Software Engineering Deficiency Exam Details

Refer to your admission letter to verify your assigned deficiencies.

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

- SER 222 - Design and Analysis of Data Structures and Algorithms or
  - CSE 310 - Data Structures and Algorithms
- CSE 240 – Introduction to Programming Languages
- SER 334 – Operating Systems and Networks or
  - CSE 330 – Operating Systems
- CSE 360 – Software Engineering

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, 2022

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.

- 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.
- A student has a maximum of two attempts for SER 222 and SER 334. Payment will be required for each attempt. The deadline to take the exams for SER 222 and SER 334 is January 6, 2023.

SER 222 (Data Structures and Algorithms) and SER 334 (Operating Systems) test-out exams can be reached at the following link:

[https://courses.cpe.asu.edu/browse/mcs](https://courses.cpe.asu.edu/browse/mcs)
A student is allowed only one attempt for CSE 240 and CSE 360. The deadline to take the exams for CSE 240 and CSE 360 is **January 6, 2023**.

CSE 240 (Introduction to Programming Languages) and CSE 360 (Introduction to Software Engineering) test-out 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://fultonapps.asu.edu/deficiency/](https://fultonapps.asu.edu/deficiency/)

**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.