

**Class
begins
Tuesday,
August 27**

**REGISTER
TODAY!**

Registration hours at
Merced College
Admissions and Records
MTThF,
8AM — 4PM

Merced College, at the request of UC Merced, is entering into a unique collaboration with UC Merced and UC Berkeley to provide this offering to students. The close coordination between educational institutions will assure student success for potential engineering students. Be in on the ground floor - enroll today!



Enabling a new generation of computing throughout engineering...

ENGR-49B — INTRODUCTION TO SYMBOLIC PROGRAMMING

Major new approaches to programming happen rarely and, when they do, they are often absorbed slowly. With the object-oriented programming approach to software design now widely adopted, the world seems ready for another, even more dramatic change - symbolic programming. This methodology has now reached the point where it can be put to use immediately, enabling a new generation of computing throughout engineering.
— Roger Germundsoon Wolfram Research Inc.

This course serves as an introduction to computer programming with an emphasis on symbolic computation and functional program style. Using the Scheme programming language, your progress and understanding of programming logic will be assessed regularly through short programming exercises, assignments involving analysis of programs written by others, and online discussion of common misconceptions, ways to understand complicated techniques, and tips for productive programming.

While learning Scheme within this context, your programming skills will vastly improve, leading to increased productivity and ultimately more professional opportunities. Just think! You can learn a new language and increase your marketable professional skills without leaving home. UC Merced makes it happen.

Location: Merced Tri-College Center
Merced College Credit: 4 Units (54 Hrs Lec, 54 Hrs Lab)
articulated with UC Merced and UC Berkeley
Advisory: MATH-C (High School Algebra II)
Dates: August 27, 2002 - December 17, 2002
Days / Times: 2:00 — 5:00 PM TTH, 11:00 AM — 1:00 PM F
Cost: \$11 per unit plus Health Fee
Information: Merced College Engineering at (209) 384-6331 or
UC Merced Engineering Division at (209) 724-4411