Courses	Aligned Clock Hour Courses	Skills Required to be Demonstrated Prior to Award of Credit or Clock Hours
AR-1723-0024	Metal Worker	N/A	3	90	ARC Welding (3 credit hours)	No credit hour courses identified	PMT0080	Prior to award of credit: Student must be able to demonstrate Shielded Arc Metal Welding (SMAW), FCAW, GMAW and GTAW in all positions 1F – 4F on plain carbon steel.
AR-1728-0167	Basic Military Police	100	3	90	Medical Emergency First Responder (3 credit hours)	No credit hour courses identified	EMSX159 FFP0142	
AR-1729-0041	Culinary Specialist	80	6	180	Introduction to Cooking (3 credit hours) Introduction to Baking (3 credit hours)	FSSX050 FSSX246	HMV0171 HMV0180	
AR-2201- 0552	Infantryman	70	6	180	First Aid and Cardiopulmonary Resuscitation (3 credit hours) Safety (3 credit hours)	FFPX109 ETPX104 HSCX400	No clock hour courses identified	
AR-2201-0578	Indirect Fire Infantryman	70	9	270	First Aid and Cardiopulmonary Resuscitation (3 credit hours) Human Health and Disease Prevention (3 credit hours) Safety (3 credit hours)	ETIX700 ETIX710 FFPX109 HSCX231 NSPX667 HSCX400 ETPX104	No clock hour courses identified	

Credit or Clock Hour for Military Experience Equivalency List

ACE Course/ Occupation ID	ACE Course/ Occupation Title	Passing Score/ Rank	Minimum Credit Hours to be Awarded	Equival ent Clock Hours	ACE Recommended Credit Distribution by Discipline	Aligned Credit Hour Courses	Aligned Clock Hour Courses	Skills Required to be Demonstrated Prior to Award of Credit or Clock Hours
CG-1710-0014	Damage Controlman 'A' School (DC-A)	100	6	180	Electric ARC Welding (3 credit hours) Oxyacetylene Welding (3 credit hours)	No credit hour courses identified	PMT0070 PMT0072 PMT0070 PMT0111	<p>Prior to award of credit: Student must be able to demonstrate Shielded Arc Metal Welding (SMAW) and GMAW in positions 1F – 4F on plain carbon steel and make single “V” groove welds, all positions (visual inspection criteria, using current and applicable welding industry codes) on plain carbon steel with backing. Perform 3G limited thickness qualification (bend) tests on plain carbon steel plate (using current and applicable welding industry codes).</p> <p>Prior to award of credit: Student must explain and apply external inspections of OFC equipment and accessories. Set up manual OFC operations for plain carbon steel. Operate manual oxy-fuel cutting equipment. Perform straight cutting operations using manual oxy-fuel cutting process on plain carbon steel.</p>
CG-1710-0017	Steel Welding	100	2	60	Shielded Metal Arc Welding (2 credit hours)	No credit hour courses identified	PMT0070	Prior to award of credit: Student must be able to demonstrate Shielded Arc Metal Welding in positions 1F – 4F, perform non-destructive testing and examination skills before performing welding lab assignments.
DD-1512-0003	Equal Opportunity Advisor (EOAC)	70	9	270	Equal Opportunity Administration (3 credit hours) Human Resource Management (3 credit hours) Race and Ethnic Relations (3 credit hours)	MANX113 MANX342 MANX611	No clock hour courses identified	
MC-0501-0004	Corporals	80	3	90	Leadership (3 credit hours)	LDRX010	No clock hour courses identified	

