Algorithmic and Logical Thinking Certificate

FOLSOM LAKE COLLEGE

Total Units: 19

First Year

Semester 1   9 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*
CISP 300 Algorithm Design/Problem Solving	3		F, S
CISC 310 Introduction to Computer Information Science	3		F, S
Major Elective: See List Below	3		

A minimum of 6 units from the following:

COMM 311 Argumentation and Debate *(3)*

COMM 315 Persuasion *(3)*

PHIL 300 Introduction to Philosophy *(3)*

PHIL 325 Symbolic Logic *(3)*

PSYC 330 Introductory Statistics for the Behavioral Sciences *(3)*

or STAT 300 Introduction to Probability and Statistics *(4)*

Semester 2   10 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*
CISP 360 Introduction to Structured Programming	4		
PHIL 320 Logic and Critical Reasoning	3		
Major Elective: See List Below	3		

A minimum of 6 units from the following:

COMM 311 Argumentation and Debate *(3)*

COMM 315 Persuasion *(3)*

PHIL 300 Introduction to Philosophy *(3)*

PHIL 325 Symbolic Logic *(3)*

PSYC 330 Introductory Statistics for the Behavioral Sciences *(3)*

Notes:

This is a foundation certificate indicating student completion and mastery of fundamental CIS concepts. Subsequent certificates will stack on this.

Zero Textbook Costs (ZTC):

The Zero Textbook Costs designation and logo are added to any course that provides free access to all required instructional materials. These are typically shared with students through Canvas. Courses that are designated as ZTC may still require students to purchase supplemental materials such as lab coats, a calculator, art supplies, etc. See full definitions and searching tips on the Zero Textbook Costs page of the college website.

or STAT 300 Introduction to Probability and Statistics *(4)*