

## **Physics 122 Course Credits by Examination Criteria**

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 PHYS 122 course syllabus, with a list of the course recitation assignments, can be obtained from [Prof. Andrew Gerrard](#) or [Prof. Lindsay Goodwin](#).

# PHYS 122

## CREDIT BY EXAMINATION PROCEDURES

### PHYSICS DEPARTMENT

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

#### Procedures

1. Complete the 'Application for Credit by Examination Form' on the third page.
2. Complete the top portion of the 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](mailto:oertel@njit.edu)) and Donald James ([djames@njit.edu](mailto:djames@njit.edu)).
4. Once these documents are received, the student will receive information about the credit by exam. Exams will not be graded unless the fee is paid. The credit by exam will be administered after the second summer session, in the middle of August. 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 (example: PHYS 121A). The lab must be taken over the 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