

**Department of Physics and Engineering**  
**School of Natural Sciences, Mathematics, and Engineering**

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**Faculty:** I. Ampatzidis, L. Cabrales Arriaga, A. Dzyubenko, G. Dzyubenko, V. Gasparyan, P. Guo, J. Lewis, Y. Li, T. Meyer (Emeritus), T. Moore, R. Negrini, K. Prasai, K. Salehpoor, D. Saini, S. Shetty, J. Talamantes

CSUB offers degree programs in Computer Engineering, Electrical Engineering, and Engineering Sciences. For all other engineering degrees, students can complete a substantial portion of lower division courses required for engineering programs elsewhere. Students who have completed the core mathematics and science sequences have been readily accepted by other universities, public and private, both within and outside of California.

Most engineering programs are highly structured and very demanding, and careful selection of courses for transfer programs is strongly urged. Students interested in the pre-engineering program are advised to consult with the pre-engineering advisor in the Department of Physics and Engineering. Call the program office for information and assistance in finding an advisor. For student learning objectives and more information, visit our website at [www.csub.edu/engineering](http://www.csub.edu/engineering).

**Basic Course Requirements**

CHEM 1000, 1001, 1100, 1600, CMPS 2010, COMM 1008 (not required for transfers to the UC), ENGR 1618/1628, 2070, 2110, ENGL 1208 (required only for transfers to the UC), 1109, MATH 2310 or 2510, 2320 or 2520, 2530 (Calculus sequence), 2540, PHIL 1019 (some CSUs waive this course), PHYS 2210, 2220, 2230 (Calculus-based Physics sequence).