Fresno City College

Name: _____

ID: _____

Date: _____

Counselor Contact: _____

Major Requirements: 29 units
A grade of "C" or better is required in the following courses

CERTIFICATE OF ACHIEVEMENT (F.2790.CA)	C-ID	Units	Completed	In Progress	Planned
CSCI 40, Programming Concepts and Methodology I	COMP 122	4			
CSCI 41, Programming Concepts and Methodology II	COMP 132	4			
MATH 5A, Mathematical Analysis I	MATH 210	5			
MATH 5B, Mathematical Analysis II	MATH 220	4			
Computer Science Electives: Select One					
CSCI 26, Discrete Mathematics for Computer Science **OR** CSCI 45, Computer Architecture and Organization	COMP 152 COMP 142	4			
Select a Physics sequence:					
PHYS 2A, General Physics 1 **AND** PHYS 2B, General Physics 2	PHYS 105 PHYS 110	8			
OR PHYS 4A, Physics for Scientist and Engineers **AND** PHYS 4B, Physics for Scientist and Engineers	PHYS 205 PHYS 210	8			

Notes:

1. Computer Science involves design and innovation developed from computing principles. This two-year curriculum focuses on the theoretical foundations of computing, algorithms, and programming techniques, as applied to software development.

2. The above courses have prerequisites. See the catalog or schedule of classes.

3. The *Certificate of Achievement* requires completion of the major (29 units) with a "C" or better grade in each course.