

ADVANCED STANDING AND ADVANCED PLACEMENT POLICY

RENSSELAER POLYTECHNIC INSTITUTE

ADVANCED STANDING

Courses completed at other colleges may be considered for transfer credit at Rensselaer. The registrar will have courses evaluated by the appropriate departments on campus. An official transcript of grade(s) from the other college(s) must be sent to the Office of the Registrar when the course is completed. The student's file must include photocopies of course descriptions of all courses for which the student requests transfer credit consideration. No grade is given for transfer credit and it is not included in calculating the QPA. Other information on transfer credit can be found in the Rensselaer catalog.

Transfer credit will not be given for any college courses taken while in high school if these courses were used in obtaining the high school diploma. Only a total of two courses for a maximum of eight advanced placement and/or transfer credits may be used toward the H&SS core requirements for graduation. Only a total of two courses for a maximum of eight transfer credits may be used to satisfy the science core requirement. Any courses beyond two may be used toward free electives.

Placement in non-entry level courses may be accomplished through the positive evaluation of high school advanced courses, attainment of certain scores on the AP Exam, or special testing. Standards and methods vary between departments. A first-year student may be placed in a course above the entry level without receiving credit for the course(s) skipped. At Student Orientation, department representatives will be available for questions during registration.

How the credits are applied to a student's degree program depends on the student's choice of major. Students may need to complete additional course work to fulfill the specific program requirements. The student should consult with the adviser for additional details.

ADVANCED PLACEMENT

American Government and Politics

Students who achieve a grade of 4 or 5 will receive credit for STSS-1000, Social Science Elective, four credit hours.

Art and Music

Students who achieve a grade of 4 or 5 will be eligible to take advanced courses without taking a prerequisite.

Biology

Students who achieve a grade of 5 will receive four credits for BIOL-1010, Introduction to Biology. Students who achieve a grade of 4 will receive four credits for BIOL-1000, Biology Elective.

Chemistry

Students who achieve a grade of 5 will receive eight credits for CHEM-1100, Chemistry I, and CHEM-1200, Chemistry II. For students who are not required to take Chemistry II in their curriculum, the credits for Chemistry II could be applied to a science elective or free elective. Students who achieve a grade of 4 will receive four credit hours for CHEM 1100, Chemistry I. Engineering students who are required to take Materials Science for Engineers should register for ENGR-1600 to complete the pre-engineering chemistry/materials requirement.

Computer Science

Students who receive a grade of 5 on the AB test will receive eight credits for Computer Science I and Computer Science II. Students who receive a grade of 4 on the AB test or 5 on the A test will receive four credits for Computer Science I.

Rensselaer



Economics

Students who achieve a grade of 4 or 5 on both the microeconomics and macroeconomics exams receive four credit hours for ECON-1200, Introduction to Economics, after they complete either ECON-2010, Managerial Economics or ECON-2020, Intermediate Macroeconomics, with a grade of C or better. Students are urged to do this no later than the sophomore year. Students who achieve a grade of 3 on both exams receive no credit but may place into Managerial Economics or Intermediate Macroeconomics.

English

Students who achieve a grade of 4 or 5 will receive credit for WRIT-1000, Writing Elective, four credit hours.

Environmental Science

Students who receive a grade of 4 or 5 will receive credit for IENV-1000, Environmental Science Elective, four credit hours.

Foreign Languages

Students who achieve a grade of 4 will receive four credits for LANG-1000, Language Elective and may register for Language II. Students who achieve a grade of 5 will receive four credits for LANG-1000, Language Elective and may register for Language III.

History

Students who achieve a grade of 4 or 5 on the American History examination will receive four credit hours, STSH- 1000 Humanities. Students who achieve a grade of 4 or 5 in European History will receive credit for STSH-1000, Humanities Elective, four credit hours.

Human Geography

Students who achieve a grade of 4 or 5 will receive credit for STSS-1000, Social Science Elective, four credit hours.

Mathematics

Engineering and science majors, who achieve a grade of 3 on the BC examination, or a grade of 4 or 5 on the AB examination, will receive four credits for Calculus I and should register for Calculus II if required by the major. Students who achieve a grade of 4 or 5 on the BC exam will receive eight credits for Calculus I and II and should register for MATH-2010 or MATH-2400 depending on the requirements of the student's major.

Architecture, H&SS, and Management majors who achieve a grade of 3 or better on the BC examination, or a grade of 4 or 5 on the AB examination, will receive four credits for Calculus I and take no math in the fall semester. These students enroll in MATH-1520 (Management) or MATH 1620 (Architecture and H&SS) in the spring semester. Students receiving a grade of 4 or 5 on the BC exam will receive eight credit hours for Calculus I and II.

Physics

Students who achieve a grade of 4 or 5 on both the Mechanics and the Electricity and the Electricity and Magnetism part of the C examination receive eight credits for Physics I and II. Students who receive a grade of 4 or 5 on only the Mechanics part of the C examination receive four credits for Physics I. Students who achieve a grade of 4 or 5 on the B examination and have received credit for Calculus I (AP credit, Transfer Credit, or have completed Rensselaer credit) will receive 4 credits for Physics I. Students who achieve a grade of 3 on any Physics examination may receive credit, depending on a review of all credentials.

Psychology

Students who achieve a grade of 4 or 5 will receive credit for PSYC-1200, General Psychology, four credit hours.

Statistics

Students who achieve a grade of 4 or 5 will receive credit for MGMT-2100, Statistical Methods, four credit hours. The course will not count as part of the Math/Science requirement. Students will not receive credit for ENGR-2600, Modeling and Analysis of Uncertainty.

Studio Art

Students who achieve a grade of 4 or 5 on either the Studio Art: 2-D or Studio Art: 3-D exams will not receive academic credit but will be eligible for advanced placement in non-entry level courses.

World History

Students who achieve a grade of 4 or 5 will receive credit for STSH-1000, Humanities Elective, four credit hours.