Programs of Study Offered at NWIC

Bachelor of Science Degree
- Native Environmental Science
  - ◊ Interdisciplinary Concentration Option
  - ◊ Environmental Science Option

Associate of Arts and Sciences Degree
- Native American Studies
- Native Environmental Science
- Native Oksale* Education
- General Direct Transfer
- Business and Entrepreneurship

Associate of Science Transfer Degree
- Life Sciences

Associate of Applied Science—Transfer Degree
- Early Childhood Education

Associate of Technical Arts Degree
- Chemical Dependency Studies
- Information Technology
- Individualized Program

Certificate
- Computer Repair Technician
- Construction Trades
- Hospitality Management
- Individualized Program
- Native American Studies
- Professional Technical Studies
  - ◊ Casino Gaming Technician
  - ◊ Native Art
  - ◊ Office Professions
  - ◊ Project Management
- Web Page Development

*Oksale is the Lummi word for "Teacher"

Awards of Completion offered at NWIC

Award of Completion
- Tribal Casino Management
- Digital Media and Web Technology
- Working With Infants and Toddlers

NOTE: Not all programs of study and training opportunities are available at all NWIC Instructional Sites. See an Advisor or Instructional Site Manager for more information. Program of Study Advising sheets are available on the NWIC web site at www.nwic.edu.

Programs of Study Offered at NWIC

Bachelor of Science Degree (BS)

The Bachelor of Science degree requires a minimum of 180 credits within the appropriate distribution areas and with specifies courses in the Native Environmental Science core. An internship is also a required part of the Bachelor of Science degree program. Major declaration and prerequisites are required for most junior and senior-level courses. Students can enter the BS program at the beginning of their college studies or transfer into the program. Students who have completed associate degrees at NWIC or other colleges are encouraged to transfer into the BS program. Transfer students must request an evaluation of transfer credits from the Admissions Office for consideration of remaining requirements. A cumulative GPA of at least 2.00 in courses numbered 100 or above is required for completion of the BS degree.

Associate of Arts and Sciences Degree (AAS)

The Associate of Arts and Sciences (AAS) degree, commonly referred to as the "Direct Transfer Agreement (DTA)," is designed primarily for students intending to transfer to a four-year college or university. The Associate of Arts and Sciences degree requires completion of a minimum of 90 credits in courses numbered 100 and above within specified general distribution requirements and is accepted as fulfillment of the general liberal arts requirements by Washington State four-year institutions. Students intending to transfer should consult with an advisor or transfer specialist, since some colleges may have differences in degree requirements. A cumulative GPA of at least 2.00 in courses numbered 100 to 299 is required for completion of the AAS degree. Early contact with the admissions officer of the transfer institution will help ensure that entrance requirements for specific majors are completed.

Associate of Science Transfer Degree (AST)

The Associate of Science Transfer (AST) degree is awarded for completion of programs directed at the professional and technical levels. Students must complete a minimum of 90 credits in courses 100 or above, with a specified number of credits completed in the science core. The AST is designed to meet prerequisites for entrance into a four-year college or university science program in Washington State. General education credits are reduced therefore transfer students may need to take general education requirements after transfer. Students are urged to consult with an advisor prior to the selection of courses to ensure that they meet the requirements of the college or university to which they plan to transfer. Early contact with the admissions officer of the transfer institution will help ensure that entrance requirements for specific majors are completed. Many of the courses are prerequisite to or specifically supportive of the technical degree programs. A cumulative GPA of at least 2.00 in courses numbered 100 to 299 is required for completion of the AST degree.

Associate of Applied Science - Transfer Degree (AAS-T)

The Associate of Applied Science-Transfer (AAS -T) degree is built upon the technical courses required for job preparation and includes a college level general education component. The general education courses for the AAS-T degree are drawn from the list of associate degree courses generally accepted in transfer. The Associate of Applied Science-Transfer (AAS-T) is a professional-technical degree with a core of general education courses commonly accepted in transfer. In general, professional-technical degrees are not designed for transfer to other colleges or universities, however several four-year colleges and universities have specific bachelor degree programs that accept the Associate in Applied Science-Transfer (AAS-T) degree. A cumulative GPA of at least 2.00 in courses numbered 100 to 299 is required for completion of the AAS-T degree.

Associate of Technical Arts Degree (ATA)

The Associate of Technical Arts (ATA) degree represents a program of study designed for immediate application within an occupational field. This degree places early concentration on the skills and technical aspects of the student's chosen occupational field. Although the occupational degree program may contain courses transferable to other colleges, transferability of credits remains the sole prerogative of the college or university to which the student transfers. Students must complete a minimum of 90 credits including specified core and related instructional requirements. General education requirements vary, depending on the degree. A cumulative GPA of at least 2.00 in courses numbered 100 to 299 is required for completion of the ATA degree.

Certificate

Certificate programs are designed to prepare students in general studies or entry into technical fields of employment. Most certificate programs can be completed in one year. Requirements for completion include a minimum of 45 credits with a minimum GPA of 2.00 in courses numbered 100 to 299.

Awards of Completion offered at NWIC

Awards of Completion are academic training programs consisting of a cluster or sequence of credit courses that focus on a particular area of study, usually for professional technical training purposes. Awards of Completion consist of fewer than 45 credits and do not contain a general education component. Awards of Completion are not eligible for Financial Aid.

Programs of Study Offered at NWIC

Bachelor of Science Degree
NATIVE ENVIRONMENTAL SCIENCE

The Native Environmental Science Bachelor Degree is intended to meet the critical need for effective Native American leaders and environmental scientists who are rooted in their culture. This program will emphasize and explore the interrelatedness of Native ways of knowing, traditional ecological knowledge and "western" science. Prominent aspects of the program include hands-on learning and the involvement of students in community service, research and internships. The program will prepare graduates to work within tribal communities in support of environmental stewardship, conservation and revitalization. This program was designed with considerable input from Pacific Northwest Tribal elders, leaders, environmental managers, educators and students. Students may choose between the Environmental Science Option and the Interdisciplinary Concentration. Students must complete at least 60 credits at the 300-499 level.

ENVIRONMENTAL SCIENCE OPTION

The Environmental Science option is intended for students interested in pursuing careers in the fields of biology or environmental science using the tools of western science. Students completing this option may also be interested in pursuing graduate studies in environmental science. The Environmental Science option consists of 56 credits, 35 credits of which are required courses and 21 elective credits.

PREREQUISITE REQUIREMENTS

Students are expected to complete the AAS in Native Environmental Science degree or a program satisfying the Direct Transfer Agreement (DTA) requirements at NWIC or another college or university totaling 90 credits with the following courses or their equivalents as the foundation for junior standing in Native Environmental Science:

CHEM 111	Inorganic Chemistry, or CHEM 121	5
CHEM 112	Organic Chemistry	5
CHEM 113	Biochemistry	5
GEOL 101	Introduction to Geology, or 111 (101 suggested for environmental science option)	5
MATH 102	College Algebra	5
MATH 107	Elementary Statistics I	5
POLS 225	History of Federal Indian Policy	5

TOTAL PREREQUISITE COURSE REQUIREMENTS **35**

TOTAL PREREQUISITE REQUIREMENTS (Including other DTA requirements) **90**

NATIVE ENVIRONMENTAL SCIENCE CORE REQUIREMENTS – Must be taken at NWIC

NESC 301	The Ecology of the First People	3
NESC 310	Native Science	5
NESC 393A-C	Native Environmental Science Seminar III (1 credit per quarter for 3 quarters)	3
NESC 493A-C	Native Environmental Science Seminar IV (1 credit per quarter for 3 quarters)	3
NESC 497	Internship in Native Environmental Science	5
NESC 499A	Native Environmental Science Capstone Project (taken during the junior year)	5
NESC 499B	Native Environmental Science Capstone Project (taken during the senior year)	5
POLS 319	From the Beginning of Time: Native American Fishing Rights	5

TOTAL NATIVE ENVIRONMENTAL SCIENCE CORE REQUIREMENTS **34**

ENVIRONMENTAL SCIENCE OPTION REQUIRED COURSES

BIOL 201	Cell Biology	5
BIOL 202	Plant Biology	5
BIOL 203	Animal Biology	5
BIOL 310	Ecology	5
MATH 210	Biostatistics	5

and

A COMBINATION OF TWO OF THE THREE FOLLOWING COURSES:

ENVS 430 **OR**	Aquatic Ecology, **OR**	5 each
ENVS 440 **OR**	Ecology of the Salish Sea, **OR**	
ENVS 481	Ecophysiology	

TOTAL ENVIRONMENTAL SCIENCE OPTION REQUIRED COURSES **35**

Continued on next page

BACHELOR OF SCIENCE DEGREE
NATIVE ENVIRONMENTAL SCIENCE—continued

ELECTIVES **26**

Choose electives from BIOL, BUAD, CHEM, CMPS, COMH, ECON, ENVS, GEOG, GEOL, MATH, NASD, NESC, PHYS or POLS departments. A minimum of 11 credits must be at the 300-499 level. A maximum of 10 elective credits may be taken through individualized learning coursework (courses numbered 189, 289, 389, or 489) following the Native Environmental Sciences individualized course guidelines.

TOTAL ENVIRONMENTAL SCIENCE OPTION REQUIREMENTS **56**

TOTAL NATIVE ENVIRONMENTAL SCIENCE CORE REQUIREMENTS **90**

TOTAL DEGREE REQUIREMENTS **180**

INTERDISCIPLINARY CONCENTRATION OPTION

The Interdisciplinary Concentration allows students flexibility in designing a program that meets their own academic, professional and personal goals within the framework of the Native Environmental Science degree. Students design a concentration under the guidance of a concentration committee. The Native Environmental Science Program Handbook provides guidelines for constructing a concentration. This option requires students to take significant responsibility for the concentration's design and development. The Interdisciplinary Concentration consists of 56 credits, 5 credits of which are required courses, 30 credits of courses that already exist at NWIC or approved upper division courses at Western Washington University or another college or university, plus 21 credits of individualized courses developed within the student's concentration following the Native Environmental Sciences individualized learning course guidelines. At least 26 credits of the concentration courses, which include NESC 305, must be at the 300-499 level.

PREREQUISITE REQUIREMENTS

Students are expected to complete the AAS in Native Environmental Science degree or a program satisfying the Direct Transfer Agreement (DTA) requirements at NWIC or another college or university totaling 90 credits with the following courses or their equivalents as the foundation for junior standing in Native Environmental Science:

BIOL 101	Introduction to Biology, or BIOL 100, 130, or 201	5
CHEM 111	Inorganic Chemistry, or CHEM 121	5
GEOL 101	Introduction to Geology, or 111 (101 suggested for environmental science option)	5
MATH 102	College Algebra, or Math 107	5
POLS 225	History of Federal Indian Policy	5

TOTAL PREREQUISITE COURSE REQUIREMENTS **25**

TOTAL PREREQUISITE REQUIREMENTS (Including other DTA requirements) **90**

NATIVE ENVIRONMENTAL SCIENCE CORE REQUIREMENTS – Must be Taken at NWIC

NESC 301	The Ecology of the First People	3
NESC 310	Native Science	5
NESC 393A-C	Native Environmental Science Seminar III (1 credit per quarter for 3 quarters)	3
NESC 493A-C	Native Environmental Science Seminar IV (1 credit per quarter for 3 quarters)	3
NESC 497	Internship in Native Environmental Science	5
NESC 499A	Native Environmental Science Capstone Project (taken during the junior year)	5
NESC 499B	Native Environmental Science Capstone Project (taken during the senior year)	5
POLS 319	From the Beginning of Time: Native American Fishing Rights	5

TOTAL NATIVE ENVIRONMENTAL SCIENCE CORE REQUIREMENTS **34**

INTERDISCIPLINARY CONCENTRATION REQUIREMENTS (Minimum 26 credits must be 300-499)

NESC 305	Native Environmental Science Concentration Seminar (taken 1st or 2nd quarter in concentration; prerequisite: NESC 303)	5
Existing courses taken within concentration		30
Individualized learning courses within concentration		21

Individualized learning courses focus on key areas of inquiry contained in the concentration, such as: relevant work experience, travel study projects, service learning, field school, and volunteer projects. At least 5 credits will be service learning project.

TOTAL INTERDISCIPLINARY CONCENTRATION REQUIREMENTS **56**

TOTAL NATIVE ENVIRONMENTAL SCIENCE CORE REQUIREMENTS **90**

Continued on next page

BACHELOR OF SCIENCE DEGREE
NATIVE ENVIRONMENTAL SCIENCE - continued

Program Outcomes for the Bachelor of Science in Native Environmental Science:

Communications: Students will be able to...
- Explain the purpose of communication.
- Communicate effectively.
- Analyze the audience and modify the communication to suit that audience.
- Recognize and utilize appropriate information in communication.
- Evaluate the effectiveness of the communication and make adjustments if and where necessary.
- Use exposition, negotiation, persuasion, and argumentation.

"Ways of Finding Out": Students will be able to...
- Selectively use a broad range of scientific approaches to data collection and analysis tools and methodologies for problem solving.
- Use appropriate data collection and analysis tools and methodologies within their limitations.
- View the environment from a past, present, and future perspective.

Bodies of Knowledge: Students will be able to...
- Demonstrate competence in bodies of knowledge associated with environmental science (e.g., chemistry, biology, ecology, etc.).

Technology: Students will be able to...
- Use technologies useful in the environmental sciences and be proficient in selected technology use.
- Match the intended purpose/intent with the appropriate technology.

Problem Solving: Students will be able to...
- Identify issues, concerns, and/or problems that need corrective and restorative action.
- Research and gather appropriate information from appropriate resources to propose possible solutions, taking into account impacts on stakeholders.
- Write an action plan that implements the proposed solution taking into consideration the possibility of reassessing the original proposal.
- Implement the action plan.

Leadership and Effectiveness: Students will be able to...
- Articulate the diversity in spirituality, culture, and language.
- Articulate their own identity in terms of a sense of place and their people.
- Demonstrate knowledge of Native American and other models of leadership.
- Demonstrate effective leadership skills.

Programs of Study Offered at NWIC

ASSOCIATE OF ARTS AND SCIENCES DEGREE
NATIVE AMERICAN STUDIES

The Associate of Arts and Sciences degree in Native American Studies provides core courses that introduce students to Native culture, history, language and values while increasing understanding of the unique political status, rights, and responsibilities of tribal nations. The emphasis is on providing students with a broad and realistic understanding of issues that impact Native communities and people. The Native American Studies degree program is a direct transfer degree designed for students who are interested in transferring to a four-year college or university to complete a bachelor's degree. Students should consult with their advisor to determine the appropriate courses for their area of interest and to ensure that they meet the requirements of the college or university to which they plan to transfer.

NORTHWEST INDIAN COLLEGE REQUIREMENTS

BIOL 104	Biology and Natural History of Place (meets NSL requirement)	5
CMPS 101	Introduction to Computers, or above	3
EDUC 110	History of Native American Education (meets SS requirement)	3
ENGL 236	Survey of Native American Literature (meets HT requirement)	5
HIST 111	Pre-contact Native American History (meets SS requirement)	2
HIST 112	Post-contact Native American History (meets SS requirement)	3
HMDV 110	Introduction to Successful Learning	4
NASD 105A-C	Northwest Indian College Seminar (1 credit per quarter for 3 quarters)	3
NASD 110	Introduction to Native American Studies (meets SS requirement)	3
POLS 225	History of Federal Indian Policy (meets SS requirement)	5
TOTAL NORTHWEST INDIAN COLLEGE REQUIREMENTS		**36**

GENERAL EDUCATION REQUIREMENTS – Refer to pages 66-99 for AAS Distribution Codes and Courses

ENGL 101	English Composition I	5
ENGL 102 **OR** ENGL 202	English Composition II **OR** Technical Writing	5
CMST 101 **OR** CMST 210 **OR** CMST 220	Introduction to Oral Communication **OR** Interpersonal Communication **OR** Public Speaking	4
MATH 102	College Algebra or higher (meets Quantitative Skills requirement)	5
Humanities Distribution – Courses from at least two disciplines coded HP (max 5 credits) or HT		10
Social Sciences Distribution (All credits met in Northwest Indian College Requirements)		0
Natural Sciences Distribution – 5 credits in a physical science; one course other than Biology		10
Native American Studies (All credits met in Northwest Indian College Requirements)		0
Electives – AAS Distribution courses coded CS, QS, HT, HP, SS, NS, NSL or TE		7
Electives – Any course numbered 100 to 299		8
TOTAL GENERAL EDUCATION REQUIREMENTS		**54**

TOTAL DEGREE REQUIREMENTS **90**

Students who declare the Native American Studies degree as their program of study may choose to focus on a specific area of interest such as tribal law and government, tribal environmental studies, tribal culture and society or tribal language. Courses should be chosen in consultation with their Advisor.

Program Outcomes for the AAS in Native American Studies:

***Place:* Students will be able to:**
- Express the importance of place in creation stories
- Explain the historical and cultural importance of the land in defining tribal life.
- Demonstrate an understanding of the interconnectedness of life and their role.

***Identity:* Students will be able to:**
- Outline those important characteristics – such as language, culture and spirituality – that combine to create a tribal identity.
- Explain their responsibilities as a member of their family, and to the broader tribal community.
- Illustrate the various ways in which tribal identity is expressed in contemporary society.

***Sovereignty:* Students will be able to:**
- Explain the historical and cultural based concept of inherent tribal sovereignty.
- Outline the development of federal Indian policy.
- List the major components of tribal sovereignty as it exists today.

***Culture:* Students will be able to:**
- Explain the traditional body of law and knowledge that form the foundation of tribal life.
- Articulate elements of Tribal spirituality
- Interpret the important components of spirituality as expressed on tribal prayer and ceremonialism.

Programs of Study Offered at NWIC

ASSOCIATE OF ARTS AND SCIENCES DEGREE
NATIVE ENVIRONMENTAL SCIENCE

The Associate of Arts and Sciences degree in Native Environmental Science provides a foundation in the sciences, Native American studies, and general education courses as preparation for continuing toward the Bachelor of Science in Native Environmental Science program. The Associate of Arts and Sciences in Native Environmental Science satisfies the direct transfer degree requirements and may be used to transfer to a bachelor program at another college or university. Students completing the Associate of Arts and Sciences in Native Environmental Science will be prepared to continue in the Bachelor of Science in Native Environmental Science degree program at the junior level with all prerequisites met.

NORTHWEST INDIAN COLLEGE REQUIREMENTS

CMPS 101	Introduction to Computers, or above	3
HMDV 110	Introduction to Successful Learning	4
NASD 105 A-C	Northwest Indian College Seminar (1 credit per quarter for 3 quarters)	3

TOTAL NORTHWEST INDIAN COLLEGE REQUIREMENT **10**

GENERAL EDUCATION REQUIREMENTS – Refer to pages 70-102 for AAS Distribution Codes and Courses

ENGL 101	English Composition I (meets Communication Skills requirement)	5
ENGL 102 **OR** ENGL 202	English Composition II (meets Communication Skills requirement) **OR** Technical Writing	5
CMST 101 **OR** CMST 210 **OR** CMST 220	Introduction to Oral Communication, **OR** Interpersonal Communication **OR** Public Speaking	4
MATH 102	College Algebra, or Math 107 (meets Quantitative Skills requirement)	5
Natural Science NASD Requirement: BIOL 104 or ENVS 201or ENVS 240 (NS,NASD)		5
Humanities Distribution (At least 5 credits must be coded NASD)		15
Social Sciences Distribution (5 credits met in core)		10
Natural Sciences Distribution (all credits met in core)		0
Native American Studies (20 credits met in requirements)		0
Electives— Any course numbered 100 to 299		8

TOTAL GENERAL EDUCATION REQUIREMENTS **57**

CORE NATIVE ENVIRONMENTAL SCIENCE REQUIREMENTS

BIOL 101	Introduction to Biology or BIOL 100, 111, 130, or 201* (NSL)	5
CHEM 111*	Inorganic Chemistry, or CHEM 121 (NSL)	5
GEOL 101*	Introduction to Geology or GEOL 111 (NSL)	5
NESC 293A-C	Native Environmental Science Seminar II (1 credit per quarter for 3 quarters)	3
POLS 225	History of Federal Indian Policy (SS, NASD)	5

TOTAL CORE NATIVE ENVIRONMENTAL SCIENCE REQUIREMENTS **23**

*Suggested for Environmental Science Option, see Bachelor of Science description (page 45) for details.

Students wanting to pursue the Environmental Science option in the Bachelor of Science in Native Environmental Science program are encouraged to complete the following courses as part of their elective choices:

CHEM 112	Organic Chemistry (NSL)	5
CHEM 113	Biochemistry (NSL)	5
Both MATH 107 Elementary Statistics I and MATH 102 College Algebra (QS)		5
BIOL 202	Plant Biology (NSL)	5
BIOL 203	Animal Biology (NSL)	5

TOTAL DEGREE REQUIREMENTS **90**

Program Outcomes for the AAS in Native Environmental Science:

Written communication Students will be able to...
- Express themselves effectively using a variety of writing styles.
- Write a research paper.

Quantitative reasoning: Students will be able to...
- Collect, organize, analyze and synthesize data.
- Graph and understand equations.
- Use mathematics to depict relationships and to solve problems.

Continued on next page

ASSOCIATE OF ARTS AND SCIENCES DEGREE
NATIVE ENVIRONMENTAL SCIENCE—continued

PROGRAM OUTCOMES continued

Oral communication: Students will be able to...
- Communicate effectively.
- Analyze the audience and modify the communication to suit that audience.
- Evaluate the effectiveness of the communication and make adjustments if and where necessary.
- Use exposition, negotiation, persuasion and argumentation.

Bodies of Knowledge: Students will be able to...
- Demonstrate competence in chemistry, biology and other foundational bodies of knowledge that support scientific understanding.
- Demonstrate familiarity with local ecosystems.

