

The CME discussed a policy on required transition courses for graduate students throughout AY 05-06. The final version as written below was unanimously approved at a faculty meeting on 10/24/06.

**Department of Chemical and Materials Engineering
San Jose State University
Required transition courses for graduate students**

MatE

- Transition courses for MatE majors are required of all students without an undergraduate materials science and/or engineering degree. A student does not need to take a transition course if they can show that they had a similar course as part of their undergraduate degree.
- The transition courses are:
 - Students need to have had one college level course each in calculus, differential equations, chemistry, and physics (mechanics and electricity & magnetism).
 - MatE 25: Introduction to Materials
 - MatE 115: Structure & Properties of Solids
 - MatE 152: Solid State Kinetics
 - MatE 195: Mechanical Behavior of Materials
- You must get a C or better in every transition course and a GPA of 3.0 or better in all the transition courses.
- Graduate level courses can be taken at the same time as some transition courses as long as the pre-requisite transition courses are met.

ChE

- Transition courses for ChE majors are required of all students without an undergraduate chemical engineering degree. A student does not need to take a transition course if they can show that they had a similar course as part of their undergraduate degree.
- The transition courses are:
 - Students need to have had one college level course each in calculus, differential equations, chemistry, organic chemistry, and physics (mechanics).
 - ChE 115 (Incoming students with a 3.0 or higher as calculated by graduate studies can opt out of ChE 115.)
 - ChE 190
 - ChE 160A
 - ChE 160B
 - ChE 151
 - ChE 158
- You must get a C or better in every transition course and a GPA of 3.0 or better in all the transition courses.
- Graduate level courses can be taken at the same time as some transition courses as long as the pre-requisite transition courses are met.

