COMPUTER SCIENCE GENERAL EDUCATION COURSES

College Learning Outcomes Matrix: Rate each course from 1 to 5 with 5 being the most important.

A.S. in Physical Sciences COMPUTER SCIENCE	Semester of SLO Assessment	1. Effective Communication:	2. Scientific and Quantitative Reasoning:	3. Critical Thinking:	4. Problem Solving:	5. Information Literacy:	GE	DEGREE
COMP 130 Introduction to Programming in JAVA	Fall 12	3	3	3	5	3		X
COMP 135 Introduction to Programming in C++	Spring 12	3	3	3	5	3		X
COMP 220 Data Structures and Algorithms	Spring 12	3	3	3	5	3		X
COMP 232 Advanced Programming in JAVA	Spring 12 (cancelled)	3	3	3	5	3		X
COMP 235 Advanced Programming in C++	Spring 12	3	2	3	5	3		X

==Assessment Methods:==

Communication
Clearly articulate reasoning and methodology during problem solving
Clearly structure and document program code to facilitate understanding of problem-solving approach

Scientific Reasoning / Critical Thinking / Problem Solving
(In most science classes, it is difficult to distinguish between these three categories. Problem solving in general is VERY important.)
Exam problems, lab reports, and programming assignments