Industrial Engineering Deficiency Exam Details

Refer to your admission letter to verify your assigned deficiencies.

List of Industrial Engineering Deficiency courses along with the associated ASU course numbers

- CSE 110 - Principles of Programming in Java **
- CSE 205 - Object-Oriented Programming and Data Structures **
- MAT 242 – Linear Algebra **
- IEE 376 – Deterministic Operations Research
- IEE 380 – Probability and Statistics for Engineering Problem Solving
- IEE 470 – Stochastic Operations Research

**Deficiency exam is not available for this course

Option 1: Waiver Process

- Students wishing to have their course syllabi examined as evidence that deficiencies have been satisfied must submit a petition. The request will need to be submitted using the Petition for Reevaluation of Deficiency Course form along with supporting documents such as a syllabus, catalog description, and university transcripts (including the grade scale), to prove that you have met the requirements. Only new information will be considered, the decision is final.

  Deficiency re-evaluation - details are [here](#) – deadline is December 1, 2021

Option 2: Deficiency Test out Exam

- Prior to fall and spring semesters, an online course proficiency examination (CPE) is provided to allow students entering with deficiencies (listed in the admission letter) to take a test to establish whether they possess basic knowledge of the course material sufficient to have an assigned deficiency waived.

Deficiency exams are offered online. The cost of the exam is $59. A student has only one attempt for each subject.

- Students must register for the exam using their ASU email.
- A passing grade on the exam will waive the assigned subject deficiency.
- A certificate is issued at the end of the exam if you achieve a passing grade.
- The deadline to take the exams for IEE 376, IEE 380, and IEE 470 and is [January 2, 2022](#).

The exams can be reached at the following link:

[https://courses.cpe.asu.edu/browse/scai-exams/](https://courses.cpe.asu.edu/browse/scai-exams/)
This scheduled testing period is the only opportunity for deficiency test-outs. No other/later arrangements will be made for students to test out of assigned deficiencies.

Once you have passed the final exam, you will need to submit the Deficiency waiver form and upload your certificate here: https://forms.gle/AW11qXka1QVwaPoMA

**Option 3: Enrolling in the course**

- Students who could not clear their assigned deficiency through the waiver process or deficiency test-out exam are required to enroll and pass the course(s) in their first year.