"Ways of Finding Out": Students will be able to...
- Read and understand scientific literature.
- Design and conduct a simple experiment.
- Understand how to ask to learn traditional knowledge.
- View the environment from a past, present and future perspective.

Technology: Students will be able to...
- Use a spreadsheet program to enter and analyze data.
- Use presentation software.
- Discuss the limitations of technology.

Leadership and Effectiveness: Students will be able to...
- Articulate the diversity in spirituality, culture and language.
- Articulate their own identity in terms of a sense of place and their people.
- Demonstrate knowledge of Native American and other models of leadership.
- Demonstrate effective leadership skills.

Programs of Study Offered at NWIC

ASSOCIATE OF ARTS AND SCIENCES DEGREE
NATIVE OKSALE* EDUCATION

The AAS in Native Oksale* Education provides core education courses in the context of a Native American Studies curriculum for students interested in pursuing teaching careers. The Native Oksale Education program is a direct transfer degree designed for students who are interested in teaching at the K-8 level and transferring to a four-year college or university to complete a bachelor's degree. Students need to consult with their advisor before selecting courses to ensure that they meet the requirements of the college or university to which they plan to transfer.

NORTHWEST INDIAN COLLEGE REQUIREMENTS

BIOL 104	Biology and Natural History of Place (meets NSL requirement)	5
CMPS 101	Introduction to Computers, or above	3
EDUC 110	History of Native American Education (meets SS requirement)	3
ENGL 236	Survey of Native American Literature (meets HT requirement)	5
HIST 111	Pre-contact Native American History (meets SS requirement)	2
HIST 112	Post-contact Native American History (meets SS requirement)	3
HMDV 110	Introduction to Successful Learning	4
NASD 105A-C	Northwest Indian College Seminar (1 credit per quarter for 3 quarters)	3
NASD 110	Introduction to Native American Studies (meets SS requirement)	3
POLS 225	History of Federal Indian Policy (meets SS requirement)	5
TOTAL NORTHWEST INDIAN COLLEGE REQUIREMENT		**36**

GENERAL EDUCATION REQUIREMENTS – Refer to pages 66-99 for AAS Distribution Codes and Courses

ENGL 101	English Composition I	5
ENGL 102 **OR** ENGL 202	English Composition II **OR** Technical Writing	5
CMST 220	Public Speaking	4
MATH 102	College Algebra or higher (meets Quantitative Skills requirement)	5
HIST 216	American Studies	5
NASD 101	Conversational Native American Language I	3
NASD 102	Conversational Native American Language II	3
PSYC 101	General Psychology	5
SOCI 101	Introduction to Sociology	5
Humanities Distribution – 5 credits coded HT		5
Social Sciences Distribution (All credits met in Northwest Indian College Requirements)		0
Natural Sciences Distribution – 5 credits in a physical science course; one course other than Biology		10
Native American Studies (All credits met in Northwest Indian College Requirements)		0
TOTAL GENERAL EDUCATION REQUIREMENTS		**55**

CORE EDUCATION REQUIREMENTS

EDUC 102	Introduction to Teaching	3
TOTAL CORE EDUCATION REQUIREMENTS		**3**
TOTAL DEGREE REQUIREMENTS		**94**

*Oksale is the Lummi word for "Teacher"

Programs of Study Offered at NWIC

ASSOCIATE OF ARTS AND SCIENCES DEGREE
GENERAL DIRECT TRANSFER

The Associate of Arts and Sciences General Transfer Degree is designed for students to explore and develop skills in global issues, communication, natural sciences, cultural awareness, social conditions and critical thinking. The degree is designed for students who are interested in transferring to a four-year college or university to complete a bachelor's degree. Students should consult with their advisor to ensure that courses selected meet the requirements of the college or university to which they plan to transfer.

A. Basic Skills Requirements

1	**COMMUNICATION SKILLS (CS)**	**14 Credits**

- Must include at least two courses in English Composition.
- Choose three courses, one from each category:
  - a. ENGL 101
  - b. ENGL 102 or 202
  - c. CMST 101, 210, or 220

2	**QUANTITATIVE SKILLS (QS)**	**5 Credits**

- Courses used to satisfy Quantitative Skills **cannot** also be used to satisfy Natural Science requirements. Choose courses from the following:

MATH 102, 103, 105, 107, 124, 125, 126, 151, 207, 210
PHIL 120

B. Distribution Requirements

1	**HUMANITIES (HT or HP)**	**15 Credits**

- Choose courses from at least two of the following departments with no more than 10 credits from any one department.
- No more than 5 credits in performance/skills courses allowed (HP).
- Choose at least 10 credits of courses with emphasis on theory (HT). All theory classes are writing enriched. Designated *.
- Include at least 5 credits of courses coded HT or HP that are also coded NASD, designated ^.

ARTD	103*^, 105*^, 106*^, 115*^, 116*^, 146^, 147^, 151^, 152^, 153^, 171^, 172^, 173^, 174^, 175^ 185^, 258*^
CMST	130*, 210*, 220*
DRMA	101, 102, 103, 207*^, 210*
ENGL	148*^, 155*, 156*, 236*^, 237*^
HMTS	109*, 110*, 201*^
LING	120^, 205*
NASD	101^, 102^, 103^, 115^, 116^, 118^, 119^, 125^, 126^, 137^, 138^, 203^, 204^, 205^, 240*^
PHIL	101*^, 140*^, 235*^

2	**SOCIAL SCIENCES (SS)**	**15 Credits**

- Choose courses from at least two of the following departments with no more than 10 credits from any one department. All courses are writing enriched.
- Include at least 5 credits of courses coded SS that are also coded NASD, designated ^.

ANTH	103, 150^, 202^
BUAD	202
ECED	101
ECON	201, 202
EDUC	110^
HIST	111^, 112^, 120^, 215^, 216^
NASD	110^, 131^, 132^, 202^
POLS	115, 118^, 119^, 125^, 225^, 240^
PSYC	101, 201, 210, 220
SOCI	110

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ASSOCIATE OF ARTS AND SCIENCES DEGREE
GENERAL DIRECT TRANSFER—continued

3.	NATURAL SCIENCES (NS or NSL)	15 Credits

- Choose courses from at least two of the following departments with no more than 10 credits from any one department. All courses are writing enriched, except math.
- Include at least 10 credits in physical or biological sciences.
- Include at least one laboratory class. Designated *
- Include at least 5 credits of courses coded NS or NSL that are also coded NASD, designated ^.

ANTH	201
ASTR	101*
BIOL	100, 101*, 104*^, 111*, 130*, 140^, 201*, 202*, 203*, 205, 210, 215*, 241*, 242*, 243*, 245*
CHEM	100*, 111*, 112*, 113*, 121*, 122*, 123*, 231*, 232*
ENVS	105*, 108, 201*^ 210*, 211*, 212*, 213*, 225*, 226*, 240^, 265*
GEOG	203*
GEOL	101*, 111*, 211*
MATH	102, 103, 105, 107, 124, 125, 126, 151, 207, 210, 281
PHYS	101*, 102*, 103*, 111*
SCIE	101*

C. Other Requirements

1.	NATIVE AMERICAN STUDIES (NASD)	20 Credits

- Courses fulfilling the Native American Studies requirement focus primarily on Native American culture and are found throughout the curriculum (coded NASD).
- Courses fulfilling the Native American Studies requirement are counted for credit in Distribution or Electives areas.
- Choose a minimum of 5 credits each in the Humanities, Social Sciences, and Natural Sciences distribution areas. The Additional 5 credits may be chosen from distribution courses or electives.

2.	STUDENT SUCCESS COURSES	7 Credits

- HMDV 110 – Introduction to Successful Learning
- CMPS 101, or above. Please note: If a computer course coded NE (Non-transfer Elective) is substituted, 3 additional credits of Transfer Electives (coded TE) must be chosen.

3.	ELECTIVES (TE or NE)	19 Credits

- A minimum of 8 credits must be chosen in at least two departments from AAS Distribution courses (coded CS, HP, HT, NS, NSL, QS, SS) or Transfer Electives (coded TE).
- A maximum of 3 Physical Education activity credits may be used as TE electives.
- A maximum of 11 credits may be chosen from any course numbered 100 to 299.

TOTAL DEGREE REQUIREMENTS **90 CREDITS**

Program Outcomes for the AAS in General Direct Transfer:

Organize: *Students will be able to …*
Prioritize effectively to accomplish goals.
Prepare for, engage in, and complete tasks, projects, and procedures.
Apply logic and organizational skills essential to a successful life experience.

Analyze and Synthesize: *Students will be able to …*
Use information, logical reasoning processes, and analysis to solve problems in a variety of contexts.
Formulate and apply critical thinking in a variety of situations and content disciplines.
Effectively assess the legitimacy of information sources.
Demonstrate an awareness of the inter-relationships of various disciplines.

Value: *Students will be able to …*
Identify, internalize, and exemplify their own personal and cultural values.
Receive, accept, and respond to a diverse range of ideas, cultures, and worldviews.
Define what it means to value and respect a culturally diverse environment.

Know: *Students will be able to …*
Demonstrate a solid knowledge base in all DTA content areas.
Construct a foundation of Indigenous Knowledge.

Apply: *Students will be able to …*
Engage in civic responsibility.
Provide leadership.
Create.

Programs of Study Offered at NWIC

ASSOCIATE OF SCIENCE TRANSFER DEGREE
LIFE SCIENCES

The Associate of Science Transfer degree in Life Sciences provides core courses in science and mathematics in the context of a Native American Studies curriculum for students interested in pursuing careers in marine biology, health sciences or natural resources. The Life Sciences degree is designed to meet most of the prerequisites for entrance into a four-year college or university science program in Washington State. The number of required non-science courses is reduced therefore transfer students must complete additional General University Requirements (GUR/GER) after transfer. Students completing the Life Sciences degree will be given priority status for admission by most Washington State baccalaureate granting institutions and will be given junior status. Students need to consult with their advisor before selecting courses to ensure that they meet the requirements of the college or university to which they plan to transfer.

NORTHWEST INDIAN COLLEGE REQUIREMENTS

BIOL 104	Biology and Natural History of Place (meets NSL requirement)	5
CMPS 101	Introduction to Computers, or above	3
ENGL 236	Survey of Native American Literature (meets HT requirement)	5
HIST 111	Pre-contact Native American History (meets SS requirement)	2
HIST 112	Post-contact Native American History (meets SS requirement)	3
HMDV 110	Introduction to Successful Learning	4
NASD 105A-C	105A-C Northwest Indian College Seminar (1 credit per quarter for 3 quarters)	3
NASD 110	Introduction to Native American Studies (meets SS requirement)	3
POLS 225	History of Federal Indian Policy (meets SS requirement)	5

TOTAL NORTHWEST INDIAN COLLEGE REQUIREMENTS **33**

GENERAL EDUCATION REQUIREMENTS

ENGL 101	English Composition I	5
Humanities (All credits met in Northwest Indian College Requirements)		0
Social Sciences (All credits met in Northwest Indian College Requirements)		0
Natural Sciences (All credits met in Northwest Indian College Requirements)		0
Native American Studies (All credits met in Northwest Indian College Requirements)		0

TOTAL GENERAL EDUCATION REQUIREMENTS **5**

CORE LIFE SCIENCES REQUIREMENTS

TOTAL CORE LIFE SCIENCES REQUIREMENTS **55**

BIOL 201	Cell Biology	5
BIOL 202	Plant Biology	5
BIOL 203	Animal Biology	5
CHEM 111	Inorganic Chemistry	5
CHEM 112	Organic Chemistry	5
CHEM 113	Biochemistry	5
MATH 107	Elementary Statistics I	5
MATH 124	Calculus & Analytic Geometry I	5
MATH 125	Calculus & Analytic Geometry II	5
Additional credits in Biology, Chemistry, Physics, Mathematics, Environmental and other Sciences chosen in consultation with faculty advisor		10

TOTAL DEGREE REQUIREMENTS **93**

Programs of Study Offered at NWIC

Associate of Arts and Sciences Degree
Business and Entrepreneurship

The Associate of Arts and Sciences degree in Business and Entrepreneurship provides students with essential quantitative, communication, and core business skills and knowledge to immediately perform successfully in a commercial enterprise or community organization. Additionally, the concentration areas of the program allow students to customize their degree to focus specifically on casino management, entrepreneurial pursuits, or preparation for a baccalaureate program in business. The program is a direct transfer degree designed for students who may be interested in pursuing a baccalaureate degree at Northwest Indian College or another four-year college or university. Students interested in continuing toward a baccalaureate program should consult with an NWIC advisor before selecting courses to ensure the requirements are met for those programs.

NORTHWEST INDIAN COLLEGE REQUIREMENTS

BIOL 104	Biology and Natural History of Place	5
CMPS 101	Introduction to Computers, or above	3
HIST 111	Pre-contact Native American History	2
HIST 112	Post-contact Native American History	3
HMDV 110	Introduction to Successful Learning	4
NASD 110	Introduction to Native American Studies	3

TOTAL NORTHWEST INDIAN COLLEGE REQUIREMENTS **20**

GENERAL EDUCATION REQUIREMENTS

ENGL 101	English Composition I	5
ENGL 102 **OR** ENGL 202	English Composition II ***OR*** Technical Writing	5
ENGL 236	Survey of Native American Literature	5
CMST 101 **OR** CMST 210 **OR** CMST 220	Introduction to Oral Communication ***OR*** Interpersonal Communication **OR** Public Speaking	4
MATH 107	Elementary Statistics I	5

Humanities (HT or HP—a maximum of 5 credits can be HP)	10
Social Sciences (SS—All 15 credits met in NWIC and Core Business Administration Requirements)	0
Natural Sciences (NS or NSL—5 credits met in NWIC Requirements)	10
(Note: 2 credits designated NASD are required, which may be included in the above courses.)	

TOTAL GENERAL EDUCATION REQUIREMENTS **44**

CORE BUSINESS AND ENTREPRENEURSHIP REQUIREMENTS

BUAD 202	Business Law	5
BUAD 212	Financial Accounting	5
ECON 201	Principles of Macroeconomics	5
ECON 202	Principles of Microeconomics	5

TOTAL CORE BUSINESS AND ENTREPRENEURSHIP REQUIREMENTS **20**

BUSINESS CONCENTRATION REQUIREMENTS

Students may choose from the concentration areas listed below to complete graduation or transfer requirements. These courses may satisfy general education requirements and may also lead toward a concentration area. Please work with your advisor to determine the appropriate concentration for your area of interest. Students who do not select a concentration area will need to choose at least six elective credits to complete the 90 credit minimum required for graduation.

Tribal Casino Management	Tribal Entrepreneurship	Tribal Business Administration	General Business (No concentration selected)
HRCM 111 Introduction to Casino Management 5 credits	BUAD 121 Personal & Small Business Finance 3 credits	MATH 124 Calculus & Analytic Geometry 5 credits	Choose at least 6 elective credits
HRCM 270 Building Human Capital 3 credits	BUAD 135 Small Business Management 3 credits	BUAD 235 Managerial Accounting 5 credits	
HRCM 280 Cultural Diversity & Marketing 3 credits	BUAD 140 Small Business Entrepreneur 6 credits		

TOTAL CONCENTRATION REQUIREMENTS **6-12**

MINIMUM DEGREE REQUIREMENTS **90-96**

Continued on next page

Programs of Study Offered at NWIC

ASSOCIATE OF ARTS AND SCIENCES DEGREE
BUSINESS AND ENTREPRENEURSHIP —continued

Program Outcomes for the AAS in Business and Entrepreneurship Program:

General Principles of Business Operations and Management
Students will be able to...
- Explain business processes including Accounting, Human Resources, Marketing, and Sales
- Describe a variety of management practices and organizational structures
- Outline important principles and impacts of business law on commercial enterprises
- Compare and contrast various leadership philosophies

National and International Economies
Students will be able to...
- Categorize businesses and industries based upon customer market segments
- Define international trade metrics, governing bodies, and trade barriers
- Explain the impacts of supply and demand on local, national, and international economies
- Differentiate between nominal and real economic statistics

Quantitative Analysis
Students will be able to...
- Apply appropriate financial metrics for measuring business performance
- Calculate financial ratios given requisite information
- Analyze and integrate financial metrics into the business decision making process

Communication
Students will be able to...
- Clearly articulate meaningful business information in both verbal and written forms
- Utilize business terminology and concepts to describe the current business environment
- Share knowledge of effective business practices with their local communities

Ethics
Students will be able to...
- Discuss the principles and practical application of Social Responsibility
- Critique real-world examples of business ethics
- Apply ethical theories to their local environment and community
- Distinguish between the characteristics of ethical and legal actions



Programs of Study Offered at NWIC

ASSOCIATE OF APPLIED SCIENCE - TRANSFER DEGREE
EARLY CHILDHOOD EDUCATION

The Associate of Arts and Sciences-Transfer degree in Early Childhood Education is designed for people pursuing careers in the early care and education field. With a strong emphasis in early childhood, students are prepared for positions as lead teachers and for a variety of other employment opportunities in Head Start, childcare, and other birth-to-six programs. The student is also prepared to transfer to specific four-year degree programs. Students interested in transferring should consult with an NWIC advisor before selecting courses to ensure that they meet the requirements of the college or university of their choice.

NORTHWEST INDIAN COLLEGE REQUIREMENTS

BIOL 104	Biology and Natural History of Place (meets NSL requirement)	5
CMPS 101	Introduction to Computers, or above	3
HIST 111	Pre-contact Native American History (meets SS requirement)	2
HIST 112	Post-contact Native American History (meets SS requirement)	3
HMDV 110	Introduction to Successful Learning	4
NASD 110	Introduction to Native American Studies (meets SS requirement)	3

TOTAL NORTHWEST INDIAN COLLEGE REQUIREMENTS **20**

GENERAL EDUCATION REQUIREMENTS – Refer to pages 66-99 for AAS Distribution Codes and Courses

ENGL 101	English Composition I	5
ENGL 102 **OR**	English Composition II **OR**	
ENGL 202	Technical Writing	5
CMST 101 **OR**	Introduction to Oral Communication **OR**	
CMST 210 **OR**	Interpersonal Communication **OR**	4
CMST 220	Public Speaking	
MATH 102	College Algebra or higher (meets Quantitative Skills requirement)	5
NASD 101	Conversational Native American Language I	3
Humanities Distribution – 3 credits		3
Social Sciences Distribution (All credits met in Northwest Indian College Requirements)		0
Natural Sciences Distribution (All credits met in Northwest Indian College Requirements		0
Native American Studies (All credits met in Northwest Indian College Requirements)		0

TOTAL GENERAL EDUCATION REQUIREMENTS **25**

ECED 100	Early Educators & Young Learners	3
ECED 101	Intro to Early Childhood Education (meets SS requirement)	5
ECED 103	Practices and Plans to Support Development	3
ECED 104	Early Childhood Program Management	3
ECED 106 **OR**	Guidance in Early Childhood **OR**	
ECED 106 A,B,C	**A.** Building Relationships & Understanding Behavior **B.** The Encouraging Classroom **C.** Positive Guidance 1 credit each	3
ECED 107	Frameworks for Early Childhood Education	3
ECED 206	Building Relationships: Culture, Family, Community	3
ECED 210	Early Childhood Development	3
ECED 212	Observation, Documentation, and Assessment	3
ECED 213 **OR**	Preschool Curriculum Development **OR**	
ECED 160	Infant-Toddler Caregiving	3
ECED 220	Language and Literacy Development	3
ECED 221	Health, Safety and Legal Issues	3
ECED 197A	Practicum I: Expressing Warmth to Children	3
ECED 197B	Practicum II: Playing Responsively	3
ECED 297A	Practicum III: Talking Informatively	3
ECED 297B	Practicum IV: Attending to Initiative, Cooperation and Perseverance	3

TOTAL CORE EARLY CHILDHOOD EDUCATION REQUIREMENTS **50**

RECOMMENDED NWIC SEMINAR COURSES

NASD 105A-C	Northwest Indian College Seminar (1 credit per quarter for 3 quarters)	3

TOTAL DEGREE REQUIREMENTS **95**

Continued on next page

Programs of Study Offered at NWIC

ASSOCIATE OF APPLIED SCIENCE - TRANSFER DEGREE
EARLY CHILDHOOD EDUCATION - continued

Program Outcomes for the AAS-T in Early Childhood Education:

Building Family and Community Relationships: Students will be able to...
- Describe and reflect upon family and community characteristics.
- Support and empower families and communities through respectful and reciprocal relationships.
- Involve families and communities in their children's development and learning.
- Assist families in reinforcing resilience and accessing resources.

Observing, Documenting, and Assessing: Students will be able to...
- Articulate the goals, benefits, uses, and responsible uses of assessment.
- Use observation, documentation, and other appropriate assessment tools and approaches.
- Articulate uses of assessment in partnership with families and other professionals.

Teaching and Learning: Students will be able to...
- Analyze the importance of and demonstrate their ability to connect with children.
- Use developmentally effective approaches.
- Understand content knowledge in early education.
- Build meaningful curriculum.

Integrity, advocacy, warmth, joy, and attention to children (commonly referred to as "Professionalism"): Students will be able to...
- Identify with and involve selves in the early childhood field, engaging in continuous, collaborative learning.
- Act with integrity.
- Engage in informed advocacy for children, families, early learning programs, and themselves as early childhood educators.
- Integrate knowledgeable, reflective, and critical perspectives on early education.

Programs of Study Offered at NWIC

ASSOCIATE OF TECHNICAL ARTS DEGREE
CHEMICAL DEPENDENCY STUDIES

The Associate of Technical Arts in Chemical Dependency Studies provides core chemical dependency studies courses in the context of a Native American Studies curriculum for students interested in pursuing a career in chemical dependency counseling. Successful completion of this program, together with the required hours of supervised internship field experience, will qualify students to apply for Washington State Chemical Dependency Counselor Certification. Students need to consult with their advisor before selecting courses to coordinate coursework and field experience in preparation for certification.

