

Northland Pioneer College
ASSOCIATE OF APPLIED SCIENCE (AAS)
COMPUTER INFORMATION SYSTEMS - Web Design
2013-2014 Catalog Year
NPC Advising Check Sheet

Student Name:	Student ID:
Adviser Name:	Date:

GENERAL EDUCATION REQUIREMENTS (16-17 CRS)							
	CRS	GR	SEM		CRS	GR	SEM
COMMUNICATIONS (6 CRS)				PHYSICAL & BIOLOGICAL SCIENCES (4 CRS)			
ENL 101	3			Any one course from the AAS Discipline Studies list of Physical & Biological Sciences (see next page)	4		
<i>Plus one of the following:</i>							
ENL 102	3						
OR							
ENL 109	3			ARTS & HUMANITIES <u>OR</u> SOCIAL & BEHAVIORAL SCIENCES (3 CRS)			
MATHEMATICS (3-4 CRS)				Any one course from the AAS Discipline Studies list of Arts & Humanities courses <u>OR</u> Social & Behavioral Sciences (see next page)			
MAT 112	3				3		
OR							
MAT 121	4						

CORE REQUIREMENTS (30 CRS)				REQUIRED ELECTIVES (18)			
AREA OF SPECIALIZATION:				In addition to the area of specialization core requirements, student must complete 18 unduplicated credits from the List of Required Electives. (see next page for list)			
WEB DESIGN							
	CRS	GR	SEM		CRS	GR	SEM
CIS 105	3						
CIS 115	3						
CIS 116	3						
CIS 118	3						
CIS 150	3						
CIS 168	3						
CIS 187	3						
CIS 295	3						
<i>Plus one of the following:</i>							
ART 103	3						
OR							
ART 150	3						
<i>Plus one of the following:</i>							
CIS 113	3						
OR							
CIS 125	3						

Requires completion of a minimum of 64-65 credits with a cumulative grade point average of 2.0 on a 4.0 scale.

**ASSOCIATE OF APPLIED SCIENCE DISCIPLINE STUDIES
2013-2014 Catalog Year**

DISCIPLINE STUDIES (see appropriate AAS Check Sheet for credit hour requirements)

ARTS AND HUMANITIES	PHYSICAL AND BIOLOGICAL SCIENCES	SOCIAL AND BEHAVIORAL SCIENCES
<p><i>Courses must be selected from the following list:</i></p> <p>ART 101 Understanding Art ART 115 Art History I ART 116 Art History II ART 215 Native American Art ENL 220 World Literature I ENL 221 World Literature II ENL 224 English Literature I ENL 225 English Literature II ENL 230 American Literature I ENL 231 American Literature II HUM 150 Humanities in the Western World I HUM 151 Humanities in the Western World II MUS 150 Music Appreciation MUS 250 World Music PHL 101 Introduction to Philosophy PHL 105 Introduction to Ethics SPT 130 Introduction to Theatre SPT 150 Introduction to Film SPT 155 History of Television</p>	<p><i>Courses must be selected from the following list:</i></p> <p>BIO 100 Biology Concepts BIO 105 Environmental Biology BIO 160 Introduction to Human Anatomy & Physiology BIO 181 General Biology I BIO 182 General Biology II BIO 201 Human Anatomy and Physiology I BIO 202 Human Anatomy and Physiology II CHM 130 Fundamental Chemistry CHM 151 General Chemistry I CHM 152 General Chemistry II GEO 111 Physical Geography GLG 101 Introduction to Geology I—Physical Geology GLG 102 Introduction to Geology II—Historical Geology PHY 113 General Physics I PHY 114 General Physics II</p>	<p><i>Courses must be selected from the list below. Courses marked with an asterisk (*) meet requirements for Contemporary Global, International or Historical Awareness.</i></p> <p>* ANT 102 Cultural Anthropology ANT 120 Buried Cities and Lost Tribes BUS 140 Principles of Economics—Macro BUS 141 Principles of Economics—Micro * GEO 110 World Regional Geography GEO 120 Human Geography * HIS 105 U.S. History to 1877 * HIS 106 U.S. History Since 1877 * HIS 155 Western Civilization to 1700 * HIS 156 Western Civilization Since 1700 POS 110 American Government PSY 101 Introduction to Psychology PSY 200 Psychology of Adjustment PSY 240 Developmental Psychology SOC 120 General Sociology SOC 121 Social Problems in America SOC 130 Racial, Ethnic and Gender Relations in Modern Society SOC 225 Sociology of the Family</p>

REQUIRED ELECTIVES – In addition to the area of specialization core requirements, student must complete 18-20 unduplicated credits from the following courses:		
BUS 110 Small Business Management	CIS 119 Page Layout and Design	CIS 200 BASIC Programming
BUS 112 Fundamentals of Bookkeeping for Business	CIS 125 Effective Communication with Digital Media	CIS 217 Java Programming, Introductory
OR	CIS 141 Managing and Maintaining Your PC I (A+)	CIS 226 Programming in C++
BUS 117 Principles of Accounting I-Financial	CIS 142 Managing and Maintaining Your PC II (A+)	CIS 243 Database-Driven Websites
	CIS 145 Network+ Certification Preparation	CIS 245 Database Management and Concepts
	CIS 150 Digital Culture	CIS 250 Electronic Commerce
BUS 170 Written Business Communications	CIS 161 Microsoft Operating System	CIS 265 Web Programming
CIS 103 Introduction to Windows	CIS 168 Web Authoring Tools	CIS 275 Web Server Administration
CIS 105 Computer Applications and Information Technology	CIS 171 GNU Linux Operating System	CIS 280 Systems Analysis and Design
CIS 111 Introduction to Programming	CIS 183 Introduction to Internet	CIS 286 Educational Technology
CIS 113 Multimedia	CIS 187 Introduction to Web Development	CIS 298 Portfolio
CIS 115 Introduction to Graphic Communication Technology	CIS 198 Internship	CIS 299 Special Projects
CIS 116 Computer Photographic Imaging (Adobe Photoshop)	CIS 199 Workshop	
CIS 117 Two-Dimensional Computer Design (Adobe Illustrator)		
CIS 118 Graphics, Interactive and Animated		