Credit or Clock Hour for Military Experience Equivalency List

ACE Course/ Occupation ID	ACE Course/ Occupation Title	Passing Score/ Rank	Minimum Credit Hours to be Awarded	Equiva lent Clock Hours	ACE Recommended Credit Distribution by Discipline	Aligned Credit Hour Courses	Aligned Clock Hour Courses	Skills Required to be Demonstrated Prior to Award of Credit or Clock Hours
MC-1402-0095	Administrative Specialist	85	3	90	Business Communications (3 credit hours)	GEBX214 OSTX336	No clock hour courses identified	
MC-1405-0031	Basic Manpower Officer (BMOC)	80	6	180	Business Communications (3 credit hours) Business Administration (3 credit hours)	GEBX210 GEBX214 MANX202	No clock hour courses identified	
MC-1723-0009	Basic Metal Worker	N/A	3	90	Sheet Metal Welding (3 credit hours)	No credit hour courses identified	PMT0071 PMT0072	Prior to award of credit: Student must be able to demonstrate Shielded Arc Metal Welding in positions 1F – 4F, perform non-destructive testing and examination skills before performing welding lab assignments.
MC-2204-0103	5-13 Sergeants	80	6	180	Leadership Principals (3 credit hours) Human Resource Management (3 credit hours)	LDRX001 MANX300	MAN0001	
NER-CS-001	Culinary Specialist	CSC	24	720	Advanced Culinary Techniques (3 credit hours) Food Service Internship (3 credit hours) Quantity Food Preparation (3 credit hours) Dining Room Service and Menu Planning (3 credit hours) Food Service Sanitation and Safety (3 credit hours) Field Experience in Hospitality Management (3 credit hours) Food and Beverage Accounting (3 credit hours) Sanitation and Safety (3 credit hours)	FSSX206 FSSX231 FSSX312 HFTX212 HFTX214 HFTX806 HFTX940-X949 FSSX940-X949	FSS0236 HMV0110 FSSX940-X949	3 lower level credits in Food Service Internship 3 upper level credits in Hospitality Management
NER-CS-001	Culinary Specialist	CSCM	24	720	Advanced Culinary Techniques (3 credit hours) Food Service Internship (3 credit hours) Quantity Food Preparation (3 credit hours) Dining Room Service and Menu Planning (3 credit hours) Food Service Sanitation and Safety (3 credit hours) Field Experience in Hospitality Management (3 credit hours) Food and Beverage Accounting (3 credit hours) Sanitation and Safety (3 credit hours)	FSSX206 FSSX231 FSSX312 FSSX120 HFTX251 HFTX212 HFTX214 HFTX850 HFTX940-X949 FSSX940-X949	FSS0236 HMV0110 FSSX940-X949	3 lower level credits in Food Service Internship 3 upper level credits in Hospitality Management

Credit or Clock Hour for Military Experience Equivalency List

ACE Course/ Occupation ID	ACE Course/ Occupation Title	Passing Score/ Rank	Minimum Credit Hours to be Awarded	Equiva lent Clock Hours	ACE Recommended Credit Distribution by Discipline	Aligned Credit Hour Courses	Aligned Clock Hour Courses	Skills Required to be Demonstrated Prior to Award of Credit or Clock Hours
NER-CS-001	Culinary Specialist	CS2	9	270	Advanced Culinary Techniques (3 credit hours) Food Service Internship (3 credit hours) Quantity Food Preparation (3 credit hours)	HFTX231 FSSX206 FSSX940-X949	FSS0236 FSSX940-X949	3 lower level credits in Food Service Internship
NER-CS-001	Culinary Specialist	CS1	14	420	Advanced Culinary Techniques (3 credit hours) Food Service Internship (3 credit hours) Quantity Food Preparation (3 credit hours) Dining Room Service and Menu Planning (3 credit hours) Food Service Sanitation and Safety (2 credit hours)	HFTX212 HFTX231 HFTX314 HFTX814 HFTX850 HFTX940-X949	FSS0236 FSSX940-X949	3 lower level credits in Food Service Internship
NER-CS-001	Culinary Specialist	CS3	3	90	Quantity Food Preparation (3 credit hours)	FSSX206	No clock hour courses identified	
NV-1606-0077	Operations Specialist 'A' School	75	3	90	Radar Observer (3 credit hours)	ATTX821	No clock hour courses identified	
NV-1606-0102	Army Engineer Diver (Army Second Class Diver)	N/A	6	180	Work Diving Technology (3 credit hours) Underwater Construction Technology (3 credit hours)	EOCX660 PEQX130	No clock hour courses identified	
NV-1704-0326	Aviation Support Equipment Technician Class A1	70	12	360	Electromechanical System Maintenance (3 credit hours) Electric Generator Plant Maintenance (3 credit hours) Electric Power Distribution (3 credit hours) Basic Electricity and Electronics (3 credit hours)	EETX180 EETX515 ETIX451 ETPX231 ETPX040 ETPX240	No clock hour courses identified	
NV-1704-0464	Aviation Structural Mechanic	70	4	120	Sheet Metal Fabrication (4 credit hours)	No credit hour courses identified	AMT0130 AMT0140	Prior to award of credit: Student must explain and apply safety precautions; metal welding, fastening, cutting, and joining related to the aircraft/aerospace industry.