NORTHWEST INDIAN COLLEGE REQUIREMENTS

BIOL 104	Biology and Natural History of Place	5
CMPS 101	Introduction to Computers, or above	3
ENGL 236	Survey of Native American Literature	5
HIST 111	Pre-contact Native American History	2
HIST 112	Post-contact Native American History	3
HMDV 110	Introduction to Successful Learning	4
NASD 105A-C	Northwest Indian College Seminar (1 credit per quarter for 3 quarters)	3
NASD 110	Introduction to Native American Studies	3

TOTAL NORTHWEST INDIAN COLLEGE REQUIREMENTS **28**

GENERAL EDUCATION REQUIREMENTS

ENGL 101	English Composition I	5
CMST 101 **OR** CMST 210 **OR** CMST 220	Introduction to Oral Communication **OR** Interpersonal Communication **OR** Public Speaking	4
MATH 190	Vocational Mathematics or Math 102 or above	5

TOTAL GENERAL EDUCATION REQUIREMENTS **14**

CORE CHEMICAL DEPENDENCY STUDIES REQUIREMENTS

HUMS 120	Survey of Chemical Dependency	3
HUMS 130	Pharmacology of Substances	3
HUMS 160	Chemical Dependency Case Management	3
HUMS 170	Chemical Dependency Individual Counseling	3
HUMS 180	Youth Chemical Dependency and Counseling	3
HUMS 187	Airborne and Bloodborne Pathogens	1
HUMS 208	Law and Ethics in Chemical Dependency	5
HUMS 210	Group Facilitation	3
HUMS 223	Chemical Dependency Assessment and Treatment	3
HUMS 230	Chemical Dependency and the Family	3
HUMS 240	Multicultural Counseling	3
HUMS 275	Relapse Prevention	3
PSYC 101	General Psychology	5
PSYC 201	Developmental Psychology	5
PSYC 220	Abnormal Psychology	5
SOCI 110	Introduction to Sociology	5

TOTAL CORE CHEMICAL DEPENDENCY STUDIES REQUIREMENTS **56**
TOTAL DEGREE REQUIREMENTS **98**

Program Outcomes for the ATA in Chemical Dependency Studies:

Assessment and Diagnostics: Students will be able to...
- Create a multi-axial diagnosis of substance abuse, including co-occurring mental disorders using the DSM-IV.
- Administer screening and risk assessments.
- Administer a comprehensive assessment.

Documentation: (Maintain records in accordance with AAPS licensing requirements and demonstrate professional use of accepted diagnostic criteria for evaluation, placement and treatment of clients). Students will be able to...
- Write a DSM-IV multi-axial and screening analysis.
- Write a comprehensive treatment plan.
- Write clinical progress notes, clinical reports and discharge summaries.

Treatment Philosophy and Models: Students will be able to...
- Compare and evaluate theories, treatment models, and dual diagnosis research of chemical dependence.
- Describe the actions of alcohol and drugs by general category, primary effect and withdrawal symptoms.
- Describe theories of addiction in relation to the progressive disease model, trauma, and family structure and roles.

Treatment Methods: Students will be able to...
- Implement comprehensive treatment planning including orientation, education, relapse prevention, continuing care and discharge planning.
- Perform counseling for individuals and groups.
- Apply case management models to provide resources, consultation, and referral.

Professional and Ethical Responsibilities: Students will be able to...
- Describe how counselor confidentiality, conflict of interest, boundaries, and contagion impact all stages of assessment, documentation, and treatment.
- Apply ethical decision making congruent with the chemical dependency regulations and ethical codes as outlined in the WACS.
- Apply the basics of the Health Insurance Portability and Accountability Act (HIPPA) as it relates to chemical dependency.

Programs of Study Offered at NWIC

ASSOCIATE OF TECHNICAL ARTS DEGREE
INFORMATION TECHNOLOGY

The Associate of Technical Arts in Information Technology is designed to prepare students for entry-level and intermediate-level employment in several information technology fields. Students can focus their attention beyond the core IT classes to an emphasis in computer repair and support, network support and administration, micro-controller/robotics or web page development. Classes are oriented toward training technicians for tribal, government, business and corporate environments. Students completing this degree program can also expect to work toward and complete some of the industry certifications demanded by employers in this competitive job market. Recipients of this degree can transfer directly into Evergreen State College's BA program in Computer Information Systems.

NORTHWEST INDIAN COLLEGE REQUIREMENTS

BIOL 104	Biology and Natural History of Place	5
CMPS 101	Introduction to Computers, or above	3
ENGL 236	Survey of Native American Literature	5
HIST 111	Pre-contact Native American History	2
HIST 112	Post-contact Native American History	3
HMDV 110	Introduction to Successful Learning	4
NASD 105A-C	Northwest Indian College Seminar (1 credit per quarter for 3 quarters)	3
NASD 110	Introduction to Native American Studies	3
TOTAL NORTHWEST INDIAN COLLEGE REQUIREMENTS		**28**

GENERAL EDUCATION REQUIREMENTS

ENGL 101	English Composition I	5
CMST 101 **OR** CMST 210 **OR** CMST 220	Introduction to Oral Communication **OR** Interpersonal Communication **OR** Public Speaking	4
MATH 190	Vocational Mathematics or Math 102 or above	5
TOTAL GENERAL EDUCATION REQUIREMENTS		**14**

CORE INFORMATION TECHNOLOGY REQUIREMENTS

CMPS 104	Operating Systems I: Installation and Troubleshooting	3
CMPS 105	Software I: Applications for Computer Professionals	3
CMPS 116	Microsoft Office I	3
CMPS 117	Microsoft Office II	3
CMPS 140	Networking I	3
CMPS 160	Assembly, Maintenance and Diagnostics	4
CMPS 170	Web Page Development	3
CMPS 205	Software II: Advanced Applications for Computer Professionals	3
CMPS 225	Introduction to Programming	4
CMPS 197	Internship/Practicum	6
CMPS 260 **OR** CMPS 297	Capstone Project **OR** Advanced Internship/Practicum	4
TOTAL CORE INFORMATION TECHNOLOGY REQUIREMENTS		**39**

Choose ONE of the emphasis areas (9 credits) listed below to complete the 90 credit ATA requirements.

EMPHASIS IN COMPUTER REPAIR AND SUPPORT REQUIREMENTS

CMPS 204	Operating Systems II	3
CMPS 270	Assembly, Maintenance and Diagnostics II	3
CMPS 271	A+ Exam Preparation	3

EMPHASIS IN NETWORK SUPPORT AND ADMINISTRATION REQUIREMENTS

CMPS 144	Networking II	3
CMPS 243	Networking III: Network Administration	3
CMPS 244	Networking Infrastructure	3

EMPHASIS IN MICRO-CONTROLLER/ROBOTICS REQUIREMENTS

CMPS 106	Introduction to Analog and Digital Electronics	3
CMPS 206	Introduction to Micro-controllers	3
CMPS 207	Robot Development	3

EMPHASIS IN WEB PAGE DEVELOPMENT REQUIREMENTS

CMPS 172	Web Page Development II	3
CMPS 212	Graphic Design: Digital Media and Web Technology	3
CMPS 216	Web Development: Digital Media and Web Technology	3

TOTAL EMPHASIS REQUIREMENTS	**9**
TOTAL DEGREE REQUIREMENTS	**90**

Continued on next page

ASSOCIATE OF TECHNICAL ARTS DEGREE
INFORMATION TECHNOLOGY - continued

Program Outcomes for the ATA in Information Technology:

Operating Systems: Students will be able to...
- Install various operating systems.
- Diagnose operating system errors.
- Identify and repair malicious software problems.

Software Applications: Students will be able to...
- Demonstrate basic operations with an office suite composed of a word processor, a spreadsheet, a database, and presentation software.
- Demonstrate proficiency with software utilized by computer professionals.
- Install and use software and hardware appropriate to a given situation.

Programming Skills: Students will be able to...
- Design and implement a computer program.
- Use variables, objects, and event-driven concepts in a computer program.
- Use program structures in a computer program.

Computer Repair and Support: Students will be able to...
- Disassemble and assemble a computer.
- Diagnose and repair common hardware problems.
- Pass the COMP TIA A+ practice exam.

Network Support and Administration: Students will be able to...
- Install a server and workstation computers on a star network.
- Setup network security.
- Use and manage Active Directory.

Micro Controllers and Robotics: Students will be able to...
- Program a micro controller to accomplish a specified task.
- Integrate sensors into a micro controller/robotic operation.
- Demonstrate robot construction techniques.

"Human Things": Students will be able to...
- Demonstrate various aspects of customer relations.
- Demonstrate creativity.

Programs of Study Offered at NWIC

ASSOCIATE OF TECHNICAL ARTS DEGREE
INDIVIDUALIZED PROGRAM

This program allows a student to create a degree that Northwest Indian College does not otherwise offer. The NWIC Individualized Degree advisor and an expert in the field assist the student in clarifying goals and deciding on the types of learning experiences that will become part of the finished degree. Students begin work on this degree by registering for HMDV 150. The degree plan must have the approval of the NWIC Individualized Degree advisor, the expert consultant, and the Vice President for Instruction. Once the degree is finalized, the student must successfully complete all courses appearing in the approved plan. Examples of individualized degrees include Early Childhood Education, Native Culture and Family Services, Native American History and Culture, Computer Technology, Art Entrepreneurship, Community Health Advocate, Environmental Legal and Tribal Studies, and Wellness Education.

NORTHWEST INDIAN COLLEGE REQUIREMENTS

BIOL 104	Biology and Natural History of Place	5
CMPS 101	Introduction to Computers, or above	3
ENGL 236	Survey of Native American Literature	5
HIST 111	Pre-contact Native American History	2
HIST 112	Post-contact Native American History	3
HMDV 110	Introduction to Successful Learning	4
NASD 105A-C	Northwest Indian College Seminar (1 credit per quarter for 3 quarters)	3
NASD 110	Introduction to Native American Studies	3

TOTAL NORTHWEST INDIAN COLLEGE REQUIREMENTS **28**

GENERAL EDUCATION REQUIREMENTS

ENGL 101	English Composition I	5
CMST 101 **OR** CMST 210 **OR** CMST 220	Introduction to Oral Communication **OR**	4
	Interpersonal Communication **OR**	
	Public Speaking	
MATH 190	Vocational Mathematics or Math 102 or above	5

TOTAL GENERAL EDUCATION REQUIREMENTS **14**

CORE INDIVIDUALIZED PROGRAM REQUIREMENTS

HMDV 150	Individualized Degree Planning	3
Courses in Degree Emphasis		45

TOTAL CORE INDIVIDUALIZED PROGRAM REQUIREMENTS **48**

TOTAL DEGREE REQUIREMENTS **90**

Program Outcomes for the ATA in Individualized Program:

Communication skills: Students will be able to:
- explain the relationship between personal goals/objectives and academic subject matter
- communicate effectively in personal and professional situations
- explain the relationship between their goals and their planned program.

Critical and analytical thinking: Students will be able to:
- formulate and apply critical questions and comments in a variety of situations
- identify personal, academic, and professional or vocational interests and goals
- discuss the kinds of classes they are taking and the knowledge they will obtain

Intellectual and research skills: Students will be able to:
- have generalized intellectual and research skills, which will also develop the student's capacity for lifelong learning
- apply logic and organizational skills essential to a successful academic and professional experience

Leadership: Students will be able to:
- learn how to study independently, to improve their intellectual skills by pursuing studies in a number of areas, and to increase their ability to work creatively in the fields they enter.
- set a direction, create and maintain commitment to that direction, and face adaptive challenges.

Programs of Study Offered at NWIC

CERTIFICATES

Eight Certificate programs are offered: Computer Repair Technician, Construction Trades, Hospitality Management, Individualized Program, Native American Studies, Professional Technical Studies, Project Management, and Web Page Development.

CERTIFICATE - COMPUTER REPAIR TECHNICIAN

The Computer Repair Technician certificate program is designed to prepare students for employment as computer repair and support technicians in tribal, government, small business and corporate environments.

NORTHWEST INDIAN COLLEGE REQUIREMENTS

CMPS 101	Introduction to Computers, or above	3
HMDV 110	Introduction to Successful Learning	4
NASD 105A-C	Northwest Indian College Seminar (1 credit per quarter for 3 quarters)	3
NASD 110	Introduction to Native American Studies	3

TOTAL NORTHWEST INDIAN COLLEGE REQUIREMENTS **13**

GENERAL EDUCATION REQUIREMENTS

ENGL 100 **OR** BUAD 100	Introduction to College writing **OR** Practical English for the Workplace	5
MATH 190	Vocational Mathematics or Math 102 or above	5

TOTAL GENERAL EDUCATION REQUIREMENTS **10**

CORE COMPUTER MAINTENANCE AND NETWORKING REQUIREMENTS

CMPS 103	Operating Systems I: Installation and Troubleshooting	3
CMPS 105	Software I: Applications for Computer Professionals	3
CMPS 116	Microsoft Office I	3
CMPS 140	Networking I	3
CMPS 144	Networking II	3
CMPS 160	Assembly, Maintenance & Diagnostics	4
CMPS 204	Operating Systems II	3
CMPS 205	Software II: Advanced Applications for Computer Professionals	3
CMPS 197	Internship/Practicum	3

TOTAL CORE COMPUTER REPAIR TECHNICIAN REQUIREMENTS **28**

TOTAL CERTIFICATE REQUIREMENTS **51**

CERTIFICATE - CONSTRUCTION TRADES

The Construction Trades program offers a one-year Certificate of Training preparing the student for entry-level positions in the construction field. The program provides training opportunities in a wide range of trades skills, including blueprint reading, rough and finish carpentry, safety, drywall, electrical and plumbing, with emphasis on the use of energy efficient building techniques and materials. This program includes an emphasis on new technologies for sustainable housing, including low environmental impact and energy requirements. Students will also learn the academic and work related skills needed to be a successful tradesperson. These courses meet the first year requirements for the
two-year Certificate of Training.

CORE REQUIREMENTS

TECH 151	Blueprint Reading for Building Trades I	3
VOCC 105	Construction Trades I	8
VOCC 106	Construction Trades II	8
VOCC 107	Construction Trades III	8
VOCC 197	Construction Trades Practicum	3

TOTAL CORE REQUIREMENTS **30**

Continued on next page

CERTIFICATES—continued

CONSTRUCTION TRADES continued:

GENERAL EDUCATION REQUIREMENTS

ENGL 100 **OR** ENGL 101 **OR** BUAD 100	Introduction to College Writing **OR** English English Composition I **OR** Practical English for the Workplace	5
HMDV 110	Introduction to Successful Learning	4
MATH 190	Vocational Math or any Math, 102 and above	5
Hum/SocSci/NatSci	Any course 100 and above from AAS distribution, pages 51-52	3

TOTAL GENERAL EDUCATION REQUIREMENTS **17**

TOTAL CERTIFICATE REQUIREMENTS **47**

CERTIFICATE - HOSPITALITY MANAGEMENT

This certificate is designed for students interested in pursuing careers in the field of hospitality management, such as casino management, hotel management, restaurant management, and management in the tourism industry.

CORE REQUIREMENTS

BUAD 108	Principles of Marketing	5
BUAD 128	Supervision: Core Skills I	3
BUAD 216	Principles of Management	5
HRCM 101	Introduction to Hospitality Management	5

TOTAL CORE REQUIREMENTS **18**

GENERAL EDUCATION REQUIREMENTS

ENGL 100 **OR** ENGL 101 **OR** ENGL 104 **OR** BUAD 100	Introduction to College Writing **OR** English Composition I **OR** Business Communications **OR** Practical English for the Workplace	5
CMPS 101	Introduction to Computers, or above	3
HMDV 110	Introduction to Successful Learning	4
MATH 190	Vocational Math or any Math, 102 or above	5
Native American Studies -	Any course 100 & above coded NASD	3

TOTAL GENERAL EDUCATION REQUIREMENTS **20**

RELATED INSTRUCTION REQUIREMENTS

Choose two courses from the following:

HRCM 111	Introduction to Casino Management	5
HRCM 112	Casino Cash Cage Operations	5
HRCM 135	Security in the Hospitality Industry	5
HRCM 150	Introduction to Restaurant Management	5
HRCM 160	Introduction to Hotel Management	5

TOTAL RELATED INSTRUCTION REQUIREMENTS **10**

TOTAL CERTIFICATE REQUIREMENTS **48**

Programs of Study Offered at NWIC

CERTIFICATES—Individualized Studies

The Individualized Certificate program allows a student to create a certificate that Northwest Indian College does not otherwise offer. The NWIC Individualized Degree advisor and an expert in the field assist the student in clarifying goals and deciding on the types of learning experiences that will become part of the finished certificate. Students begin work on this certificate by registering for HMDV 150. The certificate plan must have the approval of the NWIC Individualized Degree advisor, the expert consultant, and the Vice President for Instruction. Once the certificate is finalized, the student must successfully complete all courses appearing in the approved plan. Examples of Individualized certificates include Appreciation and Marketing of Native American Art, Business, and Chemical Dependency Studies.

NORTHWEST INDIAN COLLEGE REQUIREMENTS

CMPS 101	Introduction to Computers, or above	3
HMDV 110	Introduction to Successful Learning	4
NASD 105A-C	Northwest Indian College Seminar (1 credit per quarter for 3 quarters)	3
NASD 110	Introduction to Native American Studies	3

TOTAL NORTHWEST INDIAN COLLEGE REQUIREMENTS **13**

GENERAL EDUCATION REQUIREMENTS

ENGL 100 **OR** BUAD 100	Introduction to College Writing **OR** Practical English for the Workplace	5

TOTAL GENERAL EDUCATION REQUIREMENTS **5**

CORE INDIVIDUALIZED PROGRAM REQUIREMENTS

HMDV 150	Individualized Degree Planning	3
Courses in Certificate Emphasis		25

TOTAL CORE INDIVIDUALIZED PROGRAM REQUIREMENTS **28**

TOTAL CERTIFICATE REQUIREMENTS **46**

The Certificate in Native American Studies provides core courses that introduce students to Native culture, history, language and values while increasing understanding of the unique political status, rights, and responsibilities of tribal nations. The emphasis is on providing students with a broad and realistic understanding of issues that impact native communities and people. The Native American Studies certificate program may be completed in one year provided that the student is registered full time in required courses and is ready for college level course work. Students who are interested in continuing their education will meet most of the Northwest Indian College requirements and some of the general education requirements for the two-year associate degree programs at NWIC.

NORTHWEST INDIAN COLLEGE REQUIREMENTS

CERTIFICATE - NATIVE AMERICAN STUDIES

BIOL 104	Biology and Natural History of Place	5
CMPS 101	Introduction to Computers, or above	3
EDUC 110	History of Native American Education	3
ENGL 236	Survey of Native American Literature	5
HIST 111	Pre-contact Native American History	2
HIST 112	Post-contact Native American History	3
HMDV 110	Introduction to Successful Learning	4
NASD 105A-C	Northwest Indian College Seminar (1 credit per quarter for 3 quarters)	3
NASD 110	Introduction to Native American Studies	3

TOTAL NORTHWEST INDIAN COLLEGE REQUIREMENTS **31**

GENERAL EDUCATION REQUIREMENTS

ENGL 101	English Composition I	5
CMST 101 **OR** CMST 210 **OR** CMST 220	Introduction to Oral Communication **OR** Interpersonal Communication **OR** Public Speaking	4
MATH 102	College Algebra or higher (meets Quantitative Skills requirement)	5

TOTAL GENERAL EDUCATION REQUIREMENTS **14**

TOTAL CERTIFICATE REQUIREMENTS **45**

Programs of Study Offered at NWIC

CERTIFICATES—Professional Technical Studies

The Professional-Technical Studies certificates focus on particular professional-technical disciplines and prepare students for entry-level employment in that discipline. Students must consult with an advisor to determine the specific core requirements for their particular professional-technical studies certificate program. Not all programs will be available at all educational sites. Currently offered Professional-Technical certificates are: Casino Gaming Technician, Native Art, Office Professions, and Project Management.

NORTHWEST INDIAN COLLEGE REQUIREMENTS

HMDV 110 **OR** CMST 101	Introduction to Successful Learning **OR** Introduction to Oral Communication	4
NASD 110	Introduction to Native American Studies	3

TOTAL NORTHWEST INDIAN COLLEGE REQUIREMENTS **7**

GENERAL EDUCATION REQUIREMENTS

ENGL 100 **OR** BUAD 100	Introduction to College writing **OR** Practical English for the Workplace	5
MATH 190	Vocational Mathematics or Math 102 or above	5

TOTAL GENERAL EDUCATION REQUIREMENTS **10**

CORE PROFESSIONAL-TECHNICAL STUDIES REQUIREMENTS IN EMPHASIS (see individual areas below): **28**

TOTAL CORE PROFESSIONAL-TECHNICAL STUDIES CERTIFICATE REQUIREMENTS **45**

EMPHASIS REQUIREMENTS AS FOLLOWS:

CERTIFICATE IN CASINO GAMING TECHNICIAN — CORE PROGRAM REQUIREMENTS

CMPS 101	Introduction to Computers	3
CMPS 140	Networking I	3
CMPS 144	Networking II	3
CMPS 104	Operating Systems I: Installation & Troubleshooting	3
CMPS 160	Assembly, Maintenance & Diagnostics	4
CMPS 175	Casino Gaming Systems	5
CMPS 197	Internship	6
HRCM 110	Customer Service & Hospitality	1

TOTAL CASINO GAMING TECHNICIAN CORE **28**

CERTIFICATE IN NATIVE ART — CORE PROGRAM REQUIREMENTS

CMPS 101	Introduction to Computers	3
ART Courses chosen in consultation with an advisor such that they support the student's deepening understanding and expression of Native Art of a particular tribe and place		25

TOTAL NATIVE ART CORE **28**

Programs of Study Offered at NWIC

CERTIFICATES—Professional Technical Studies continued

CERTIFICATE IN OFFICE PROFESSIONS — CORE PROGRAM REQUIREMENTS

BUAD 101	Introduction to Business	5
BUAD 115	Essentials of Accounting	5
CMPS 101	Introduction to Computers	3
CMPS 116	MS Office I	3
CMPS 117	MS Office II	3
CMPS, OFPR or BUAD	Electives	9

TOTAL OFFICE PROFESSIONS CORE **28**

CERTIFICATE IN PROJECT MANAGEMENT — CORE PROGRAM REQUIREMENTS

BUAD 180	Introduction to Project Management	5
BUAD 181	Intermediate Project Management	5
BUAD 182	Advanced Project Management	5
BUAD 216	Principles of Management	5
CMPS 101	Introduction to Computers (or above)	3
BUAD 197	Practicum in Project Management	3
CMST 220	Public Speaking	4

TOTAL PROJECT MANAGEMENT CORE **30**

CERTIFICATES—Web Page Development

The Web Page Development Certificate program is designed to provide students with the skills needed to create a dynamic web site. The courses required to attain the certificate will allow the web developer to grab the internet user's attention and present alluring graphics and quick-loading text based links to tables and contents.

