

Computer Programming



HEARTLAND
COMMUNITY COLLEGE

Certificate

31 Semester Hours

General Education Requirements

ENGL 101	Composition I	3
CSCI 115	Discrete Structures	<u>4</u>
TOTAL		7

Core Requirements

CSCI 101	Introduction to Computer Information Science	4
CSCI 130	Computer Science I	4
CSCI 131	Computer Science II	4
CSCI Electives	(courses selected from CSCI area)	6
NETW 150	Workstation Operating Systems	3
NETW 160	Introduction to Networking	<u>3</u>
TOTAL		24

Certificate Description

This certificate prepares students for an entry-level position as an applications programmer. Students receive a minimum of two semesters of hands-on programming experience in a high-level programming language. Electives may be chosen from additional languages and platforms including web and mobile applications. The courses included in the certificate are accepted toward the completion of the Associate of Applied Science degree in Information Technology.



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