

Computer Science/Computer Information Systems Certificate (2591)

This certificate is designed for students planning to transfer to a Computer Science or Computer Information Systems program at a four-year college. Students should consult a Lakeland counselor prior to beginning this program in order to ensure maximum transferability.

ITIS 1005.	Computers and Information Processing.	3
ITCS 1010.	Programming Logic.	3
ITON 1011.	Comparative Analysis of Microcomputer Operating Systems	2
ITON 1030	Using Microsoft Windows Vista	1
OR		
ITON 1050	Using Microsoft Windows 7	
ITCS 1820.	Java Programming I.	3
ITCS 1810	Visual Basic.NET Programming I	3
OR		
ITCS 1840	Visual C#.NET Programming I	
ITCS 2870.	Data Structures	4
ITCS 2875.	Computer Architecture and Organization.	3
MATH 1700.	Trigonometry	3
MATH 2500.	Calculus and Analytical Geometry I	5
MATH 2600.	Calculus and Analytical Geometry II.	5
		Certificate Total: 35