NORTHWEST INDIAN COLLEGE REQUIREMENTS

CMPS 101	Introduction to Computers, or above	3
HMDV 110 **OR** CMST 101	Introduction to Successful Learning **OR** Introduction to Oral Communication	4
NASD 110	Introduction to Native American Studies	3
TOTAL NORTHWEST INDIAN COLLEGE REQUIREMENTS		**10**

GENERAL EDUCATION REQUIREMENTS

ENGL 100 **OR** BUAD 100	Introduction to College Writing **OR** Practical English for the Workplace	5
MATH 190 **OR** BUAD 146	Vocational Math **OR** Business Math & 10-Key	5
TOTAL GENERAL EDUCATION REQUIREMENTS		**10**

CORE COMPUTER WEB PAGE DEVELOPMENT REQUIREMENTS

CMPS 105	Software I: Applications for Computer Professionals	3
CMPS 110	Database Management I	3
CMPS 170	Web Page Development I	3
CMPS 172	Web Page Development II	5
CMPS 205	Software II: Advanced Applications for Computer Professionals	3
CMPS 225	Introduction to Programming	4
CMPS 272	Web Page Development III	5
CMPS 197	Internship/Practicum	3
CMPS 260	Capstone Project	4
TOTAL CORE WEB PAGE DEVELOPMENT REQUIREMENTS		**33**
TOTAL CERTIFICATE REQUIREMENTS		**53**

Awards of Completion Offered at NWIC

AWARD OF COMPLETION

TRIBAL CASINO MANAGEMENT

The Award of Completion in Tribal Casino Management is designed to provide students with the skills and knowledge to meet the needs of the business of gaming in the five critical content areas of law, finance and accounting, management, marketing and human resources. The program is designed for current supervisors or managers working in hospitality, tribal gaming commissioners, and for students interested in gaming or hospitality. Students completing this award may apply the courses toward the Associate of Arts and Sciences in Business and Entrepreneurship degree. Courses may also be transferrable to a four year degree program.

REQUIREMENTS

BUAD 202	Business Law	5
HRCM 197	Tribal and Gaming Law Practicum (taken with BUAD 202)	1
BUAD 212	Financial Accounting	5
HRCM 197	Casino Accounting Practicum (taken with BUAD 212)	1
HRCM 111	Introduction to Casino Management	5
HRCM 197	Casino Management Practicum (taken with HRCM 111)	1
HRCM 270	Building Human Capital	3
HRCM 280	Cultural Diversity & Marketing	3

TOTAL AWARD OF COMPLETION REQUIREMENTS **24**

DIGITAL MEDIA AND WEB TECHNOLOGY

The Digital Media & Web Technology Award of Completion is designed to prepare students for entry-level employment as a graphic designer, multimedia artist, or web development technician. Focus is on gaining practical skill using Adobe Creative Suite software and preparing students to take the Adobe Certified Associate examination.

REQUIREMENTS

CMPS 209	Media Applications: Digital Media & Web Technology	3
CMPS 212	Graphic Design: Digital Media & Web Technology	4
CMPS 214	Desktop Publishing: Digital Media & Web Technology	3
CMPS 216	Web Page Development: Digital Media & Web Technology	3
CMPS 218	Project Management: Digital Media & Web Technology	3
CMPS 220	Career Exploration: Digital Media and Web Technology	2
CMPS 260	Capstone Project: Digital Media & Web Technology	2-4
CMPS 297	Internship	5

TOTAL AWARD OF COMPLETION REQUIREMENTS **25**

WORKING WITH INFANTS AND TODDLERS

The Award of Completion in Working with Infants and Toddlers is designed to prepare students for entry level work in early learning programs serving the unique needs of infants, toddlers, and their families. In addition, the student will have completed all 120 clock hours of training for the Infant/Toddler CDA Credential and completed 23 credits toward the Associate of Applied Science-Transfer Degree in ECE.

REQUIREMENTS

ECED 101	Introduction to Early Childhood Education	5
ECED 106	Guidance in Early Childhood	3
ECED 107	Frameworks for ECE	3
ECED 160	Infant –Toddler Caregiving	3
ECED 197A	Practicum I: Expressing Warmth to Children	3
ECED 206	Building Relationships: Culture, Family, Community	3
ECED 221	Health, Safety, and Legal Issues	3

TOTAL AWARD OF COMPLETION REQUIREMENTS **23**

Courses

ANTHROPOLOGY

ANTH 103 (5 CR)
ARCHAEOLOGY: CULTURES PAST & PRESENT
Examines the nature of social and cultural patterns found inside and outside our country. Study of people and how human behavior is influenced by one's cultural, social and physical environments. Examines various similarities and differences that exist in societies throughout the world and attempts to determine how these circumstances shape people's lives. (SS)

ANTH 150 (3 CR)
PACIFIC NORTHWEST ETHNOBOTANY
Study of traditional and contemporary knowledge, use and other cultural roles of botanical organisms among Native American peoples of the Pacific Northwest. Lecture, field and lab activities. (SS, NASD)

ANTH 188/288 (1-5 CR)
TOPICS IN ANTHROPOLOGY
Taught in a classroom setting. (TE)

ANTH 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN ANTHROPOLOGY
Individualized learning contracts between a student and an instructor. (TE)

ANTH 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN ANTHROPOLOGY
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

ANTH 201 (5 CR)
PHYSICAL ANTHROPOLOGY
Presents principles of biological evolution, primate behavior, human genetics, adaptability, and variation. Also includes study of early fossil records and prehistoric cultures. Prerequisite: ENGL 100. (NS)

ANTH 202 (5 CR)
CULTURAL ANTHROPOLOGY
Study of culture and society. A cross-cultural perspective is applied to the study of technology, economics, family, social groups, political systems, religion, art, language, values and the individual. (SS, NASD)

ART

ARTD 103 (5 CR)
APPRECIATION OF AMERICAN INDIAN ART
An overview for developing appreciation of American Indian art through traditional and contemporary perspectives. (HT, NASD)

ARTD 105A-E (1 CR EA)
STUDIES IN NORTHWEST NATIVE ART
For each credit students research and write a paper exploring some aspect of Pacific Northwest Coastal Indian art. Topics may include history and cultural significance, styles of representation, interpretation, artifacts and artistic practices. (HT, NASD)

ARTD 106 (5 CR)
INDIAN ART HISTORY OF PLACE
Concentrates on historical significance and interpretation of art forms, recognizing differences in tribal styles and character representations as well as practical uses of artifacts. (HT, NASD)

ARTD 115 (5 CR)
THEORY OF NORTHWEST COAST NATIVE DESIGN I
Covers historical and contemporary aspects of design including theoretical principles and social, spiritual, functional, and economic perspectives. (HT, NASD)

ARTD 116 (5 CR)
THEORY OF NORTHWEST COAST NATIVE DESIGN II
Continuation of ARTD 115. Covers advanced design concepts and aesthetics of Northwest Coastal Indian art. Prerequisite: ARTD 115. (HT, NASD)

ARTD 146 (3 CR)
PNW BEADWORK I
Introduction to beading techniques. Presents the different styles of Native

ART

ARTD 147 (3 CR)
PNW BEADWORK II
Student builds on skills learned in ARTD 146. (HP, NASD)

ARTD 151 (3 CR)
PNW INDIAN BASKETRY I
Introductory course in basket weaving techniques and collection and preparation of materials. Students gather and cure their own materials and complete projects. (HP, NASD)

ARTD 152 (3 CR)
PNW INDIAN BASKETRY II
Emphasis on design and preparation of cedar bark baskets. Course includes basic construction of cedar bark food storage baskets using various techniques such as twilling, twining, plaiting and coiling. (HP, NASD)

ARTD 153 (3 CR)
PNW INDIAN BASKETRY III
Continuation of ARTD 152. (HP, NASD)

ARTD 171 (3-6 CR)
PNW INDIAN WOODCARVING I
Introductory course covering concepts of carving with the grain of the wood and Indian graphic design and processes. (HP, NASD)

ARTD 172 (3-5 CR)
PNW INDIAN WOODCARVING MASKS
Covers traditional Indian mask design for creating masks. (HP, NASD)

ARTD 173 (3 CR)
INDIAN WOODCARVING SMALL TOTEMS I
Covers advanced carving techniques to fit designs onto a small totem. Students become familiar with Indian archetypal characters and their significance in Indian history, culture and lore. (HP, NASD)

ARTD 174 (3 CR)
INDIAN WOODCARVING SMALL TOTEMS II
Students build on skills learned in ARTD 173. (HP, NASD)

COURSES

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SS-Social Science

May include Indigenous Service Learning Component

Courses

ART

ARTD 175 (3-5 CR)
TRADITIONAL TOOLMAKING I
Focus on making, sharpening and maintaining carving tools used in Northwest Coast style carving, including straight knives, crooked knives, D-adzes and elbow adzes. Also covers bending, hardening and tempering of tool steel blades. (HP, NASD)

ARTD 185 (3 CR)
NATIVE AMERICAN DRUM MAKING
Introduction to purposes, symbols and songs associated with the drum. Covers contemporary and traditional techniques used in creating hand-drums along with professional presentation. (HP, NASD)

ARTD 188/288 (1-5 CR)
TOPICS IN ART
Taught in a classroom setting. (TE)

ARTD 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN ART
Individualized learning contracts between a student and an instructor. (TE)

ARTD 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN ART
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

ARTD 258 (3 CR)
HISTORY OF COASTAL SALISH WEAVING
Examines the traditional Salish weaving leading into the western/European influence on contemporary weaving. Special emphasis is given to traditional methods and materials of the old Salish weavers through the study of museum collections. (HT, NASD)



ASTRONOMY

ASTR 101 (5 CR)
ASTRONOMY
Comprehensive survey of astronomy. Topics include history of astronomy from many cultural perspectives, scientific method, motion of celestial objects, light, gravity and spade travel, telescopes and astronomical instrumentation, structure and evolution of planets, stars, galaxies, the universe, and the search for extraterrestrial life. Includes lab and planetarium/observing field trips. (NSL)

ASTR 188/288 (1-5 CR)
TOPICS IN ASTRONOMY
Taught in a classroom setting. (TE)

ASTR 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN ASTRONOMY
Individualized learning contract between student and instructor. (TE)

ASTR 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN ASTRONOMY
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

BIOLOGY

BIOL 100 (5 CR)
BASIC BIOLOGY
Basic biology for students not in the sciences, intended to help students make informed choices about issues involving biology. Topics include diversity of life, basic cell structure and function, basic genetics, and evolution. (NS)

BIOL 101 (5 CR)
INTRODUCTION TO BIOLOGY
Introduction to fundamental biological principles and concepts. Application of biological knowledge to animal and human physiology. Survey of biochemistry cell biology and metabolism. Lab included. (NSL)

BIOLOGY

BIOL 104 (5 CR)
BIOLOGY AND NATURAL HISTORY OF PLACE
Explore local ecosystems from the perspective of a natural resource with cultural significance. Themes may include salmon, water, or cedar. View complex nature of environmental problems from disciplines such as marine and terrestrial biology, forest ecology, water, geology, economics and policy. Lab included. (NSL, NASD)

BIOL 111 (5 CR)
FINDING THINGS OUT IN LIFE SCIENCE
Designed for learning through hands-on inquiry the nature of biological systems and how matter and energy work in living systems, aimed at developing a positive attitude toward science while understanding what it means to learn scientific concepts. Lab included. (NSL)

BIOL 130 (5 CR)
INTRODUCTION TO MARINE BIOLOGY
Introduction to biological and physical properties of marine environments with particular emphasis on coastal marine environments and inter-tidal ecology. Specific focus on Puget Sound Marine System and the resident communities. Laboratory and field experiences included. (NSL)

BIOL 140 (3 CR)
ISSUES IN FISHERIES
Comprehensive introduction to current fisheries issues which primarily affect North American tribes. History, present situation and future of fisheries resources are examined. Topics include political and social implications of user groups' impact on the resource, and laws and regulations designed to protect and enhance fisheries resources. (NS, NASD)

BIOL 188/288 (1-5 CR)
TOPICS IN BIOLOGY
Taught in a classroom setting. (TE)

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Courses

BIOLOGY

BIOL 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN BIOLOGY
Individualized learning contracts between a student and an instructor. (TE)

BIOL 197/297 (11-6 CR)
INTERNSHIP/PRACTICUM IN BIOLOGY
Participation in a project under the direction of a faculty member and in consultation with a professional in the field. (NE)

BIOL 201 (5 CR)
CELL BIOLOGY: CREATION, ENERGY AND THE GIFT OF LIFE
Basic biology class designed for students who intend to go further in the life sciences. Covers cell evolution, basic biochemistry and cellular structure and function. Lab included. Prerequisite: CHEM 111 or 121, or concurrent enrollment. (NSL)

BIOL 202 (5 CR)
PLANT BIOLOGY: HONORING THE GIFTS OF PLANTS
Covers the basics of algae, vascular plants and non-vascular plant structure, reproduction, nutrient uptake, growth and diversity. Lab included. Prerequisite: BIOL 201. (NSL)

BIOL 203 (5 CR)
ANIMAL BIOLOGY: OUR RELATIVES
Introduces the topics of invertebrate and vertebrate anatomy and physiology, taxonomy, diversity and classification and animal adaptation in terms of form and function. Lab included. Prerequisite: BIOL 201. (NSL)

BIOL 205 (5 CR)
ANIMAL BEHAVIOR
Focuses on various aspects of the study of animal behavior. Includes methods, behavior genetics and evolution, biological mechanisms of behavior, finding food and shelter, social organization and mating systems. Prerequisite: ENGL 100. (NS)

BIOLOGY

BIOL 210 (3 CR)
SHELLFISH BIOLOGY
Commercially important mollusks, crustacea and other harvested invertebrates highlighted with respect to systematics, anatomy, reproductive strategies, feeding and growth. (NS)

BIOL 215 (5 CR)
CONSERVATION BIOLOGY
Explores ecological principles and conservation biology used as management tools to sustain and preserve the biosphere and cultural diversity. Lab included. (NSL)

BIOL 241 (1 CR)
OSTEOLOGICAL IDENTIFICATION
Introduction to individual elements of the human skeleton combined with basic understanding of differences between human skeletal remains and non-human remains. Students also work in the field assessing remains and artifacts. Prerequisite: ENGL 100 or permission of instructor. (NSL)

BIOL 242 (6 CR)
ANATOMY & PHYSIOLOGY I
Designed for students interested in a career in the field of health, or anyone interested in how the human body is organized and works. Topics include structure and function of the human body. Emphasis is on introductory cytology and histology and anatomy and physiology of integumentary, skeletal, muscular and nervous systems. Lab included. Prerequisite: BIOL 101 and/or CHEM 113 or 123. (NSL)

BIOL 243 (6 CR)
ANATOMY & PHYSIOLOGY II
Continued study of the human body structure and function with emphasis on circulatory, respiratory, digestive, urinary, endocrine and reproductive systems. Lab included. Prerequisite: BIOL 242. (NSL)



BIOLOGY

BIOL 245 (5 CR)
MICROBIOLOGY
Designed for students who intend to earn a degree in biology or health related fields. Topics include: introduction to microbes; anatomy, physiology, taxonomy and pathogenicity of bacteria, yeasts, fungi and viruses; infectious processes and host responses; principles of epidemiology. Lab included. Prerequisite: BIOL 201 or 243. (NSL)

BIOL 310 (5CR)
ECOLOGY & WEB OF INTERRELATEDNESS
Examines the intricate relationships between organisms and their environments including concepts of: species diversity, energy flow, ecosystem organization, life history, ecological niche, habitat, system stability, species coexistence, complexity, scaling, and thresholds. Emphasis placed on the local environment. Prerequisites: BIOL 203 and MATH 102.

BIOL 350 (4 CR)
ETHNOBIOLOGY: PEOPLE, PLANTS & ANIMALS
Study of the interrelationships between people and biological organisms in a multidisciplinary field of inquiry where the subject matter and approaches to subjects may vary greatly. Focuses on topics and concerns of relevance to Native Americans with special emphasis on the Pacific Northwest. Prerequisites: BIOL 202 and 203.

BIOL 388/488 (1-5 CR)
TOPICS IN BIOLOGY
Taught in a classroom setting.

BIOL 389/489 (1-5 CR)
INDIVIDUALIZED STUDIES IN BIOLOGY
Individualized learning contracts between a student and an instructor.

BIOL 397/497 (1-6 CR)
INTERNSHIP/PRACTICUM IN BIOLOGY
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field.

COURSES

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QS-Quantitative Skills
SS-Social Science
May include Indigenous Service Learning Component

Courses

BUSINESS ADMINISTRATION

BUAD 100 (5 CR)
PRACTICAL ENGLISH FOR THE WORK-PLACE
Interdisciplinary approach to literacy and critical thinking, emphasizing processes, terminologies and protocols of real-life work environments. (NE)

BUAD 101 (5 CR)
INTRODUCTION TO BUSINESS
Introduction to the various aspects of business ownership, organization, administration, decision-making, legal and regulatory environment, finances, and personnel. (TE)

BUAD 108 (5 CR)
PRINCIPLES OF MARKETING
Broad overview of the market structure and its functions showing why marketing is important to business success. Includes the description, analysis, and evaluation of the marketing environment. (NE)

BUAD 115 (5 CR)
ESSENTIALS OF ACCOUNTING
Introduction to the accounting cycle for personal-service businesses, including banking and payroll. Prerequisite: MATH 070. (NE)

BUAD 121 (3 CR)
PERSONAL & SMALL BUSINESS FINANCE
Applied study of budgeting, buying, borrowing, saving, taxes, insurance, and investments from the individual and the small business point of view. (NE)

BUAD 128 (3 CR)
SUPERVISION: CORE SKILLS I
Focuses on concepts in leadership, decision-making and communication for the new supervisor to utilize in the workplace. Topics include management styles, human relations and creativity in the workplace. (NE)



BUSINESS ADMINISTRATION

BUAD 135 (3 CR)
SMALL BUSINESS MANAGEMENT
Covers organizing and operating a small business. Includes the business setting, financial planning and control of business investments, profit and cash and the organization of personnel procedures. (NE)

BUAD 140 (6 CR)
SMALL BUSINESS ENTREPRENEUR
Assists Native American people owning their own business through their first year of operations. (NE)

BUAD 146 (5 CR)
BUSINESS MATH & 10-KEY
Introduction to business mathematics, percentages, ratios, markup/markdown and use of tables using ten-key electronic calculator. Develops technique, speed, and accuracy on ten-key calculator. Prerequisite: Math 070. (NE)

BUAD 163 (2 CR)
CUSTOMER SERVICE I
Presents concepts in relationship building including impacting customer loyalty, dealing with difficult customers, the art of salesmanship and customer rights. (NE)

BUAD 180 (5 CR)
INTRODUCTION TO PROJECT MANAGEMENT
Fundamental skills and knowledge related to managing projects with emphasis on project life cycle, scope, costs and time constraints. Prerequisite: CMPS 101 or equivalent, or permission of instructor. (NE)

BUAD 181 (5 CR)
INTERMEDIATE PROJECT MANAGEMENT
Second in a 3 part series leading to a project management certificate, focus is on using PM and architectural software and developing skills needed in practical project development and implementation. Prerequisites: BUAD 180 or equivalent, or permission of instructor. (NE)

BUSINESS ADMINISTRATION

BUAD 182 (5 CR)
ADVANCED PROJECT MANAGEMENT
Final course for the project management certificate. Prepares the student to become a certified project management professional by providing experience in selecting, planning, developing and completing a project using the skills learned in this and previous courses in the certificate program. Prerequisite: BUAD 181 or equivalent, or permission of instructor. (NE)

BUAD 188/288 (1-5 CR)
TOPICS IN BUSINESS ADMINISTRATION
Taught in a classroom setting. (NE)

BUAD 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN BUSINESS ADMINISTRATION
Individualized learning contracts between a student and an instructor. (NE)

BUAD197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN BUSINESS ADMINISTRATION
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

BUAD 202 (5 CR)
BUSINESS LAW
Principles of law as they apply to business, including history, contracts, law of agencies, rights and duties of employer and employee, negotiable instruments, personal property, insurance, conditional sales, partnership, corporations, real property and security relations. (SS)

BUAD 212 (5 CR)
FINANCIAL ACCOUNTING
Introduction to the theory and practice of accounting. Financial reporting for partnerships and corporations, including such topics as financial statement preparation, the accounting cycle, inventories, and accounting assets, liabilities, equities, revenues and expenses. Prerequisite: MATH 070. (TE)

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BUSINESS ADMINISTRATION

BUAD 215 (5 CR)
HUMAN RESOURCE MANAGEMENT
Study of human relationships in personnel management. Covers various management styles and techniques for handling leadership, conflict and stress in managing personnel. (NE)

BUAD 216 (5 CR)
PRINCIPLES OF MANAGEMENT
Introduction to the development of modern management. Topics include the human needs in organizations, managerial leadership, and the development of effective communication networks and styles. (NE)

BUAD 231 (3 CR)
GRANT MANAGEMENT
Covers concepts and methods for providing financial and programmatic accountability of public and private grants. Includes material on evaluation process and outcomes and the methods for reporting to the project manager, the funding sources and to the community. (NE)

BUAD 235 (5 CR)
MANAGERIAL ACCOUNTING
Accounting procedures and techniques used as part of the managerial process of planning, decision-making, and control. Prerequisite: BUAD 212. (TE)

BUAD 315 (5 CR)
PROJECT MGT: VISION, ACTION & LEARNING
Prepares students to manage tribal and non-tribal projects. Emphasis is placed upon knowledge and skills required to manage effective projects that engage the community, revitalize the culture and support healthy and sustainable communities. Visioning, planning, implementation, collaboration and evaluation will be covered. Prerequisites: CMPS 101, CMST 210, ENGL 305.

