

Physics 122 Course Credits by Examination

Computer Engineering (CE) and Electrical Engineering (EE) programs offered by the ECE department require PHYS 122 as the Physics 2 course. Students who have taken only PHYS 121 or did not pass Phys 122 are offered an opportunity to obtain the required course credits by examination. This examination will be given in mid- August, after the Summer 2 session. The exam will be a comprehensive exam equivalent to the Final. Exams will be 2.5 hrs in duration.

Students who can take the exam for PHYS 122 Credit:

- Students who have failed PHYS 122 (D or F Grade)
- Students who have taken only PHYS 121 (with a grade of C or better)
- Students who were admitted to NJIT before taking a PHYS 2 course and later have taken the Physics 121 equivalent and transferred it into NJIT

Students who do not have to take the PHYS 122 Exam:

- Transfer students who were admitted to NJIT from a community college after passing their PHYS 121 equivalent course, which was transferred at the time of admission.
- Students who have passed (with a grade of C or better) a physics course equivalent to PHYS 122 (not Physics 121) at another university. The course equivalency will be determined on a case-by-case basis by the PHYS 122 instructor, based on an assessment of the course exams, homework, course textbook, and course syllabus.

Information for students taking the PHYS 122 Exam

A course syllabus, with a list of the course recitation assignments, can be found at the download site at: <https://web.njit.edu/~gerrard/> in the “coursework” section.

PHYS 122

CREDIT BY EXAMINATION PROCEDURES

PHYSICS DEPARTMENT

Students must meet the PHYS 122 credit by examination criteria on first page.

Procedures

1. Complete the 'Application for Credit by Examination Form' on the third page.
2. Complete the top portion of form and take it to the Bursar Office to process. The Bursar Office is located in the basement of the main parking garage on Summit Street.
3. Once the student pays the fee, email 1) the receipt and 2) Credit by Exam Form to: Christine Oertel (oertel@njit.edu) and Donald James (djames@njit.edu).
4. Once these documents are received, the student will receive information about the credit by exam. The exam will be administered mid-August, after the second summer session. The date & time is to be determined.
5. Exams will be 2.5 hours in duration.
6. Exams will be on campus, in person unless otherwise instructed.
7. The exam is PASS/FAIL, the student will *not* be given a grade.
8. The credit by exam does **not** include the lab component (PHYS 121A). The lab can be taken over the Summer/Spring or Fall semester. Students may require a permit to take the lab. Students can apply for a permit at: <https://physics.njit.edu/permits>



New Jersey's Science & Technology University

APPLICATION FOR CREDIT BY EXAMINATION

Student Name: _____ NJIT ID#: _____

Course for Which Examination Is Requested: _____
Course Number/Title

The Examination for Credit Will Be Given On: _____
Date

THE STUDENT MUST TAKE THIS FORM TO THE BURSAR OFFICE WITH A NON-REFUNDABLE EXAMINATION FEE OF \$50.00.

Receipt No.: _____ Date Paid: _____

Cashier: _____

CREDIT BY EXAM



THE STUDENT PASSED THE EXAMINATION AND SHOULD RECEIVE CREDIT

Date

Chairman's Signature



THE STUDENT HAS NOT ATTAINED A SCORE SUFFICIENT FOR CREDIT TO BE GRANTED

Date

Chairman's Signature

The department offering the exam must forward directly to Registrar for processing. Do not return to student.

Registrar's Office

Course Recorded for Credit: _____
Date

Transfer Credit Coordinator
Registrar's Office