

Trends in Undergraduate Enrollment in Engineering and Computer Science

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Abstract

Recently, there is a lot of emphasis and support to pursue education in STEM (Science, Technology, Engineering, and Mathematics) related fields. This paper will shed some light on the status of STEM during the past years specifically in the area of engineering and computer science. The presentation will provide some results about undergraduate enrollments and graduation rates in engineering and computer science in the US during the past years (up to 10 years). This study will compare the number of students that enrolled to those graduating in different engineering fields. Similar comparison will be used for students majoring in computer science. Some of the items to be addressed are:

- Increase or decrease in freshmen enrollment.
- Trend in graduation rates.
- Any impact of recent economic conditions on enrollment.
- Demand for graduates in both engineering and computer science.

Biography

DR. NOUREDDINE BEKHOUCHE is currently a Professor in the department of Technology and Engineering at Jacksonville State University. Dr. Bekhouche has been the coordinator for the Applied Electronics Engineering program since 2000. His main interests include automation and curriculum issues. Dr. Bekhouche may be reached at bekhouch@jsu.edu.