CAREER ENHANCEMENT

COMMUNICATIONS

COMM 062 (1-3 CR)
COMMUNICATIONS II
Develop strategies for reading using context and structure to determine the meaning; produce notes and letters and be able to edit and revise them for clearer meaning including using forms, correct grammar, spelling and punctuation. (N)

COMM 063 (1-3 CR)
COMMUNICATIONS III
Refine strategies for reading by identifying context clues, structure, writing style and purpose to clarify meaning; create essays and edit and revise them; understand the use and application of grammar. (N)

COMM 064 (1-3 CR)
COMMUNICATIONS IV
Apply written information to our roles as a family member, Native American community member and as an employee. Learn to request feedback and incorporate that feedback into written material. Increase listening comprehension. (N)

DECISION MAKING

DECM 062 (1-3 CR)
DECISION MAKING II
Learn to organize activities for a day, week or month; learn to set and prioritize personal and career goals; understand and use numbers and symbols including math operations with whole numbers. (N)

DECM 063 (1-3 CR)
DECISION MAKING III
Analyze written material for the point of view and bias; correctly identify and solve real life problems from the Native American experience; correctly set up and perform math operations with whole and partial numbers. (N)

CAREER ENHANCEMENT

DECM 064 (1-3 CR)
DECISION MAKING IV
Analyze usefulness of information and make decisions based on that information; set up and solve quantitative problems using math operations as well as estimation and number theory. (N)

INTERPERSONAL SKILLS

INTS 062 (1-3 CR)
INTERPERSONAL SKILLS II
Gain awareness of self as members of a Native American family and Community. Demonstrate effective teamwork including clear communications and the expression of empathy in relationships. (N)

INTS 063 (1-3 CR)
INTERPERSONAL SKILLS III
Analyze personal attitudes and actions and express those actions in speaking and writing; choose appropriate action for different situations and understand how to create win/win solutions. (N)

INTS 064 (1-3 CR)
INTERPERSONAL SKILLS IV
Demonstrate clear communication in speech and writing while considering the point of view of others; give and receive feedback in a positive manner. (N)



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May include Indigenous Service Learning Component

Courses

CAREER ENHANCEMENT

LIFE LONG LEARNING

LERN 062 (1-3 CR)
LIFELONG LEARNING II
Identify personal and community strengths and weaknesses as well as organize, evaluate and record this information in personal and work plans. (N)

LERN 063 (1-3 CR)
LIFELONG LEARNING III
Identify and demonstrate different learning styles; make judgment based on information presented in varied formats; use multiple sources for gathering and evaluating information. (N)

LERN 064 (1-3 CR)
LIFELONG LEARNING IV
Demonstrate personal change through learning; apply classroom learning to roles as family member, Native American and employee; perform service-learning activities; communicate in multiple formats. (N)

TECHNOLOGY

TECH 062 (1-3 CR)
TECHNOLOGY II
Acquire keyboarding skills to 10 WPM; use a computer to create simple documents and save those documents to three locations; set up and use a public e-mail account. (N)

TECH 063 (1-3 CR)
TECHNOLOGY III
Log on to a networked computer, conduct career and education research and save the results of those searches; send and receive e-mail with attachments. (N)

TECH 064 (1-3 CR)
TECHNOLOGY IV
Create an electronic resume and post it on the Work Source job finding site as well as send it to possible employers. (N)

CHEMISTRY

CHEM 100 (5 CR)
INTRODUCTION TO CHEMISTRY
Open to students without a previous background in chemistry, or those who do not need chemistry sequence in their program of study. Covers a wide range of topics with emphasis on common household chemicals. Lab included. (NSL)

CHEM 111 (5 CR)
INORGANIC CHEMISTRY
First of a three-course sequence designed for students intending to earn a degree in science, health, natural resources or engineering. Topics include: basic concepts about matter, measurements in chemistry, atomic and molecular structure, chemical bonding, the MOLE concept, gas laws, solution chemistry including acids and bases. Lab included. Prerequisite: MATH 98 or equivalent or taken concurrently. (NSL)

CHEM 112 (5 CR)
ORGANIC CHEMISTRY
Continuation of CHEM 111. Topics include: introduction to organic chemistry; bonding characteristics of carbon; structural formulas, IUPAC nomenclature, physical/chemical properties and reactions of the major classes of organic compounds. Lab included. Prerequisite: CHEM 111. (NSL)



CHEMISTRY

CHEM 113 (5 CR)
BIOLOGICAL CHEMISTRY
Continuation of CHEM 112. Topics include: introduction to biochemistry; structural and chemical characteristics of carbohydrates, lipids, proteins, enzymes, vitamins and nucleic acids; biochemical energy production; carbohydrate, lipid and protein metabolism. Lab included. Prerequisite: CHEM 112. (NSL)

CHEM 121 (5 CR)
GENERAL CHEMISTRY I
Designed for students interested in programs requiring a strong background in chemistry. Topics include chemistry principles and problem solving techniques; the structure of matter; introduction to quantitative relationships (the MOLE concept) as well as chemical reactions and reaction types. Lab included. Prerequisite: MATH 098. (NSL)

CHEM 122 (5 CR)
GENERAL CHEMISTRY II
Continuation of CHEM 121. Topics include: nuclear chemistry; atomic and molecular theory; electron configurations and periodicity; states of matter; gas laws; solution chemistry including colligative properties. Extensive problem solving and laboratory work included. Prerequisite: CHEM 121. (NSL)

CHEM 123 (5 CR)
GENERAL CHEMISTRY III
Continuation of CHEM 122. Topics include: control of chemical reactions; chemical kinetics and equilibria; acids and bases; precipitation reactions; electrochemistry and redox reactions; quantitative analysis. Extensive problem solving and laboratory work included. Prerequisite: CHEM 122. (NSL)

CHEM 188/288 (1-5 CR)
TOPICS IN CHEMISTRY
Taught in a classroom setting. (TE)

CHEM 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN CHEMISTRY
Individualized learning contracts between a student and an instructor. (TE)

CS – Communication Skills	NASD– Native American Studies	NS-Natural Science	QS-Quantitative Skills
HT – Humanities Theory	NE-Non Transferable Elective	NSL-Natural Science Lab	SS-Social Science
HP – Humanities Performance	TE-Transferable Elective	N-Non-Applicable	

May include Indigenous Service Learning Component

Courses

CHEMISTRY

CHEM 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN CHEMISTRY
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

CHEM 231 (5 CR)
ORGANIC CHEMISTRY I
Introduction to the structure, nomenclature, synthesis and reaction of the main types of organic compounds. Laboratory required: techniques of organic chemistry including separation, purification identification. Prerequisite: CHEM 121. (NSL)

CHEM 232 (5 CR)
ORGANIC CHEMISTRY II
Further discussion of physical properties and transformations of organic molecules, especially aromatic and carbonyl compounds. Laboratory required: synthesis and reactions of organic compounds, with introduction to practical spectroscopy. Prerequisite: CHEM 231. (NSL)

COMMUNICATION STUDIES

CMST 101 (4 CR)
INTRODUCTION TO ORAL COMMUNICATION
Fundamental course in oral communication. Students will apply their knowledge and acquired competencies in a variety of settings, including interpersonal, public speaking, and small group communication. Prerequisite: ENGL 100. (CS)

CMST 130 (5 CR)
INFORMATION LITERACY/CRITICAL THINKING
Presents skills that enable students to function as information-literate individuals capable of using and applying current information technology. Includes an introduction to online information and reference sources, and development of research skills for effective use of information resources. Students also study the implications of living in a digital society. (HT)

CMST 210 (4 CR)
INTERPERSONAL COMMUNICATION
Focuses on acquiring competency in maintaining interpersonal relationships. Includes verbal and non-verbal communication, giving and receiving appropriate feedback, how group dynamics affect human communication, the role of self-esteem the communication process, and the Native experience and its relationship to the process. Media research required. Prerequisite: ENGL 100 and CMST 130 or permission of instructor. (CS, HT)

CMST 220 (4 CR)
PUBLIC SPEAKING
Focuses on acquiring competency in public speaking. Emphasis is on information research, organization audience analysis, oral styles, use of visual aids, and the Native experience and its relationship to the process. Competencies in public presentations of various types of speeches are developed. Prerequisite: ENGL 100 and CMST 130, or permission of instructor. (CS, HT)

COMMUNITY HEALTH

COMH 101 (3 CR)
AMERICAN INDIAN HEALTH CARE SYSTEMS
Overview of the health status of American Indians and Alaska Natives including history of Indian health; American Indian health and federal legislation; current health indicators; Indian health care delivery systems, tribal health administration and management; health career opportunities. (NE, NASD)

COMH 102 (3 CR)
DIABETES IN NATIVE COMMUNITIES
Uses experiential learning to examine Type 2 diabetes in Native communities: the epidemic of diabetes, the biology of blood sugar, genetics, causes, prevention, complications, treatment, how community members prevent and deal with diabetes and community efforts. Discusses "best practices" for individuals, families and the community. Designed for health workers, teachers and general public. (NE, NASD,

COMH 121 (3 CR)
HEALTH CARE FOR AMERICAN INDIANS
Examines several basic programs of health care such as maternal-child health, dental, emergency services, diabetes,

COMMUNITY HEALTH

heart disease, alcoholism and substance abuse, mental health, and cancer. Discusses possible "best practices" for each program. Explores both the extent and limits of each program's effects on improving the health of individuals and tribal communities. Prerequisite: COMH 101 or 102. (NE, NASD)

COMH 122 (3 CR)
ENVIRONMENTAL HEALTH, DISASTERS & TRIBES
Explores balance in tribal environmental health including maintaining safe air, food and water; managing waste; preventing injuries and violence; addressing biological-chemical-nuclear safety; promoting psychological and spiritual resiliency. Students examine how public disasters threaten those balances and develop an emergency preparedness plan for their tribe. (NE, NASD)

COMH 123 (3 CR)
PUBLIC HEALTH FOR AMERICAN INDIANS
Examines several basic public health programs and disciplines such as health services, epidemiology, health education, environmental health, genetics in community health and the role of community in public health. Explores both the extent and limits of each program's effects on improving the health of individuals and tribal communities. Prerequisite: COMH 101 or 102. (NE, NASD,

COMH 124 (3 CR)
ADDICTION IN NATIVE COMMUNITIES
Examines addiction in Native communities: types of addictive substances; biology; genetics; physical complications; historical current social causes; prevention and treatment; emotional, psychological and spiritual aspects; law enforcement; "best practices" for individuals, families and communities. (NE, NASD)

COMH 188/288 (1-5 CR)
TOPICS IN COMMUNITY HEALTH
Taught in a classroom setting. (NE)

COMH 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN COMMUNITY HEALTH
Individualized learning contracts between a student and an instructor. (NE)

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QS-Quantitative Skills
SS-Social Science

May include Indigenous Service Learning Component

Courses

COMMUNITY HEALTH

COMH 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN COMMUNITY HEALTH
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

COMH 221 (3 CR)
IDENTIFYING & SOLVING HEALTH PROBLEMS
Focuses on how to identify and fully understand health problems and strengths and/or identify and fully understand effective health solutions in tribal communities. Each student will choose which health problem-strength-solution to identify and work on. Prerequisites: COMH 101 or 102 and COMH 121, 122, or 123, or permission of instructor. (NE, NASD)

COMH 222 (3 CR)
DEVELOPING & EVALUATING HEALTH PROGRAMS
Focuses on how to develop or strengthen programs in tribal communities to address health problems or to improve health solutions and how to evaluate the effectiveness of such programs. Each student will choose a health problem-solution-program to develop a plan for. Prerequisite: COMH 101 or 102 and COMH 121, 122, or 123, or permission of instructor. (NE, NASD)

COMPUTERS

CMPS 100 (1-2 CR)
COMPUTER BASICS
Introduction to the basic operation and functional uses of a computer in a Windows environment. (NE)

CMPS 101 (3 CR)
INTRODUCTION TO COMPUTERS
Computer lab course providing an introduction to MS Windows, MS Word (word processing application), MS Excel (spreadsheet application), the internet and e-mail. Review of basics computer components, disk handling, keyboard operation and copying files. Prerequisite: CMPS 100 or permission of instructor. (TE)

COMPUTERS

CMPS 104 (3 CR)
OPERATING SYSTEMS I: INSTALLATION AND TROUBLESHOOTING
Hands-on course will expose students to the nature and basis of various operating systems software and management of various types of associated peripheral hardware. Includes installation, maintenance, troubleshooting, recovery, memory and device management, and operating system requirements. Prerequisite: CMPS 101 or permission of instructor. (NE)

CMPS 105 (3 CR)
SOFTWARE I: APPLICATIONS FOR COMPUTER PROFESSIONALS
Hands-on course covering the fundamental operations of applications that computer professionals utilize in day-to-day work. Microsoft Visio and website building software are emphasized. Prerequisite: CMPS 101 or permission of instructor. (NE)

CMPS 106 (3 CR)
INTRODUCTION TO ANALOG & DIGITAL ELECTRONICS
Introduction to the field of electronics based on practical projects. Students will build a line following robot as a culminating activity. (NE)

CMPS 110 (3 CR)
DATABASE MANAGEMENT I
Use of database in creating, manipulating and managing a body of information efficiently. Students will create reports and mailing labels. Prerequisite: CMPS 101. (NE)

CMPS 116 (3 CR)
MICROSOFT OFFICE I
In-depth study of Microsoft Word and Excel in preparation for the Microsoft Office Users Specialist certification exam. Prerequisite: CMPS 101 or permission of instructor. (NE)

COMPUTERS

CMPS 117 (3 CR)
MICROSOFT OFFICE II
In-depth study of Microsoft Access and database management in preparation for the Microsoft Office Users Specialist certification exam. Prerequisite: CMPS 116. (NE)

CMPS 140 (3 CR)
NETWORKING I
Provides an introduction to the operations, managerial and technical aspects of microcomputer communications and local area networks. Hardware and software, as well as use of telecommunication methods such as facsimile, online databases, and electronic bulletin boards are integrated throughout the course. Prerequisite: CMPS 101 or permission of instructor. (NE)

CMPS 144 (3 CR)
NETWORKING II
Prepares students to take the Microsoft Certified Systems Engineer exam 70-58: Networking Essentials. Includes computer-based training with the text. Lectures are based on the book, exercises and sample exams to prepare for the certification exam. Prerequisite: CMPS 140. (NE)

CMPS 155 (3 CR)
INTRODUCTION TO COMPUTER APPLICATIONS
Techniques for effective use of a computer application program. The course is distance learning and hands-on using a self-paced tutorial manual. It requires access to a computer with the appropriate program. Student may choose Microsoft Word or Excel. (NE)

CMPS 156 (3 CR)
INTERMEDIATE COMPUTER APPLICATIONS
Intermediate-level use of an application program. Distance- learning and hands-on using a self-paced tutorial manual. It requires access to a computer with the appropriate program. Student may choose Microsoft Word or Excel. Satisfies general education computer requirement. Prerequisite: CMPS 155 or permission of instructor. (NE)

Courses

COMPUTERS

CMPS 160 (4 CR)
ASSEMBLY, MAINTENANCE & DIAGNOSTICS
Hands-on course focusing on assembly, installation, maintenance, troubleshooting and diagnostics of personal computer systems. Prerequisite: CMPS 101 or permission of instructor. (NE)

CMPS 170 (3 CR)
WEB PAGE DEVELOPMENT I
Beginning course in web page construction using a markup or document oriented language. Students introduced to basic web programming such as HTML and XML languages. Topics may include creating and using cookies, rollovers, browser monitoring, validation, recursion and shopping cart techniques. Prerequisite: CMPS 101 or equivalent. (NE)

CMPS 172 (3 CR)
WEB PAGE DEVELOPMENT II
Continuation of CMPS 170 with emphasis on developing advanced skills using the HTML programming language, web development languages and other programming languages. Topics may include creating and using cookies, rollovers, browser monitoring, validation, recursion and shopping cart techniques. Prerequisites: CMPS 110, 170 and 225 or permission of instructor. (NE)

CMPS 175 (5 CR)
CASINO GAMING SYSTEMS
Capstone course for casino gaming systems technicians. Focus is on advanced hardware and software features including installation and configuration of vendor-specific gaming devices; identifying, replacing and upgrading components; preventative maintenance; service documentation; slot gaming laws and policies; guest satisfaction. Prerequisites: CMPS 144 and CMPS 160. (NE)



COMPUTERS

CMPS 188/288 (1-5 CR)
TOPICS IN COMPUTERS
Taught in a classroom setting. (NE)

CMPS 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN COMPUTERS
Individualized learning contracts between a student and an instructor. (NE)

CMPS 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN COMPUTERS
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

CMPS 204 (3 CR)
OPERATING SYSTEMS II
Covers installing, upgrading and configuring advanced versions of Windows operating systems as well as an introduction to the Linux operation system. Prerequisite: CMPS 104. (NE)

CMPS 205 (3 CR)
SOFTWARE II: ADVANCED APPLICATIONS FOR COMPUTER PROFESSIONALS
Covers 3-D graphics programs to aid in workspace layout and presentation graphics. Prerequisite: CMPS 105 or permission of instructor. (NE)

CMPS 206 (3 CR)
INTRODUCTION TO MICRO-CONTROLLERS
Micro-controllers are the "brains" of robots, consumer electronics and industrial robotics. Activities will incorporate a variety of experiments using motion, light, sound and tactile feedback to introduce new concepts as well as introduce a variety of basic principles in the fields of computer programming, electricity and electronics, mathematics and physics. (NE)

CMPS 207 (3 CR)
ROBOT DEVELOPMENT
Focuses on building and programming a robot using a combination of mechanics, electronics and problem solving. The mechanical principles, example program listings and circuits used will be similar to or the same as industrial applications developed by engineers. Prerequisites: CMPS 106 and 206. (NE)

COMPUTERS

CMPS 209 (3 CR)
MEDIA APPLICATIONS: DIGITAL MEDIA & WEB TECHNOLOGY
Survey of eight interrelated Adobe products: InDesign, Flash, Photoshop, Acrobat, Bridge, Illustrator, Fireworks and Dreamweaver. Introduction to basic functionality and relationships between products and how to choose the right program(s) to accomplish a particular task. Prerequisite: CMPS 101. (NE)

CMPS 212 (3 CR)
GRAPHIC DESIGN: DIGITAL MEDIA & WEB TECHNOLOGY
Immersion using Adobe PhotoShop CS4 graphics editing program for commercial bitmap and image manipulation. Students gain knowledge necessary to become a Certified Adobe Associate. Prerequisite: CMPS 101. (NE)

CMPS 214 (3 CR)
DESKTOP PUBLISHING: DIGITAL MEDIA & WEB TECHNOLOGY
Focus on using Photoshop, InDesign, Illustrator, Acrobat and Bridge for design and development of web page content, and on effective communication with clients in determining website parameters. Prerequisite: CMPS 101 (NE)

CMPS 216 (3 CR)
WEB DEVELOPMENT: DIGITAL MEDIA & WEB TECHNOLOGY
Immersion using Adobe Dreamweaver web page development editor. Preview and management of web sites. Creation of multiple pages with similar structures. Students gain knowledge necessary to become a Certified Adobe Associate. Prerequisite: CMPS 101. (NE)

CMPS 218 (3 CR)
PROJECT MANAGEMENT: DIGITAL MEDIA & WEB TECHNOLOGY
Project-based approach to design and development, from Planning to evaluation and launch. Focuses on digital media and web technology related to planning, organization, control, client and team interaction, quality and design iteration. Prerequisite: CMPS 101. (NE)

CMPS 220 (2 CR)
CAREERS: DIGITAL MEDIA & WEB TECHNOLOGY
Explores careers in digital media and web technology. Focuses on identification

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May include Indigenous Service Learning Component

Courses

COMPUTERS

of career interest areas and the use of Adobe software in different various types of work environments, projects, and careers. Prerequisite: CMPS 101. (NE)

CMPS 225 (4 CR)
INTRODUCTION TO PROGRAMMING
Designed to guide the student to an understanding of Visual Basic and how it is used in application programming. Covers fundamentals of Visual Basic program structure, command, syntax, procedures and functions. Prerequisite: CMPS 205. (NE)

CMPS 235 (3 CR)
ELECTRONIC SPREADSHEET I
Use of computer to create a variety of spreadsheets using common spreadsheet commands. Students learn effective ways to set up structures, how to display information through reports and charts and basic file maintenance procedures. Prerequisite: CMPS 101 or permission of instructor. (NE)

