

CEAE Acceptance of Non-Course Credits as Substitute for Course Credit

The CEAE program does not accept life, military, internships, or “co-op” experiences for course credit toward the BS CE or the BS ARCE degrees. In addition, CEAE students are not normally allowed to waive any of their engineering courses by successful completion of a quiz or exam. Appropriate Advanced Placement (AP) courses, however, are accepted toward the BS CE and the BS ARCE.

There are several methods in which advanced placement credits are evaluated and accepted by the University of Kansas and the School of Engineering. These are:

1. **Advanced Placement (AP) Tests**
If students have taken College Entrance Examination Board (CEEB) advanced placement courses through high school programs they may be eligible for advanced placement and/or credit. See Table 1.E.1 for equivalencies. If students have not taken the Advanced Placement course, they may still take the exam. If students take advanced placement exams, Educational Testing Services (ETS) will administer and grade the exams and CEEB will assess the fee. KU receives test scores in mid-July and will assign credit rather than a grade. Students receive specific guidance about proper course enrollment during New Student Orientations.
2. **International Baccalaureate (IB) Program**
Students who have taken IB courses through high school programs may be eligible for advanced placement and/or credit. See Table 1.E.2 for equivalencies.
3. **Credit by departmental examination**
In very limited cases, students may apply for credit by exam. The exam is created and administered by the ARCE faculty responsible for the course. The form requires approval by the Department's chair and the associate dean for undergraduate studies. The form is filed with the Registrar's Office. The ARCE faculty, in general, discourages credit by exam because of the oft-poor performance on subsequent courses.
4. **Foreign Language**
KU students can earn retroactive credit in French, German, Latin, Italian, Portuguese, and Spanish. For other languages students must check with the appropriate department. If students studied a foreign language in high school and want to continue to study the same language, they have several options for receiving advanced placement and/or credit.

Besides advanced placement credit for certain advanced placement exam scores, most KU language departments offer retroactive credit if the student begins their language studies in a specific advanced course and receive a grade of C- or better. Students may receive both advanced placement and retroactive credit, but if the advanced placement credit is the same as the retroactive credit, the advanced placement credit will be canceled. Please see Table 1.E.3 for a complete list of equivalencies.

5. College Level Examination Program (CLEP)

KU awards credit for passing some of the CLEP examinations. If students believe that through experience they have a sufficient knowledge of the material that would be taught in one or more courses in a particular area, they may want to take a CLEP exam. Each school or department within the university has different curriculum requirements and may use the scores in different ways. KU Testing Services (<http://www.testing.ku.edu/>) administers CLEP exams. Please see Table 1.E.4 for General and Subject examination credit.

6. Dual enrollment at a college/university while in high school

Students can earn dual credit for college courses taken while in high school. The general course transfer process outlined above is followed.

7. KU Core Curriculum Alternatives

The KU Core Curriculum allows a variety of alternatives to coursework for fulfilling specific KU Core requirements. Two common examples for School of Engineering students are (1) a sufficiently high English or verbal ACT or SAT score can satisfy one of the two General Education, Goal 2, Outcome 1 (GE21) units and (2) a significant study abroad experience can satisfy the Advanced Education, Goal 4, Outcome 2 (AE42) unit. The latter applies to international students studying at KU.

The university's guidelines for evaluating advanced placement course credits are used for courses not offered by the School of Engineering. Credit-determination is made by programs responsible for those courses, e.g., the Mathematics Department determines the minimum score on the AP AB Calculus exam for credit in MATH 125 (Calculus I).

AP credit is ultimately reported to the ARCE advisors via KU's DPR. The ARCE faculty members routinely advise new students who have AP MATH 125 credit to complete the KU course anyway to better prepare them for their future math and engineering courses. Many students wisely follow this advice.

Table 1.E.1 Advanced Placement (AP) Credit (<https://admissions.ku.edu/freshman-requirements-deadlines/earning-credit-high-school-work/ap>)