Credit or Clock Hour for Military Experience Equivalency List

ACE Course/ Occupation ID	ACE Course/ Occupation Title	Passing Score/ Rank	Minimum Credit Hours to be Awarded	Equiva nt Clock Hours	ACE Recommended Credit Distribution by Discipline	Aligned Credit Hour Courses	Aligned Clock Hour Courses	Skills Required to be Demonstrated Prior to Award of Credit or Clock Hours
NV-1710-0114	Nuclear Propulsion Plant Operators Welding	70	4	120	Welding Processes Laboratory (4 credit hours)	No credit hour courses identified	PMT0070 PMT0071 PMT0080 PMT0081	Prior to award of credit: Student must be able to demonstrate Shielded Arc Metal Welding (SMAW), FCAW, GMAW and GTAW in all positions 1F – 4F on plain carbon steel. Perform 3G limited thickness qualification (bend) tests on plain carbon steel plate (using current and applicable welding industry codes).
NV-1715-1736	Nuclear Field 'A' School (Electronics Technician)	63	6	180	AC Electricity with Lab (3 credit hours) Semiconductor Fundamentals with Lab (3 credit hours)	EEEX351 EELX111/X111L	EER0212 EEV0360	
NV-1715-1816	Avionics Electronics Technician (Intermediate Level) AT (I) Class A1	70	9	270	Semiconductor Devices (3 credit hours) Digital Logic Fundamentals (3 credit hours) Introduction to Radar System (3 credit hours)	EETX084 EEEX550 EETX336 EETX140	No clock hour courses identified	
NV-1715-2134	Electronics Technician (ET) 'A'	75	10	300	Electronic Systems Troubleshooting and Repair (3 credit hours) Radar Systems (4 credit hours) Radar Systems Troubleshooting and Maintenance (3 credit hours)	AMTX231 EETX180 EEEX550 EETX336	No clock hour courses identified	
NV-1715-2136	Basic Engineering Common Core (BECC)	N/A	3	90	Introduction to Mechanical Systems (3 credit hours)	ETIX501	ACR0000	
NV-1715-2386	Fire Controlman Combined 'A' School (Block O)	75	20	600	DC Circuits (3 credit hours) AC Circuits (3 credit hours) Solid State Electronic Circuits (3 credit hours) Digital Circuits (3 credit hours) Radar Systems (3 credit hours) Electronic Systems Troubleshooting (3 credit hours) DC Circuits Laboratory (1 credit hour) AC Circuits Laboratory (1 credit hour)	ETEX434 EETX180 EEEX550 EETX336 EETX101	ACR0100 EEV0360 EER0212	

Credit or Clock Hour for Military Experience Equivalency List

ACE Course/ Occupation ID	ACE Course/ Occupation Title	Passing Score/ Rank	Minimum Credit Hours to be Awarded	Equiva lent Clock Hours	ACE Recommended Credit Distribution by Discipline	Aligned Credit Hour Courses	Aligned Clock Hour Courses	Skills Required to be Demonstrated Prior to Award of Credit or Clock Hours
NV-1723-0015	Machine Tool Operator	70	3	90	Lathe Operations (3 credit hours)	PMT0213	No clock hour courses identified	
NV-1723-0030	Machinery Repairman Strand	70	3	90	Lathe Operations (3 credit hours)	PMT0213 EELX650 EETX070 EETX084 EETX140	No clock hour courses identified	