CMPS 236 (3 CR)
ELECTRONIC SPREADSHEET II
Continuation of building a variety of spreadsheets. Emphasis is on terms relevant to business operations and financial analysis. Students learn how to program macros and to transfer files and data to other programs. Prerequisite: CMPS 235. (NE)

CMPS 237 (3 CR)
ELECTRONIC SPREADSHEET III
Special topics in spreadsheets. Prerequisite: CMPS 236. (NE)

CMPS 243 (3 CR)
NETWORKING III: NETWORK ADMINISTRATION
Focuses on installing, configuring and administering a Windows based server. Covers various file systems and disk management functions as well as administering the operating system and Active Director services. Also covers monitoring and optimizing a Windows server system. Prerequisite: CMPS 144. (NE)

CMPS 244 (3 CR)
NETWORKING INFRASTRUCTURE
Covers issues such as network protocol

COMPUTERS

and services based on the requirements of an organization. Focuses on utilizing, and configuring TCP/IP protocol, using features such as NetBIOS, WINS, DHCP and DNS. Prerequisite: CMPS 243. (NE)

CMPS 245 (3 CR)
MS EXCHANGE SERVER
Designed to guide the student to an in-depth understanding of Microsoft Exchange Server and how it is installed, configured and managed in a Microsoft Windows NT networked environment. (NE)

CMPS 247 (3 CR)
DESKTOP PUBLISHING I
Techniques of preparation of material for publication. Provides an overview of the field of "in-house" publishing. Students gain experience in the writing and design of signs, resumes, brochures and newsletters. Prerequisite: CMPS 101 or permission of instructor. (NE)

CMPS 250 (3 CR)
MULTIMEDIA DEVELOPMENT
Presents a multimedia development language that integrates video, sound and animation into a multimedia project. Prerequisite: CMPS 101 or permission of instructor. (NE)

CMPS 260 (2-3 CR)
CAPSTONE PROJECT
Provides the vehicle for students to show overall competency in applied computer technology and the specialties, which have been a part of their particular degree program. Under supervision of a faculty advisor, the student selects an appropriate subject, performs the necessary research and presents the results. Prerequisite: Permission of instructor. (NE)

CMPS 270 (3 CR)
ASSEMBLY, MAINTENANCE & DIAGNOSTICS II
Hands-on course focusing on advanced assembly, installation, maintenance, troubleshooting and diagnostics of personal computer systems. Students will manage a hard drive, evaluate a system, plan for and conduct disaster recovers and use hardware and software diagnostic tools. Prerequisite: CMPS 160. (NE)

COMPUTERS

CMPS 271 (3 CR)
A+ EXAM PREPARATION
Focuses on the skills and information necessary to take the Computing Technology Industry Association (CompTIA) A+ exam. Builds on prerequisite courses by having students take many practice exams. Prerequisite: CMPS 160 & 270. (NE)

CMPS 272 (5 CR)
WEB PAGE DEVELOPMENT III
Integrates concepts from previous courses in database, HTML, web development software and other programming languages. Students will use SQL querying commands to access a database and deal with a web server. Emphasis on the use of data types, variables, arrays, collection of data and control structures. Prerequisite: CMPS 172 or permission of instructor. (NE)

DRAMA

DRMA 101 (3 CR)
ACTING I
Exploration of acting fundamentals in experimental manner. Some theory, analysis, and practice in a supportive group environment. (HP)

DRMA 102 (3 CR)
ACTING II
Application of acting fundamentals in a formal theatrical production. Students will work within a cast and crew to prepare and present a minor production for viewing. (HP)

DRMA 103 (3 CR)
PLAY PRODUCTION
Focuses on aspects of theater that support the performance such as stage makeup, set construction, lighting, publicity and promotion, and general theater management. The student will be introduced to each of these elements and shall assume responsibility for one or more in an actual production. (HP)

DRMA 188/288 (1-5 CR)
TOPICS IN DRAMA
Taught in a classroom setting. (TE)

DRMA 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN DRAMA
Individualized learning contracts between a student and an instructor. (TE)

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May include Indigenous Service Learning Component

Courses

DRAMA

DRMA 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN DRAMA
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

DRMA 207 (4 CR)
NATIVE AMERICAN THEATER THEORY
Explores theater performed by Native Americans in the USA. Includes readings of Native American dramas, improvisation and storytelling. (HT, NASD)

DRMA 210 (3 CR)
INTRODUCTION TO CINEMA
Appreciating and analyzing film; historical survey and Native American films. Students learn film vocabulary, discuss ideas in class, and write analysis papers. Discussion concerning the image of the American Indian in films. Prerequisite: ENGL 101. (HT)

EARLY CHILDHOOD EDUCATION

ECED 100 (3 CR)
EARLY EDUCATORS AND YOUNG LEARNERS
Introduction to early childhood development and education focusing on professionalism in the field, observation and documentation of child behavior, the importance of safety and health, and the relationships between play, learning, and the environment. Practicum hours required. (NE)

ECED 101 (5 CR)
INTRODUCTION TO EARLY CHILDHOOD EDUCATION
Survey course presenting historical and philosophical foundations of early childhood education as well as providing a broad overview of current educational models, research, issues and trends. (SS)

ECED 103 (3 CR)
PRACTICES AND PLANS TO SUPPORT DEVELOPMENT
Introduces methods for supporting young children's emotional strength, social interactions, physical competence, and intellectual growth in early childhood settings. Positive child guidance and family partnerships emphasized. Practicum hours required. Prerequisite: ECED 100. (NE)

EARLY CHILDHOOD EDUCATION

ECED 104 (3 CR)
EARLY CHILDHOOD PROGRAM MANAGEMENT
Integrates concepts and practices from previous courses for managing all aspects of the early childhood classroom. Organizing space, time, and materials, building good working relationships, planning curriculum, keeping accurate records, making appropriate decisions for quality programming, pursuing professional development, and advocacy are addressed. Practicum hours required. Prerequisite: ECED 103 (NE)

ECED 106 (3 CR)
GUIDANCE IN EARLY CHILDHOOD
Covers how to provide relationship-based direct and indirect guidance for young children, encouraging their full participation in the early learning setting, their family and their tribal community. May be offered as three 1 credit courses: ECED 106A, Building Relationships & Understanding Behavior; ECED 106B, The Encouraging Classroom; ECED 106C, Positive Guidance. (NE)

ECED 107 (3 CR)
FRAMEWORKS FOR EARLY CHILDHOOD EDUCATION
Using peer counseling theory and practice, students are offered frameworks for understanding a variety of complex issues in ECE from children's emotions and learning to social and political contexts. Emphasis is on the importance of human connection and support for both young children and adults amidst these complexities.(NE)

ECED 108 (3 CR)
RE-EVALUATION COUNSELING TOOLS
Offers the opportunity to acquire additional co-counseling skills, to increase the ability to use and support the emotional discharge process, to apply theory to practice in early learning settings, and to develop leadership skills. Co-counseling sessions among members of the class are required between class meetings. Prerequisite: ECED 107 or HUMS 107. S/U grading. (NE)

ECED 120 (2 CR)
STARS BASICS FOR CHILD CARE
Provides basic caregiver training in the areas of child growth and development, child guidance, health and safety. Fulfills the twenty-hour training requirement for the Washington State Training and Registry System (STARS) for childcare workers and home care providers. S/U Grading. (NE)

EARLY CHILDHOOD EDUCATION

ECED 160 (3 CR)
INFANT-TODDLER CAREGIVING
Designed for caregivers working with children in the first 3 years of life. Explores importance of attachment, culturally consistent and responsive care giving, and relationships among staff, children and families. Creation of safe, nurturing, predictable and culturally responsive environments to support social, emotional, physical, and intellectual development is emphasized. May be offered as three one-credit courses. ECED 160A: Supporting Healthy Social and Emotional Development. ECED 160B: Encouraging Healthy Physical Development. ECED 160C: Responsive Learning Environments. (NE)

ECED 188/288 (1-5 CR)
TOPICS IN EARLY CHILDHOOD EDUCATION
Taught in a classroom setting. (NE)

ECED 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN EARLY CHILDHOOD EDUCATION
Individualized learning contracts between a student and an instructor. (NE)

ECED 197A (3 CR)
PRACTICUM I: EXPRESSING WARMTH TO CHILDREN
Offers a series of tasks coupled with a weekly seminar to investigate the student's own actions, articulate their fundamental values to others, deeply enhance their ability to connect with young children in their care, and improve their effectiveness as teachers. (NE)

ECED 197B (3 CR)
PRACTICUM II: PLAYING RESPONSIVELY
Offers a series of tasks to complete in an ECE setting, coupled with a weekly seminar to understand young children's play, learn to play responsively, and be able to support a child's development and full flourishing as a human being within their culture and community. Prerequisite: ECED 197A. (NE)

Courses

EARLY CHILDHOOD EDUCATION

ECED 197A (3 CR)
PRACTICUM I: EXPRESSING WARMTH TO CHILDREN
Offers a series of tasks coupled with a weekly seminar to investigate the student's own actions, articulate their fundamental values to others, deeply enhance their ability to connect with young children in their care, and improve their effectiveness as teachers. (NE)

ECED 197B (3 CR)
PRACTICUM II: PLAYING RESPONSIVELY
Offers a series of tasks to complete in an ECE setting, coupled with a weekly seminar to understand young children's play, learn to play responsively, and be able to support a child's development and full flourishing as a human being within their culture and community. Prerequisite: ECED 197A. (NE)

ECED 206 (3 CR)
BUILDING RELATIONSHIPS: CULTURE, FAMILY, COMMUNITY
Focuses on family, school, and community systems as they relate to and support children's development. Beginning case management and communication skills are examined. Community support systems for families and children and opportunities for advocacy that promote continued growth and development of systems of support are investigated. Prerequisite: ECED 101. (NE)



EARLY CHILDHOOD EDUCATION

ECED 210 (3 CR)
EARLY CHILDHOOD DEVELOPMENT
Provides an introduction to childhood development theories and philosophies. Designed to give the student a survey of the factors that impact the development of a child from birth through age eight. Explores the interlocking components of biology, social structure, environment, and individual personality. Prerequisite: ENGL 101. (NE)

ECED 212 (3 CR)
OBSERVATION, DOCUMENTATION & ASSESSMENT
Provides an introduction to formal and informal observation and assessment tools used in classrooms for children from birth to age eight. Designed to give the student a means of understanding the role of documentation in the development of curriculum and assessment that is responsive to a child's social, physical, emotional, and cognitive development. Prerequisite: ECED 101. (NE)

ECED 213 (3 CR)
PRESCHOOL CURRICULUM DEVELOPMENT
Integrates understanding of relationships, the learning process, and developmentally effective approaches to teaching and learning, with knowledge of content areas to design, implement, and evaluate positive learning experiences for pre-school-aged Native children. Curriculum areas include: language and literacy, math and science, and social studies and humanities. Service learning or practicum hours required. Prerequisites: ECED 101 or ECED 104 or permission of instructor. (NE)

ECED 220 (3 CR)
COMMUNICATION, LANGUAGE & LITERATURE
Introduction to research on language and literacy development and to strategies that support both. Emphasis on the observation of children and the development of non-verbal, verbal, and written language, including Native language and English. Service learning recommended. Prerequisite: ECED 101 or 104. (NE)

EARLY CHILDHOOD EDUCATION

ECED 221 (3 CR)
HEALTH, SAFETY AND LEGAL ISSUES
Examines health and safety issues in early childhood group settings with an emphasis on teamwork with Native families and prevention. Provides instruction on teaching health and safety concepts in developmentally appropriate ways to young children. Includes examination of legal responsibilities concerning abuse and neglect and children with special needs. Prerequisite: ECED 101 or 104. (NE)

ECED 297A (3 CR)
PRACTICUM III: TALKING INFORMATIVELY
Offers a series of tasks coupled with a weekly seminar to investigate and transform adult communications from directive to informative, promoting children's social responsibility and connection with others, and enriching their vocabularies. Prerequisite: ECED 197B. (NE)

ECED 297B (3 CR)
PRACTICUM IV: ATTENDING TO INITIATIVE, PERSEVERANCE AND COOPERATION
Offers a series of tasks coupled with a weekly seminar to investigate how children take initiative, cooperate with one another, and persevere in difficult tasks. Students attend to these essential abilities and develop skills to promote them within their daily interactions. Prerequisite: ECED 297A. (NE)



CS – Communication Skills	NASD– Native American Studies	NS-Natural Science	QS-Quantitative Skills
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HP – Humanities Performance	TE-Transferable Elective	N-Non-Applicable	

May include Indigenous Service Learning Component

Courses

ECONOMICS

ECON 188/288 (1-5 CR)
TOPICS IN ECONOMICS
Taught in a classroom setting. (TE)

ECON 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN ECONOMICS
Individualized learning contracts between a student and an instructor. (TE)

ECON 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN ECONOMICS
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

ECON 201 (5 CR)
PRINCIPLES OF MACROECONOMICS
Introduction to macroeconomics; elementary analysis of the determination of income, including the level of income, fluctuations in income, and growth of income; the role of monetary and fiscal policy, inflation, unemployment; recession, and depressions. Prerequisites: ENGL 100 and MATH 099. (SS)

ECON 202 (5 CR)
PRINCIPLES OF MICROECONOMICS
This course focuses on the basic principles of economics that apply to individual decision-makers, firms and organizational structure within Tribal and other communities. Among the topics emphasized are supply, demand and resource allocation; various market and industry structures; social costs and benefits; international trade; and comparative systems. Prerequisites: ENGL 100 and MATH 099. (SS)



EDUCATION

EDUC 102 (3 CR)
INTRODUCTION TO TEACHING
An examination of the field and foundations of education and the teaching profession. Four Themes will be explored: schools and students, the ethical and legal issues around teaching, the body of thought and experience that surrounds the practice of education, and the teaching profession. (TE)

EDUC 110 (3 CR)
INTRODUCTION TO INDIAN EDUCATION
Traditional educational practices; survey of missionary and early federal efforts; major legislation and its implementation; federal, state, and local school district control of Indian education; tribal schools; development of the Indian education movement; contemporary theories and realities; relevant research. (SS, NASD)

EDUC 151 (3 CR)
NATIVE LANGUAGE CERTIFICATION I
First of four courses designed to prepare Native Language Teachers for certification according to the procedures set out by the Tribe or Tribal Language Committee designated by the Tribe to certify teachers to teach their language. Students are introduced to the writing system and the structure of the language. Students are expected to master the writing system, to learn how to write the words presented in class and to become completely familiar with grammatical features presented. Prerequisite: Acceptance into language program by designated Language Committee. (NE, NASD)

EDUC 152 (3 CR)
NATIVE LANGUAGE CERTIFICATION II
Second course in Native Language Certification preparation. Prerequisite: EDUC 151. (NE, NASD)

EDUC 153 (3 CR)
NATIVE LANGUAGE CERTIFICATION III
Third course in Native Language Certification preparation. Prerequisite: EDUC 152. (NE, NASD)

EDUCATION

EDUC 154 (3 CR)
NATIVE LANGUAGE CERTIFICATION IV
Fourth course in Native Language certification preparation. Prerequisite: EDUC 153. (NE, NASD)

EDUC 161 (2 CR)
INTRODUCTION TO PARAEDUCATION
Introduction to the duties, responsibilities, and importance of paraeducators in schools. Covers roles of the paraeducator, child development, safety and health, computer introduction, and cultural awareness, specifically in working with children and families. (NE)

EDUC 162 (2 CR)
PARAEDUCATOR AS LEARNING ASSISTANT
Explores learning styles and multiple intelligence, a variety of instructional strategies, special needs and special programs for children, providing instructional support, and job search strategies. (NE)

EDUC 163 (2 CR)
PARAEDUCATOR: STRENGTHENING EDUCATION
Provides additional strategies, applications, and information to better prepare the paraeducator for a variety of responsibilities in tribal and public schools and ECE programs. Topics include culture, equity, health and safety, assessment, library, research and writing, capable learners, computer assisted instruction, job search skills and observing and participating in classrooms. (NE)

EDUC 188/288 (1-5 CR)
TOPICS IN EDUCATION
Taught in a classroom setting. (NE)

EDUC 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN EDUCATION
Individualized learning contracts between a student and an instructor. (NE)

EDUC 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN EDUCATION
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

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Courses

EDUCATION

EDUC 203 (3 CR)
ISSUES IN EDUCATION
Study of issues and relevant principles in education; responsibilities of government, parents, pupils and teachers. Race, class, culture and sexuality as issues in education. Includes principles for developing philosophy of education. (NE)

EDUC 220 (3 CR)
INTRODUCTION TO EXCEPTIONAL CHILDREN
Introduction to special instructional needs of gifted and handicapped children with a focus on the issues and perspectives of American Indian communities. (NE)

EDUC 260 (5 CR)
STRATEGY INSTRUCTION FOR SPECIAL EDUCATION
Focuses on rationale of strategy instruction for special education students while comparing it to more traditional methods of instruction. Compares strengths and weakness of alternative methods for instruction such as basic skills remediation, study skills instruction, tutorial methods, content equivalent approach and strategy instruction. (NE)

EDUC 262 (3 CR)
LEGAL ISSUES IN SPECIAL EDUCATION
Explores the procedural and legal issues governing special education that educators are legally responsible for implementing in their professional roles. Covers history of Special Education Law that has served to define IDEA, current federal statutes, Washington State rules and regulations and introduction to developing legally correct IEPs. (NE)

EDUC 275 (3 CR)
DESIGN & FACILITATION FOR LIVING
Required for Chemical Dependency Counselor Certification II. Focuses on how to design and facilitate short workshops for clients or groups. Emphasis on blending good educational and counseling practices. (NE)

EDUCATION

EDUC 281 (5 CR)
TEACHING IN INCLUSIVE CLASSROOMS
Methods course for teaching students with disabilities in general education classrooms. (NE)

EDUC 295 (5 CR)
CROSS-CULTURAL ASSESSMENT IN SPECIAL EDUCATION
Presents emerging principles of culturally inclusive assessment concepts and new measures of evaluating special needs children in multicultural education settings. Prerequisite: EDUC 220. (NE)

ENGLISH

ENGL 095 (5 CR)
GRAMMAR AND PUNCTUATION
Designed to give students a review of basic English grammar and punctuation through organized workbook activities closely monitored by instructors. Includes writing assignments interwoven throughout computer and textbook activities. (N)

ENGL 098 (5 CR)
CONSTRUCTING THE PARAGRAPH
Designed to give students practice at writing paragraphs and essays in order to understand the structure and composition of the paragraph. Creative writing and analysis of reading are combined with individualized skill development. Prerequisite: ENGL 095 or Placement Test. (N)

ENGL 100 (5 CR)
INTRODUCTION TO COLLEGE WRITING
Focuses on an essay and summary writing portfolio as well as basic grammar. Students create portfolio containing two essays and one summary. Prerequisite: ENGL 098 or placement test. (NE)

ENGLISH

ENGL 101 (5 CR)
ENGLISH COMPOSITION I
Focuses on improving writing by developing creative and analytical skills and by writing well developed, organized, significant and grammatically correct expositions as well as summaries of readings and other short assignments. Students prepare a portfolio containing essays and a summary. Prerequisite: ENGL 100 or placement test. (CS)

ENGL 102 (5 CR)
ENGLISH COMPOSITION II
Students develop personal writing voice while also creating a research paper. Short papers also required. Emphasis on paraphrasing, summarizing, citing, quoting, organization, development, and improved style in sentences, paragraphs, and total essay. Prerequisite: ENGL 101 (CS)

ENGL 104 (5 CR)
BUSINESS COMMUNICATIONS
Designed to develop listening, speaking, and writing skills in preparation for the business setting. Special emphasis placed on writing various types of business letters and memorandums, using acceptable tone and voice, proper punctuation and spelling. Prerequisite: ENGL 100. (NE)

ENGL 111 (1-5 CR)
PORTFOLIO WORKSHOP
Designed to meet the individual needs of students developing portfolios for ENGL 100, 101 and 102. At the discretion of the instructor, students will be assigned reading, research, and technical skills assignments. Credit is awarded according to student hours and portfolio product. (TE)



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May include Indigenous Service Learning Component

Courses

ENGLISH

ENGL 148 (3 CR)
INTRODUCTION TO INDIAN LEGENDS
Designed for students to become familiar with a wide range of Pacific Northwest Indian legends and to develop story telling and listening skills as well as to gain an overall appreciation and understanding of Indian philosophy by recognizing common themes. (HT, NASD)

ENGL 155 (3 CR)
INTRODUCTION TO CREATIVE WRITING
Designed for students to read, discuss and interpret contemporary poems, stories and short plays to inspire their own writing. Covers exploration of various writing techniques. Prerequisite: ENGL 100. (HT)

ENGL 156 (3 CR)
INTRODUCTION TO POETRY WRITING
Students read models of poetry, discuss key literary elements of various selections, record activities in a journal, and write poems. Prerequisite: ENGL 100. (HT)

ENGL 188/288 (1-5 CR)
TOPICS IN ENGLISH
Taught in a classroom setting. (TE)

ENGL 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN ENGLISH
Individualized learning contracts between a student and an instructor. (TE)

ENGL 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN ENGLISH
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

ENGL 202 (5 CR)
TECHNICAL WRITING
Introduction to effective technical writing. Emphasis placed on audience analysis, library and Internet research, components of technical literature, evaluation of sources, use of appropriate style guidelines, and writing an effective technical paper. Prerequisite: ENGL 101. (CS)

ENGLISH

ENGL 236 (5 CR)
SURVEY OF NATIVE AMERICAN LITERATURE
General survey of legends, early Native American bibliographies and short contemporary literary works. Focuses on developing literary analysis, writing, and discussions skills. For fifth credit student must read and report on an approved novel. Prerequisite: ENGL 101, NASD 110 or permission of instructor. (HT, NASD)

ENGL 237A-E (1 CR EA)
PROJECTS IN NATIVE AMERICAN LITERATURE
A study of legends, nineteenth century, and contemporary literature by Native Americans. Each letter is an independent, one credit, writing enriched project. Intended as a more in-depth follow up to Survey of Native American Literature. Prerequisite: ENGL 236. (HT, NASD)

ENGL 305 (5 CR)
TECHNICAL WRITING FOR TRIBAL LEADERS
Writing for technical and professional purposes using multiple text formats in printed and electronic media. Provides the skills necessary to communicate in scientific, cultural, business and political arenas based on how Native American perspectives can influence decision-making. Prerequisite: ENGL 102.



