

REQUEST TO APPROVE MODIFICATION OF THE COMPUTER INFORMATION SYSTEMS AAS & CAS

Recommendation:

The Instructional Council (IC) recommends approval of the modification of the Computer Information Systems (CIS) Associate of Applied Science (AAS) and Certificate of Applied Science (CAS).

Summary:

The proposed changes to the CIS AAS and CAS will help prepare the degree for future articulation with universities for a direct transfer degree. Proposed effective date of this modification is Fall 2016.

Computer Information Systems (CIS)

Computer Information Systems Specialization

Computer Information Systems (CAS) • 36 credits

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| CIS 105 Computer Applications and Information Technology..... | 3 credits |
| CIS 111 Introduction to Programming..... | 3 credits |
| CIS 115 Introduction to Graphic Communication Technology..... | 3 credits |
| CIS 161 Microsoft Operating System..... | 3 credits |
| CIS 125 Effective Communication with Digital Media | 3 credits |
| CIS 141 Managing and Maintaining Your PC I (A+)..... | 3 credits |
| CIS 150 Digital Culture | 3 credits |
| CIS 171 GNU Linux Operating System..... | 3 credits |
| CIS 217 JAVA Programming, Introductory..... | 3 credits |
| CIS142 Managing and Maintaining Your PC II (A+)..... | 3 credits |
| CIS 245 Database Management and Concepts..... | 3 credits |
| CIS 280 Systems Analysis and Design..... | 3 credits |

PLUS

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|---|----------------------|
| ENL 101 College Composition I..... | 3 credits |
| MAT 112 Algebra II: Intermediate | 3 credits |
| Mathematics..... | 3 credits |

Select any course under the **Mathematics** General Education List (for CAS and AAS degrees) on page 64 **EXCEPT** for
MAT 101, MAT 103, MAT 109 or BUS 133..... 3 credits

Computer Information Systems (AAS) • 64 credits

Complete the Computer Information Systems CAS..... 36 credits

PLUS

General Education Courses

Communications 3 credits

Select one of the following:

ENL 102 College Composition II 3 credits

ENL 109 Technical Writing 3 credits

Select any course under the **Communications** General Education List (for AAS Degrees) on page 64.

Discipline Studies 7 credits

(Select one course from the **Physical and Biological Sciences** and one course from either the **Arts and Humanities** or **Social and Behavioral Sciences** lists on page 64.)

Required Electives 18 credits

From the list on page 83.



Northland Pioneer College

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