Subject	AP Score	Credit or higher placement
Drawing (ARTD)	3+	3 hours, elective
2-D Design (ART2)	3+	3 hours, elective
3-D Design (ART3)	3+	3 hours, elective
Biology	3-4	3 hours, BIOL 100
Biology	5	4 hours, BIOL 150
Chemistry	3	5 hours, CHEM 130
Chemistry	4+	10 hours, CHEM 130 and 135
Chinese	3	2 hours, CHIN U (individual evaluation)
Chinese	4+	5 hours, CHIN U (individual evaluation)
Computer Science (A or AB)	3+	3 hours, EECS 138
Economics (Micro)	3+	3 hours, ECON 142
Economics (Macro)	3+	3 hours, ECON 144
English Literature and Composition	3	3 hours, ENGL 101
English Literature and Composition	4+	6 hours, ENGL 101 and 102
English Language and Composition	3	3 hours, ENGL 101
English Language and Composition	4+	6 hours, ENGL 101 and 102
Environmental Science	3+	3 hours, EVRN 148
French Language	3	8 hours, FREN 120 and 230, placed in FREN 240
French Language	4	11 hours, FREN 120, 230, and 240, placed in FREN 301
French Language	5	14 hours, FREN 120, 230, 240 and 301, placed in FREN 302 and/or 326
Germanic Languages	3	8 hours, GERM 108 and 201, placed in GERM 202
Germanic Languages	4	11 hours, GERM 108, 201, and 202, placed in GERM 301
Germanic Languages	5	14 hours, GERM 108, 201, 301, and 302, placed in GERM 401
Italian Language/Culture	3	5 hours, ITAL 110
Italian Language/Culture	4+	5 hours, ITAL 120
Japanese Language/Culture	3	2 hours, JPN 104
Japanese Language/Culture	4+	5 hours, JPN 108
Government and Politics (Comparative)	3+	3 hours, POLS 150
Government and Politics (U.S.)	3+	3 hours, POLS 110
European History	3	3 hours, HIST 114
European History	4+	6 hours, HIST 114 and 115
United States History	3	3 hours, HIST 128
United States History	4+	6 hours, HIST 128 and 129
World History	3+	3 hours, HIST 101
History of Art	4+	3 hours, HA 100
Human Geography	3+	3 hours, GEOG 102
Latin	3+	Language requirement satisfied
Math (Calculus AB sub-score on BC exam)	3+	4 hours, MATH 125
Math (Calculus AB)	3+	4 hours, MATH 125
Math (Calculus BC)	3+	4 hours, MATH 126
Music Theory	3+	4 hours, MTHC 105
Music Listening and Literature	3+	3 hours, MUSC 136

Physics 1	3+	4 hours, PHSX 114
Physics 2	3+	4 hours, PHSX 115
Physics B	3+	8 hours, PHSX 114 and 115
Physics C (Electricity and Magnetism)	3+	4 hours, PHSX 212 & 236
Physics C (Mechanics)	3+	4 hours, PHSX 211 & 216
Psychology	3+	3 hours, PSYC 104
Research	3+	3 hours, elective (if also received a 3+ score on the Seminar test, 3 hours will be waived toward the <u>Research Experience Program</u> certificate)
Seminar	3+	3 hours, elective (if also received a 3+ score on the Research test, 3 hours will be waived toward the <u>Research Experience Program</u> certificate)
Spanish Language and/or Spanish Literature and Culture	3	9 hours, Placed in SPAN 322
Spanish Language and/or Spanish Literature and Culture	4+	9 hours, Placed in SPAN 324 and 328
Statistics	3+	3 hours, MATH S365

Table 1.E.2 International Baccalaureate (IB) Credit (<https://admissions.ku.edu/freshman-requirements-deadlines/earning-credit-high-school-work/ib>)