ENVIRONMENTAL SCIENCE

ENVS 105 (5 CR)
INTRODUCTION TO ENVIRONMENTAL SCIENCE
Introduction to environmental concepts and dynamics. Ecosystems, biomes, management and human impact discussed. Parallel worldviews of the environment presented. Problems and solutions on different environmental issues considered. Lab included. (NSL)

ENVS 108 (5 CR)
FUNDAMENTALS OF ENVIRONMENTAL SCIENCE
Focuses on ecological principles and environmental issues such as population, natural resources, land use planning and problems of pollution and waste management. Information is included about tribal environmental concerns. (NS)

ENVS 188/288 (1-5 CR)
TOPICS IN ENVIRONMENTAL SCIENCE
Taught in a classroom setting. (TE)

ENVS 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN ENVIRONMENTAL SCIENCE
Individualized learning contracts between a student and an instructor. (TE)

ENVS 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN ENVIRONMENTAL SCIENCE
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

ENVS 201 (5 CR)
NORTHWEST PLANTS
Field-based course designed to acquaint students with the flora of the Northwest. Covers identification, ecology, and traditional uses of regional flora. Lab included. (NSL, NASD)

ENVS 210 (5 CR)
WATERSHED ECOLOGY
Basic biological, chemical and physical characteristics of the hydrologic cycle of groundwater and surface waters, including stream water quality parameters and effects of human land use on water quality and availability. Lab included. (NSL)

COURSES

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May include Indigenous Service Learning Component

Courses

ENVIRONMENTAL SCIENCE

ENVS 211 (5 CR)
SOIL SCIENCE
Covers important physical, chemical, and biological properties of soils. Includes soil morphogenesis, soil taxonomy, nutrient dynamics in soils, soil chemical properties, the behavior of water in soil, and the relationships between soil properties and plant growth. Lab included. Prerequisite: Introductory chemistry or permission of instructor. (NSL)

ENVS 212 (5 CR)
WILDLAND FIELD ECOLOGY
Examines the threads of life that form the tapestries of the natural world. Topics include change, stability, patterns, structure, diversity, interactions, and cycling in ecosystems. Field-based labs included. Prerequisite: ENVS 201 or permission of instructor. (NSL)

ENVS 225 (5 CR)
WATER QUALITY
Introduces basic water chemistry, water pollution, water treatment, water sampling and analysis, and nutrient cycles. Lab included. Prerequisite: CHEM 111 or 121 or concurrent enrollment. (NSL)

ENVS 226 (5 CR)
WATER RESOURCES & MANAGEMENT
Presents the basics of physical, chemical, and socioeconomic aspects of the management of water resources. Lab included. Prerequisite: BIOL 101 or ENVS 105 or permission of instructor. (NSL)

ENVS 240 (5 CR)
INTRODUCTION TO AIR QUALITY
Focuses on natural and man made air pollution sources, chemistry and effects, including basic meteorological and pollution interactions. Collect, analyze and interpret current real time air quality data. The course examines federal and tribal air quality regulations. Prerequisites: CMPS 101or permission of instructor, MATH 098, BIOL 101 or 201, CHEM 111, and ENGL 101. (NSL, NASD)

ENVIRONMENTAL SCIENCE

ENVS 265 (3 CR)
GIS AND REMOTE SENSING
Introduces use and operation of GIS software as well as the integration of air photos and satellite images into GIS systems. Lab included. (NSL)

ENVS 280 (3 CR)
ENVIRONMENTAL STUDIES PROJECT
This capstone project integrates student work across different areas of study, including English, Political Science, Environmental Sciences and Resource Management. The project supports students in preparing the success in further college coursework in environmental studies or in employment with Tribal or other environmental organizations. Prerequisites: MATH 107, ENGL 201. (TE)

ENVS 330 (4 CR)
HYDROLOGY: SACRED WATERS
Presents the hydrologic cycle and imparts an understanding of its components and their interactions with human activities. Emphasizes the various interdependent hydrologic processes of the Pacific Northwest, the relationship of those processes to the habitat for salmonids, and the importance to tribes. Prerequisites: GEOL 101 or 211 and MATH 102 or 107.

ENVS 370 (3 CR)
FIELD STUDY METHODS FOR ECOLOGY: WAYS OF KNOWING, GATHERING INFORMATION & BUILDING KNOWLEDGE
Lab-intensive course that teaches field methods for the wildland biologist with .an emphasis on tribal lands and territories. Course includes experimental design; data acquisition and analysis; field methods used to study plants, animals, and water; and the preparation of field study reports. Prerequisite: MATH 210, BIOL 202 or 203.

ENVIRONMENTAL SCIENCE

ENVS 375 (4 CR)
EXPLORING PLACE THROUGH IMAGING
Focuses on the use of cartography, Geographic Information Systems, remote sensing and other visual tools in the evaluation, planning, and management of cultural and natural resources. Prerequisites: CMPS 101, GEOL 101 or 211, and MATH 102 or 107.

ENVS 388/488 (1-5 CR)
TOPICS IN ENVIRONMENTAL STUDIES
Taught in a classroom setting.

ENVS 389/489 (1-5 CR)
INDIVIDUALIZED STUDIES IN ENVIRONMENTAL SCIENCE
Individualized learning contract between student and instructor.

ENVS 397/497 (1-5 CR)
INTERNSHIP/PRACTICUM IN ENVIRONMENTAL SCIENCE
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field.

ENVS 430 (5 CR)
AQUATIC ECOLOGY: WATER WEBS & CYCLES
This course provides a tribal and global understanding of aquatic ecosystems with an emphasis on tribal stewardship of lakes, rivers and wetlands. Prerequisites: BIOL 202, 203 and 310.

ENVS 440 (5 CR)
ECOLOGY OF THE SALISH SEA
Explores the dynamics of marine environments focusing on traditional Native perspectives on the Salish Sea and scientific inquiry of the marine environment through laboratory exploration. Prerequisites: BIOL 203 and MATH 210.

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Courses

ENVIRONMENTAL SCIENCE

ENVS 481 (5 CR)
ECOPHYSIOLOGY: EARTH WEBS & CYCLES
Uses concepts of math, meteorology, physics, plant physiology and ecology to study the plant-environment interface. The dynamic understanding created in this course helps to explain the role of variables that influence the structure and function of ecosystems, and in turn, shape human communities that depend upon these ecosystems. Prerequisites: BIOL 310 and MATH 102. (NSL)

GEOGRAPHY

GEOG 188/288 (1-5 CR)
TOPICS IN GEOGRAPHY
Taught in a classroom setting. (TE)

GEOG 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN GEOGRAPHY
Individualized learning contracts between a student and an instructor. (TE)

GEOG 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN GEOGRAPHY
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

GEOG 203 (5 CR)
PHYSICAL GEOGRAPHY
Principles and techniques in analysis of aerial distributions in the natural environment; landforms, water, climate, soils, vegetation. Lab work included. Prerequisite: At least one introductory science course or permission of instructor. (NSL)



GEOLOGY

GEOL 101 (5 CR)
INTRODUCTION TO GEOLOGY
Covers basic geologic processes and earth cycles. Topics include minerals and rocks, earth history, structures and plate tectonics plus consideration of environmental geology such as rivers and floods, landslides, earthquakes, mining and hydrology. Lab work included. (NSL)

GEOL 111 (5 CR)
FINDING THINGS OUT IN EARTH SCIENCE
Designed for students to learn, through hands-on inquiry, the nature of earth systems and how matter and energy work in the interior and exterior of the earth. Students are helped to develop a positive attitude towards science while understanding what it means to learn scientific concepts. Lab included. (NSL)

GEOL 188/288 (1-5 CR)
TOPICS IN GEOLOGY
Taught in a classroom setting. (TE)

GEOL 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN GEOLOGY
Individualized learning contracts between a student and an instructor. (TE)

GEOL 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN GEOLOGY
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

GEOL 211 (5 CR)
PHYSICAL GEOLOGY
Origin, composition, and structure of earth. Advanced identification of rocks and minerals; the evolution of the surface features of continents and interpretation of landforms from maps. Lab work included. Prerequisite: GEOL 101 or permission of instructor. (NSL)

HEALTH

HLTH 105 (3 CR)
BASIC NUTRITION
Provides basic knowledge of nutrition and assists student in improving his/her own health through changes in eating habits. Also assists the student in weight control and provides guidance and instruction for staying healthy with recipes using commodity foods. (NE)

HLTH 110 (1 CR)
BASIC FIRST AID
Offers instruction to prepare a person to give emergency first aid to someone suffering from such conditions as fractures, poisoning, burns, bleeding, drug overdose, convulsions, and hypothermia. Includes practice in bandaging, splinting, and treatment of choking. Successful completion of the course earns a standard American Red Cross First Aid card. (NE)

HLTH 111 (1 CR)
INFANT CPR
Life saving skills to help infants and children. Early signals of breathing emergencies and first aid until advanced medical care arrives. How to give CPR to an infant or a child whose heart has stopped. Focuses on how to reduce the risk of injury to infants and children. (NE)

HLTH 112 (1 CR)
ADULT CPR
Lifesaving skills to help adults experiencing a breathing or cardiac emergency. How to deal with an emergency and how to give first aid to adults until advanced emergency care arrives. (NE)

HLTH 130 (3 CR)
HONOR THE GIFT OF FOOD
Introduction to traditional foods and basic nutrition. Emphasis is on the relationship between culture, traditional foods and how whole foods are grown, processed and prepared for human consumption. Upon completion of this class students will have basic knowledge of healthy food choices and how to include them in their lives.

Courses

HEALTH

HLTH 188/288 (1-5 CR)
TOPICS IN HEALTH
Taught in a classroom setting. (NE)

HLTH 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN HEALTH
Individualized learning contracts between a student and an instructor. (NE)

HLTH 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN HEALTH
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)



HISTORY

HIST 050 (3-5 CR)
WORLD HISTORY
Provides an overview of world history, focusing on China, India, Latin America, the Middle East, the Commonwealth of Independent States, Sub-Saharan Africa, and Europe. S/U grading. (N)

HIST 051 (3-5 CR)
US HISTORY I
Focuses on the study of pre-colonial America, colonial America, and the growth of the United States to 1865. Emphasis placed on the development of political, social, and economic patterns. S/U grading. (N)

HIST 052 (3-5 CR)
US HISTORY II
Covers basic US historical movements and concepts from the Reconstruction (Post-Civil War) to the present. Units are linked to current US news. S/U grading. (N)

HIST 053 (3-5 CR)
WASHINGTON STATE HISTORY
Covers the history of Washington State during the pre-contact period, the European exploration period, the settlement period, the territorial period, and the period of growth of political and social institutions from the viewpoint of the Native American as well as from the viewpoint of the non-Indian. S/U grading. (N)

HIST 054 (3-5 CR)
CONTEMPORARY WORLD PROBLEMS
Designed to provide the student with a view of the US as one country in a system of global interdependence and to develop an individual awareness of world problems and prospects for the future. S/U grading. (N)

HIST 055 (3-5 CR)
GOVERNMENT AND LAW
Survey of the organization and functions of the US Government, along with the realities of lobby and pressure groups. Individual responsibilities and opportunities of a US citizen are also covered. S/U grading. (N)

HISTORY

HIST 111 (2 CR)
PRE-CONTACT NATIVE AMERICAN HISTORY
Study of Native American History focusing on themes from oral narratives and other historical accounts. Course will study other expressions of history and identity such as totemic art, dance, song, and potlatch. Includes sections on classic indigenous cultures of the period from 1 to1400 AD and the century before first sustained European contact (1400s). Prerequisite: NASD 110. (SS, NASD)

HIST 112 (3 CR)
POST-CONTACT NATIVE AMERICAN HISTORY
Continues the study of Indian History beginning with the era of European Invasions and expansion into Native lands. Focuses on the Twentieth Century with topics such as the Meriam Report, Indian New Deal, reorganization, termination, Native American resistance, and founding of notable and prominent Native organizations and programs. Prerequisite: HIST 111. (SS, NASD)

HIST 120 (5 CR)
INTRODUCTION TO NEZ PERCE HISTORY
History, culture and customs of the Nez Perce people before and after Euro-American contact. Identification and discussion of main themes, general timeline and specific tribal characteristics of the Nez Perce people as well as the role historians play in society. Prerequisite: ENGL 100 or permission of instructor. (SS, NASD)

HIST 188/288 (1-5 CR)
TOPICS IN HISTORY
Taught in a classroom setting. (TE)

HIST 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN HISTORY
Individualized learning contracts between a student and an instructor. (TE)

HIST 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN HISTORY
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

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Courses

HISTORY

HIST 215 (5 CR)
INDIANS IN THE 20TH CENTURY
Extended study of American Indians in the 20th century. Rigorous analysis of early-to-mid 20th century government policy paralleled by oral interviews with American Indian elders representing diverse geographic regions and tribal traditions. (SS, NASD)

HIST 216 (5 CR)
AMERICAN STUDIES
Examination of the peoples of the United States from the beginning of the colonial era to the present. Focuses on civics, economics, and geography within the historical context of an evolving country as well as the evolving indigenous nations' relationships within the United States in the areas of civics, economics and geography. (SS)

HOSPITALITY MANAGEMENT

HRCM 101 (5 CR)
INTRODUCTION TO HOSPITALITY MANAGEMENT
Introduces students to the broad world of hospitality and tourism and prepares them for managerial careers in these fields. Covers historical foundations of the hospitality industry, food and beverage operations, lodging operations, travel and tourism operations, casino operations, and business fundamentals. (NE)

HRCM 102 (5 CR)
INTRODUCTION TO THE GAMING INDUSTRY
Presents students with an overview of the complexities and growth of the casino gaming industry. Current day structure, trends, objectives, jurisdictions, and regulatory issues are introduced that provide the student with a complete understanding of the modern day casino industry. (NE)

HOSPITALITY MANAGEMENT

HRCM 110 (1 CR)
HOSPITALITY TRAINING
Covers expeditious procedures of serving the customer, successful ways to view the customer with respect in order to decrease the incidence of poor customer relations, cultural differences influencing interaction between customers and wait persons, and helpful suggestions to increase tips. (NE)

HRCM 111 (5 CR)
INTRODUCTION TO CASINO MANAGEMENT
Designed for students interested in a career in casino management or a career in general hospitality management. Students gain an overview of management skills required in casino operations, including planning, casino cage operations, soft count procedures, casino accounting, slot management, slot operations, surveillance, and management strategies. (NE)

HRCM 112 (5 CR)
CASINO CASH CAGE OPERATIONS
Stresses the functions and responsibilities of the casino cage in its role as custodian of the casino bankroll. Students interested in furthering a career within the accounting function of casino operations become familiar with the organization, supervision, and detailed operation of the cash cage. (NE)

HRCM 135 (5 CR)
SECURITY IN THE HOSPITALITY INDUSTRY
Introduces the day-to-day operations of casino security. Includes surveillance; use of video equipment; learning and maintaining key, crowd, access, and traffic controls; and the use of security forms, terminology, and report writing. (NE)

HRCM 136 (5 CR)
CASINO SECURITY
Structured to provide a technical foundation in security principles and procedures. Topics include: terminology, documentation formats, surveillance equipment and

HOSPITALITY MANAGEMENT

lab, patrol techniques, data collection & investigative techniques and defensive tactics, powers of arrest, interrogation, detainment, and search & seizure. (NE)

HRCM 150 (5 CR)
INTRODUCTION TO RESTAURANT MANAGEMENT
Designed for students interested in a career in restaurant management or a career in general hospitality management. Presents an overview of management skills required in restaurant operations, including menu development and pricing, beverage management, purchasing, employee staffing, and marketing. (NE)

HRCM 160 (5 CR)
INTRODUCTION TO HOTEL MANAGEMENT
Examines the fundamentals of hotel management or hospitality management benefits from all aspects of the hotel industry. (NE)

HRCM 188/288 (1-5 CR)
TOPICS IN HOSPITALITY MANAGEMENT
Taught in a classroom setting. (NE)

HRCM 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN HOSPITALITY MANAGEMENT
Individualized learning contracts between a student and an instructor. (NE)

HRCM 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN HOSPITALITY MANAGEMENT
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

HRCM 270 (3 CR)
BUILDING HUMAN CAPITAL
Explores the role, purpose and functions of Human Resources management in tribal gaming and hospitality operations with an emphasis on employee development and customer services. (NE)

CS – Communication Skills	NASD– Native American Studies	NS-Natural Science	QS-Quantitative Skills
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May include Indigenous Service Learning Component

Courses

HOSPITALITY MANAGEMENT

HRCM 275 (3 CR)
THE REGULATORY ENVIRONMENT
Provides an overview of the complex multi-layered regulatory environment unique to tribal gaming operations. Emphasis is on tribal sovereignty as the foundation of gaming strategies and the role of the federal government in regulation (Indian Gaming Regulatory Act) along with the development and implementation of tribal-state compacts. (NE)

HRCM 280 (3 CR)
CULTURAL DIVERSITY & MARKETING
Focus is on responsiveness to customer & market trends, long range planning and development for tribal casinos and related hospitality enterprises. Culturally and geographically specific approaches to marketing, services and reporting are emphasized. (NE)

HRCM 285 (3 CR)
LEADERSHIP & FINANCIAL MANAGEMENT
Explores essential leadership practice and theory as it applies to tribal for-profit gaming and hospitality operations. Also focuses on overall financial management skills such interpretation of financial statements, including profit and loss statements, cash flow, and audits. (NE)

HRCM 290 (3 CR)
BUILDING & PROTECTING GAMING ASSETS
Focus is on building and protecting gaming assets as the foundation of success of tribal gaming operations. (NE)

HRCM 295 (3 CR)
ORGANIZATIONAL DEVELOPMENT IN THE TRIBAL GAMING ENVIRONMENT
Examines organizational development theory and practice as a broad knowledge base from which to approach decision making and leadership. Specifically, students will explore tribal organizational practices and their applicability in gaming environments. (NE)

HUMAN DEVELOPMENT

HMDV 100 (1 CR)
CONQUERING MATH ANXIETY WORKSHOP
Designed to help students overcome fear of math. New understanding and confidence encouraged through reading and journal exercises. (NE)

HMDV 101 (1 CR)
RETURNING TO LEARNING
Designed for students who want to pursue a degree or certificate program but are not sure how to begin. Assists students in exploring ways to achieve their academic goals. (NE)

HMDV 102 (1 CR)
CONQUERING WRITING ANXIETY WORKSHOP
Designed to help students overcome fear of writing. New understanding and confidence encouraged through reading, discussion, audiotape and journal exercises. (NE)

HMDV 103 (3 CR)
TRANSFER SEMINAR
Intended for any student transferring to a four- year college or university. Students prepare applications for admission and for financial aid. Students explore specific program requirements. Visit colleges and universities to explore campus culture. (NE)

HMDV 110 (4 CR)
INTRODUCTION TO SUCCESSFUL LEARNING
Orientation class for new students. Designed to engender student success in and beyond college by fostering connection to cultural identity and the development of knowledge and skills in critical thinking, study methods, time management, computer literacy, and career and life planning. Required for all degree and certificate seeking students. Recommended to be taken in the first quarter. (NE)

HUMAN DEVELOPMENT

HMDV 112 (1 CR)
PEER MENTORING PROGRAM
A peer-mentoring program designed to train students to be effective peer advocates for new students. Training includes understanding advocacy, leadership, personal growth, and gained awareness of limitations through lecture, video, group discussion, role-playing, and literature. Equips peer mentors to advocate, support, and refer with faculty/staff guidance. (NE)

HMDV 114 (1 CR)
TUTOR TRAINING PROGRAM
Designed to train students to be effective group and peer tutors. Training will include lectures, discussions, video, and role-playing designed to help students acquire tutoring skills and understand the parameters of their roles as tutors. Includes applied tutorial experience. (NE)

HMDV 120 (1 CR)
EXPLORING CREDIT FOR PRIOR LEARNING
Student examines personal experiences in order to identify those that could equate to college level learning. S/U grading. NE)

HMDV 121 (1-22 CR)
CREDIT FOR LIFE EXPERIENCE
Student analyzes college level learning in personal experiences then equates it to NWIC classes. Knowledge must be documented and approved before credit is granted. Student registers for the number of credits equivalent for which PLE credit is requested. After expert approves credits, those courses replace HMDV 121 on the student's transcript and are designated as PLE credits. Prerequisites: HMDV 120 or permission of instructor. S/U grading. (NE)

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Courses

HUMAN DEVELOPMENT

HMDV 127 (3 CR)
CAREER/LIFE PLANNING
Exploration of life and career choices for Native Americans including assessment of interests, values, abilities, personality, skills and other career related issues. Includes career information resources, tribal employment, employment trends, labor market information and career decision-making. (NE)

HMDV 150 (3 CR)
INDIVIDUALIZED DEGREE OR CERTIFICATE PLANNING
Required for Individualized Degree or Certificate programs. With the help of an advisor and an expert in the field, the student creates a degree or certificate plan. Includes a clarification of career goals. S/U grading. (NE)

