CIS 113 Ruby Programming

CIS 113 RUBY PROGRAMMING

Comprehensive course in Ruby, an open-source dynamic object-oriented scripting language. Covers variables, arrays and hashes, methods and procs, classes, objects, and writing server-side Ruby scripts for the Web. Also covered are exception handling, regular expressions, I/O objects, and modules. An introduction to SQL and the MySQL database, and advanced topics such as Model-View-Controller architecture and agile Web application development with the Ruby on Rails framework. Intended for students with previous programming experience. Grade Option (Letter Grade or Pass/No Pass). Degree Credit.

Units: 4

Hours/semester: 48-54 Lecture; 48-54 Lab; 96-108 Homework

Recommended: Eligibility for ENGL 838 or ENGL 848 or ESL 400. Completion of CIS 111 or CIS 254.

Transfer Credit: CSU, UC

Courses marked with a (*) are transferable with unit limitations as specified in assist.org. If you have questions, see your counselor.