Subject	Score	Level	Credit or higher placement
Art and Design	6-7	HL	Determined by department in conjunction with portfolio review
Biological Sciences	5-6	SL	4 hours, BIOL 100 and 102
Biological Sciences	7	SL	4 hours, BIOL 150
Biological Sciences	4-6	HL	4 hours, BIOL 150
Biological Sciences	7	HL	8 hours, BIOL 150 and 152
Business Management	5-7	SL, HL	3 hours, BUS U
Chemistry	5-7	HL	10 hours, CHEM 130 and 135
Classical Languages	5-7	HL	Language requirement satisfied
Computer Science	6-7	SL	3 hours, EECS 138
Computer Science	5-7	HL	3 hours, EECS 138
English A	5	HL	3 hours, ENGL 101
English A	6-7	HL	6 hours, ENGL 101 and 102
Environmental Systems and Societies	5-7	HL	3 hours, EVRN 148
French B	6-7	SL	3 hours, FREN 109, placed in FREN 230
French B	5	HL	6 hours, FREN 230 and 240, placed in FREN 301
French B	6-7	HL	9 hours, FREN 230, 240, and 301, placed in FREN 302 and/or 326
French A	6-7	HL	Exempt from FREN 301, 302, 375 (majors/minors will replace these courses with electives); placed in FREN 326
Geography	6-7	HL	3 hours, GEOG 104
German B	6-7	SL	3 hours, GERM 202, placed in GERM 301
German B	5	HL	6 hours, GERM 301 and 302, placed in GERM 401
German B	6-7	HL	9 hours, GERM 301, 302, and 401 placed in GERM 402 or other 400+ level course
German A	6-7	HL	Exempt from GERM 301, 302, 401 (majors/minors will replace these courses with electives); placed in GERM 402 or other 400+ level course
Global Politics	6-7	SL	3 hours, POLS 170
US History	6-7	HL	6 hours, HIST 128 & 129
US History	5	HL	3 hours, HIST 128
US History	5-7	SL	3 hours, HIST 128
Non-US History	6-7	HL	6 hours, History Elective, GE 3H
Non-US History	5	HL	3 hours, History Elective, GE 3H
Non-US history	5-7		3 hours, History Elective
Mathematics	6-7	SL	Placed in courses with a college algebra prerequisite
Mathematics	6-7	HL	4 hours, MATH 125 (for additional placement visit with a math advisor)
Music			No credit
Philosophy	6-7	HL	3 hours, PHIL 140
Physics	5-7	SL	3 hours, PHSX 111
Physics	5-7	HL	8 hours, PHSX 114 and 115
Psychology	5-7	HL	3 hours, PSYC 104
Spanish A, Language	6-7	HL	Placed in SPAN 322
Spanish A, Literature	7	HL	Placed in SPAN 340
Spanish B	6-7	SL	Placed in SPAN 212
Spanish B	6-7	HL	Placed in SPAN 216

Sports, Exercise, and Health Science	5-7	SL	HSES 269
Theatre Arts	5-7	SL, HL	3 hours, THR 100
World Religions	6-7	SL, HL	3 hours, REL 104

Table 1.E.3 Foreign Language Credit (<https://admissions.ku.edu/freshman-requirements-deadlines/earning-credit-high-school-work/foreign-language>)

Years of High School Study¹	KU Placement Level²	Credit³
2	3rd Semester Course	3 hours
3	3rd Semester Course	3 hours
3	4th Semester Course	6 hours
4	4th Semester Course	6 hours
4	5th Semester Course	9 hours
4+	Department Proficiency Exam*	No additional language hours required

¹The number of years of high school courses in a foreign language.

²The level of course students will be allowed to enroll.

³ The credit students will be awarded, in addition to the course credit, for completing advanced study in a foreign language. The initial university-level course must be taken at KU and students must earn a C- or better.

Table 1.E.4 College Level Examination Program (CLEP) Credit
(<https://admissions.ku.edu/freshman-requirements-deadlines/earning-credit-high-school-work/clep>)

Subject	Score	Credit or higher placement
Humanities	50+	6 hours, humanities or elective
Social Science/History	50+	3 hours, credit toward graduation only
American Government	50+	3 hours, POLS 110
American Literature	50+	3 hours, ENGL H
Analyzing and Interpreting Literature	50+	3 hours, ENGL H
Astronomy	50+	3 hours, ASTR 191
Biology, general	50+	3 hours, BIOL 100
Business Law	50+	3 hours, BLAW U
Calculus	50+	4 hours, MATH 125
Chemistry, general	50+	5 hours, CHEM 130
College Algebra	50+	3 hours, MATH 101
College Composition	50+	3 hours, ENGL 101
English Literature	50+	3 hours, ENGL H
Financial Accounting	50+	3 hours, ACCT U
French Language	50+	3 hours, FREN 110
French Language	50+	6 hours, language satisfied
Human Growth and Development	50+	3 hours, ABSC SI
German Language	50+	3 hours, GERM 108
German Language	50+	6 hours, language satisfied
Information Systems	50+	3 hours, IST U
Intro to Micro and Macro-Economics	50+	4 hours, ECON 104 (for non-economics majors)
Intro to Macro-Economics	50+	3 hours, ECON 144 (for economics majors)
Intro to Micro-Economics	50+	3 hours, ECON 142 (for economics majors)
Marketing	50+	3 hours, MKTG U
Natural Science	50+	3 hours, PHSX NP
Principles of Management	50+	3 hours, MGMT U
Intro to Psychology	50+	3 hours, PSYC 104
College Spanish Levels 1 and 2	41-49	Placement in SPAN 212 (no credit for native speakers)
College Spanish Levels 1 and 2	50+	Placement in SPAN 212 (no credit for native speakers)
Sociology	50+	3 hours, SOC U
Precalculus	50+	5 hours, MATH 105