HMDV 177 (2 CR)
WORKPLACE ETHICS COMMUNICATION
Total professional imagery, telephone technique, communication and confidentiality. (NE)

HMDV 179 (1 CR)
RESUME WRITING
Covers basic skills needed to begin the job search process. Focuses on resume preparation, cover letter writing, making employer contacts, and networking to find unadvertised jobs. (NE)

HMDV 188/288 (1-5 CR)
TOPICS IN HUMAN DEVELOPMENT
Taught in a classroom setting. (NE)

HMDV 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN HUMAN DEVELOPMENT
Individualized learning contracts between a student and an instructor. (NE)

HUMAN DEVELOPMENT

HMDV 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN HUMAN DEVELOPMENT
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

HMDV 199 (1 CR)
IMPROVING INTERVIEWING SKILLS
Designed to familiarize the job seeker with basic questions and information requested by employers. Awareness of body language, appropriate interview attire, and other interviewing techniques addressed. Also practices role-playing of interviews. S/U grading. (NE)

HMDV 210 (3 CR)
SELF-IMAGERY: TACTICS FOR CHANGE
Assists in developing skills which can empower participants to optimize their possibilities for creative change, including crisis intervention, grieving, parenting, anger, holistic health, stress management, self-esteem enhancement, decision making, and effective coping. (NE)

HUMANITIES

HMTS 109 A-E (1 CR EA)
ENCOUNTERS IN HUMANITIES
Five major areas in the humanities studied: Literature, theater, philosophy, art, and music. A one credit introductory study in each area broadens humanities perspectives and enables students to pursue more in-depth studies. Prerequisite: ENGL 100. (HT)

HMTS 110 A-E (1 CR EA)
ENCOUNTERS IN HUMANITIES II
Five major areas in the Humanities covered: Poetry, film religion, art history, and world music. One credit, introductory study in each area will prepare the student for more in-depth study in one or more of these five areas. Prerequisite: ENGL 100. (HT)

HMTS 188/288 (1-5 CR)
TOPICS IN HUMANITIES
Taught in a classroom setting. (TE)

HUMANITIES

HMTS 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN HUMANITIES
Individualized learning contracts between a student and an instructor. (TE)

HMTS 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN HUMANITIES
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

HMTS 201 (3 CR)
ORAL INTERPRETATION OF LITERATURE: STORYTELLING
Focuses on basic theory and techniques of effective oral presentation of poetry, prose and dramatic text with specific emphasis on Native American writings. Student will analyze specific literary works and communicate understanding through performance. Prerequisites: ENGL 101. (HT, NASD)

HUMAN SERVICES

HUMS 107 (3 CR)
INTRODUCTION TO RE-EVALUATION COUNSELING
Introduces the fundamentals of re-evaluation counseling (co-counseling) and focuses on those aspects of the theory and practice that facilitate living in a diverse world. Students pair up to exchange co-counseling sessions between classes. Prerequisite: Permission of Instructor. (NE)

HUMS 108 (3 CR)
RE-EVALUATION COUNSELING THEORY & PRACTICE I
Focuses on further understanding of re-evaluation counseling theory as it applies to areas such as oppression, addictions, and leadership. Students expected to exchange co-counseling sessions between classes with another class member. (NE)

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Courses

HUMAN SERVICES

HUMS 109 (3 CR)
RE-EVALUATION COUNSELING THEORY & PRACTICE II
Focuses on further development of skills in re-evaluation counseling. Includes contradicting distress, counseling on internalized oppression, and assisting the clients in taking charge of their lives. Co-counseling sessions outside of class required. (NE)

HUMS 115 (3 CR)
INTRODUCTION TO GRANT WRITING
Basic elements of writing a grant and researching private, state and federal funding sources are covered. Students learn how to develop a concept into a complete proposal. (NE)

HUMS 120 (3 CR)
SURVEY OF CHEMICAL DEPENDENCY
Provides an understanding of addition as a primary disease along with theoretical models. An overview of the impacts alcohol and drugs have on society historically, and currently. Cultural differences with emphasis on Native American responses to this disease are provided. (NE

HUMS 130 (3 CR)
PHARMACOLOGY OF SUBSTANCES
Broad overview of the substances of abuse, the mechanism of action, tolerance, dependence, detoxification, and biological impacts. These topics include emotional, cognitive and behavioral adaptations for all of the substance classifications. Prerequisite: HUMS 120. (NE)

HUMS 135 (3 CR)
DOMESTIC VIOLENCE
Assists students in understanding the survivors of domestic violence. The focus relates to the significant other of the abuser but also addresses the healing process with children. (NE)

HUMAN SERVICES

HUMS 151 (3 CR)
DYNAMICS OF GRIEF
Explores loss and resultant grief. The knowledge of these issues in the therapeutic setting establishes continuation of recovery. (NE)

HUMS 156 (2 CR)
STRESS MANAGEMENT
Focuses on ways of coping with stressful factors in the work world and in the home environment. (NE)

HUMS 160 (3 CR)
CHEMICAL DEPENDENCY CASE MANAGEMENT
Designed to assist students in the ability to manage client caseloads through the understanding of the disease, continuum of care, diagnostic assessments, maintenance of client files, treatment planning, and aftercare follow-up. Prerequisite: HUMS 120. (NE)

HUMS 170 (3 CR)
CHEMICAL DEPENDENCY INDIVIDUAL COUNSELING
Presents special skills and knowledge of techniques required to be an effective Chemical Dependency counselor. Emphasis placed on methods of counselor's professional guidance and support in the client/patient effort to achieve and maintain fullest possible recovery from chemical dependency. Prerequisite: HUMS 120. (NE)

HUMS 180 (3 CR)
YOUTH CHEMICAL DEPENDENCY COUNSELING
Assists participants in understanding the effects of alcoholism and chemical dependency related problems on the adolescent including the issues of developmental skills, self-esteem, family systems, children of alcoholics, and impact of change. Explores ways to develop strategies to optimize possibilities for creative transition. Prerequisite: HUMS 170. (NE)

HUMAN SERVICES

HUMS 187 (1 CR)
AIRBORNE & BLOODBORNE PATHOGENS
Studies transmission of major infections spread by air or blood found more commonly in chemically dependent people. Includes HIV/AIDS brief interventions for the chemically dependent patient with focus on Native American communities and chemically dependent individuals. For students who are already, or training to become, certified chemical dependency counselors. (This course includes HIV/AIDS brief interventions for the chemically dependent patient. (NE, NASD)

HUMS 188/288 (1-5 CR)
TOPICS IN HUMAN SERVICES
Taught in a classroom setting. (NE)

HUMS 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN HUMAN SERVICES
Individualized learning contracts between a student and an instructor. (NE)

HUMS 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN HUMAN SERVICES
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

HUMS 208 (5 CR)
LAW AND ETHICS IN CHEMICAL DEPENDENCY
State and federal laws governing controlled substances and related statutes for the chemical dependency professional are covered, as are ethics for the helping professions, with special focus on ethical dilemmas unique to chemical dependency. Prerequisite: HUMS 170. (NE)

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Courses

HUMAN SERVICES

HUMS 210 (3 CR)
GROUP FACILITATION
Designed to assist students through a process of experiential learning that provides skill building activities in group dynamics resulting in new or strengthened group facultative skills that can be applied in sexual abuse counseling. Prerequisite: HUMS 170. (NE)

HUMS 220 (3 CR)
CRISIS INTERVENTION
Identification of primary areas of dysfunction contributing to the precipitation of personal and family crisis. (NE)

HUMS 222 (3 CR)
ETHICS AND CHEMICAL DEPENDENCY TREATMENT
Designed to provide students with a basic understanding of ethics in the chemical dependency treatment profession. (NE)

HUMS 223 (3 CR)
CHEMICAL DEPENDENCY ASSESSMENT & TREATMENT
Designed to provide students with a basic understanding of chemical dependency assessment and treatment. Prerequisite: HUMS 170. (NE)

HUMS 230 (3 CR)
CHEMICAL DEPENDENCY & THE FAMILY
Designed to assist students in understanding the effects of alcoholism and other chemical dependency related problems on the Native American family, including youth and family issues, co-dependence, children of alcoholics, adult children of alcoholics, developing support groups, and family focused prevention activities. Prerequisite: HUMS 170. (NE)

HUMS 231 (3 CR)
ADVANCED FAMILY SYSTEMS
Examines the family as a system, utilizing family systems theory approaches for recovery. Helps develop an understanding of the progression of systems and presents methods to initiate change within the family system. (NE)

HUMAN SERVICES

HUMS 240 (3 CR)
MULTICULTURAL COUNSELING
Issues of cultural diversity including serving people with disabilities and the implications for treatment. Also covers the relationships between agencies, staff and serving diverse client populations. Prerequisite: HUMS 170. (NE)

HUMS 241 (6 CR)
TRAINING OF TRAINERS FOR NATIVE AMERICAN COMMUNITIES
Designed to assist participants through a process of experiential learning that provides skill-building activities in developing, designing, facilitating and evaluating training processes resulting in new or strengthened skills, perspectives and knowledge that can be applied in a variety of training/teaching situations. (NE)

HUMS 242 (3 CR)
CHEMICAL DEPENDENCY INTERVENTION TECHNIQUES
Designed to assist participants to expand their skills in the area of chemical dependency intervention. (NE)

HUMS 251 (3 CR)
ANGER MANAGEMENT
Introduces students to a wide range of topics regarding anger and anger management such as anger within the family, alcohol/drug abuse and anger, breaking the cycle of anger, and appropriate communication of anger to others. (NE)

HUMS 252 (4 CR)
PARENTING AS PREVENTION I
The intensive program utilizes an interactive lecture format to train students in the processes of developing an effective Parenting as Prevention Program. Students are taught the training model, with an "I", "We", "You" process which allows the student to internalize the model as the first step before starting core group co-training as the second step and program facilitation as the third step. The model builds training group bonding and group strengths into a functional model for an effective team approach to providing prevention programs. (NE)

HUMAN SERVICES

HUMS 253 (4 CR)
PARENTING AS PREVENTION II
Continuation of HUMS 252. Includes both classroom and hands on activities. The classroom component has direct parenting materials, processes and information and a group process for sharing the results of the work they have done. The practical portion consists of meeting with their group plus completing assignments made during the initial session for projects in resources gathering, matrix building, personal outreach, and other program development, implementation, and facilitation components. (NE)

HUMS 255 (3 CR)
ANGER MANAGEMENT FOR COUNSELORS
Designed to give students a full range of anger issues, which they may incorporate into developing an anger management class. Information focuses on classroom techniques including the use of peer pressure and self-esteem. (NE)

HUMS 256 (2 CR)
POST TRAUMATIC STRESS DISORDER
Designed to help students recognize and assess posttraumatic stress disorder symptomatology and to understand its relationship to drug and alcoholic abuse and/or dependence. (NE)

HUMS 260 (3 CR)
DUAL DISORDERS/CHEMICAL DEPENDENCY & MENTAL ILLNESS
Designed to assist students in developing an adequate understanding and response to clients who have dual disorders, chemical dependency, and mental illness. (NE)

HUMS 275 (3 CR)
RELAPSE PREVENTION
Designed to assist students in understanding the recovery process, identify warning signs of relapse, and develop effective relapse prevention planning with the client. Prerequisite: HUMS 170. (NE)

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Courses

JOURNALISM

JOUR 101 (5 CR)
WRITING AND REPORTING FOR THE MEDIA
Covers basics of writing for publication in a newsletter, including how to gather and present news, the structure and style of a story, how to write features and conduct interviews, and the basics of desktop publishing, in terms of design and layout. (TE)

JOUR 111 (3 CR)
NEWSWRITING
Writing for news media focusing on accuracy, clarity, fairness and developing news judgment. Also covers interviewing skills for covering meetings and public talks as well as public relations work. Prerequisite: ENGL 101 or permission of instructor. (TE)

JOUR 112 (5 CR)
REPORTING
Focuses on gathering and writing materials for public events. Includes public affairs reporting, investigative techniques, applying public relations styles, journalistic ethics and developing news of health, work and cultural activities. (TE)



JOURNALISM

JOUR 113 (3 CR)
FEATURE WRITING
Covers descriptive writing including content, focus, form and use of dialogue. Also explores magazine markets for publishing possibilities. (TE)

JOUR 188/288 (1-5 CR)
TOPICS IN JOURNALISM
Taught in a classroom setting. (TE)

JOUR 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN JOURNALISM
Individualized learning contracts between a student and an instructor. (TE)

JOUR 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN JOURNALISM
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

JOUR 205 (3 CR)
MAGAZINE PRODUCTION
Collecting, selecting, reviewing and editing written and artistic material for the college campus-wide magazine. Review of literary and artistic theory and mechanics skills. Creative layout techniques, design and computer skills. (TE)

LEGAL STUDIES

LGST 101
INTRODUCTION TO LEGAL STUDIES I
Provides a broad overview of the most important issues involved in tribal legal studies including tribal government, constitutions and codes, treaties, tribal court system, and common law. (NE, NASD)

LGST 102
INTRODUCTION TO LEGAL STUDIES II
Continued introduction to legal studies providing a broad overview of important issues involved in tribal legal studies including tribal government, court systems and legal structure of tribal governments. Also includes an overview of specific areas of law applicable to tribes. Prerequisite: LGST 101. (NE, NASD)

LEGAL STUDIES

LGST 188/288 (1-5 CR)
TOPICS IN LEGAL STUDIES
Taught in a classroom setting. (NE)

LGST 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN LEGAL STUDIES
Individualized learning contracts between a student and an instructor. (NE)

LGST 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN LEGAL STUDIES
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

LINGUISTICS

LING 120 (3 CR)
PRACTICAL PHONETICS
Designed for teachers and learners of Coast Salish and other Native American languages of the Northwest. Focuses on the articulation and production of speech sounds, familiarizing students with the pronunciation of sounds that do not exist in the English language, and with their graphic representation throughout time. (HP, NASD)

LING 160 (5 CR)
STRUCTURE OF A NORTHWEST NATIVE LANGUAGE
Overview of the structure and documentation of a Northwest Native language. Includes sounds and sentence structure and comparing them to the structures of other Northwest Coast languages. Also includes an introduction to historical linguistics. (NE, NASD)

LING 180 (3 CR)
CURRICULUM DEVELOPMENT FOR LANGUAGE
Covers fundamentals of curriculum development including major approaches to language teaching, organizing principles, and development of thematic webs in planning curriculum. (NE)

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Courses

LINGUISTICS

LING 181 (3 CR)
TEACHING METHODS
Further identifies major approaches to language teaching and teaching techniques associated with them. Focuses on creating lesson plans by utilizing various teaching techniques. Prerequisite: LING 180. (NE)

LING 182 (3 CR)
CLASSROOM MANAGEMENT
Designed to prepare students in classroom management as First People's Language instructors. Includes how teachers physically structure classrooms; how to design lessons and present materials; and how to envision and assess the academic, social and emotional outcomes of students. Emphasis: Washington State Essential Academic Learning Requirements as a guideline in developing student outcomes assessment. Prerequisite: LING 181 or permission of instructor. (NE)

LING 188/288 (1-5 CR)
TOPICS IN LINGUISTICS
Taught in a classroom setting. (NE)

LING 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN LINGUISTICS
Individualized learning contracts between a student and an instructor. (NE)

LING 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN LINGUISTICS
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

LING 205 (3 CR)
LANGUAGE ACQUISITION THEORY
Investigates the basic theories of first and second language acquisition. Students expected to have a working knowledge of the data and argumentation for each major theory and be able to apply it to a language. (HT)

MATHEMATICS

MATH 070 (5 CR)
BASIC MATHEMATICS
Designed to give the student a review of basic arithmetic through organized workbook activities, closely monitored by instructors. Covers whole numbers, primes and multiples, fractions and mixed numbers, decimals, ratio and proportion, percent, measurement, and signed numbers. (N)

MATH 085 (3 CR)
PRE-ALGEBRA
Rigorous algebra preparatory course covering concepts such as absolute value, operations with signed numbers, orders of operations, inequality, fractions, mixed numbers, percents, exponents and scientific notation, properties of exponents, square roots, like terms, factoring, algebraic expressions and word problems. (N)

MATH 090 (3-5 CR)
CONSUMER MATHEMATICS
Consumer-oriented application of basic mathematics skills. Topics include buying and maintaining a car, banking and investing, paying taxes, budgeting money, shopping for food and clothes, and managing a household. (N)

MATH 098 (5 CR)
ELEMENTARY ALGEBRA
Review of arithmetic, order of operations, exponents, absolute values, linear equations and inequalities, monomials, polynomials, factoring polynomials, combining polynomials, and fractions of algebra. Prerequisite MATH 070 or Placement test. (N)

MATH 099 (5 CR)
INTERMEDIATE ALGEBRA
Operations with polynomials, factoring trinomials, solving linear and quadratic equations, graphing and the rectangular coordinate system, function notation, inequalities, systems of linear equations, rational expressions, radicals and complex numbers, completing the square and the quadratic formula. Prerequisite: MATH 098 or Placement test. (N)

MATHEMATICS

MATH 102 (5 CR)
COLLEGE ALGEBRA
Simplifying, multiplying, dividing, adding, subtracting, graphing, and solving rational expressions. Working with exponents, scientific notation, rational exponents, radicals, and complex numbers. Also, completing the square, the quadratic formula, and the discriminant. Prerequisite: MATH 099 or Placement test. (QS, NS)

MATH 103 (5 CR)
PRECALCULUS I
Covers data analysis, functions as mathematical models, linear functions and their graphs, quadratic functions and their graphs, cubic functions and their graphs, inverse functions and their graphs, exponential and logarithmic functions and their graphs. Prerequisite: MATH 102 or Placement test. (QS, NS)

MATH 105 (5 CR)
PRECALCULUS II
Covers data analysis, modeling, trigonometry, trigonometric functions and their inverses, vectors and limits. Prerequisite: MATH 103 or Placement test. (QS, NS)

MATH 107 (5 CR)
ELEMENTARY STATISTICS I
Explains concepts of samples, populations, descriptive versus inferential statistics, quantitative versus qualitative data, continuous versus discrete numerical data, mean, median, mode, range, and standard deviation. Emphasizes skill in constructing bar graphs, histograms, and using the binomial table and the normal curve to find probabilities of data occurrence. Prerequisite: MATH 099 or test above Intermediate Algebra. (QS, NS)

MATH 124 (5 CR)
CALCULUS & ANALYTIC GEOMETRY
Covers derivatives, computing derivatives, curve sketching, optimization, and problem solving. Prerequisite: MATH 105 or Placement test. (QS, NS)

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Courses

MATHEMATICS

MATH 125 (5 CR)
CALCULUS & ANALYTIC GEOMETRY II
Covers the definite integral, techniques of integration, area and volume, growth and decay, and introduction to differential equations. Prerequisite: MATH 124 or Placement test. (QS, NS)

MATH 126 (5 CR)
CALCULUS & ANALYTIC GEOMETRY III
Definite and indefinite integrals; the differentiation and integration of transcendental functions. Methods of interpolation. Prerequisite: MATH 125 or Placement test. (QS, NS)

MATH 151 (5 CR)
SURVEY OF MATHEMATICS
Integrated concept-based mathematics course that promotes quantitative literacy. College algebra concepts are taught contextually as the language and symbolism of mathematics. Real systems are modeled to develop topics chosen from logic, sets, counting methods, problem solving, statistics, and probability. Experiential activities consolidate core concepts within a collaborative learning environment. Prerequisite: MATH 099 or test above Intermediate Algebra. (QS, NS)

MATH 188/288 (1-5 CR)
TOPICS IN MATHEMATICS
Taught in a classroom setting. (TE)

MATH 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN MATHEMATICS
Individualized learning contracts between a student and an instructor. (TE)



MATHEMATICS

MATH 190 (5 CR)
VOCATIONAL MATH
Presents mathematical concepts useful in the everyday workplace including: fractions, ratios, percents, proportions, unit conversions, basic algebra and geometry. Emphasis on problem solving for applications in tribal business, construction and natural resource management settings. May be offered as MATH 190A (3 CR) and MATH 190B (2 CR). Prerequisite: MATH 070. (NE)

MATH 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN MATHEMATICS
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

MATH 207 (5 CR)
ELEMENTARY STATISTICS II
Rigorous study of inferential statistics including confidence intervals, hypothesis testing of one and two population means as well as population proportions, chi-square procedures, and methods of regression and correlation. Prerequisite: MATH 107. (QS, NS)

MATH 210 (5 CR)
BIOSTATISTICS
Focuses on the use of statistics in the life sciences, including experimental design, data collection and presentation, descriptive statistics, statistical tests, including one-and two- sample hypothesis testing, analysis of variance (ANOVA), correlation, regression, and chi-squared tests. Conditions of each test and use of statistics in scientific papers are examined. Prerequisites: MATH 102, MATH 107 & any college-level science course. (QS, NS)

MATH 281 (5 CR)
MATH FOR ELEMENTARY SCHOOL TEACHERS
Historical development of our number system: Critical thinking; sets; whole numbers; number theory; integers and fractions; rational and decimal numbers; real numbers; ratios and percent. Prerequisite: MATH 099 or test above Intermediate Algebra. (NS)

NATIVE AMERICAN STUDIES

NASD 101 (3 CR)
CONVERSATIONAL NATIVE AMERICAN LANGUAGE I
Fundamentals of speaking, reading, and writing a specific Native American language. Includes cultural studies. (HP, NASD)

NASD 102 (3 CR)
CONVERSATIONAL NATIVE AMERICAN LANGUAGE II
Continuation of NASD 101. Prerequisite NASD 101. (HP, NASD)

NASD 103 (3 CR)
CONVERSATIONAL NATIVE AMERICAN LANGUAGE III
Continuation of NASD 102. Prerequisite NASD 103. (HP, NASD)

NASD 105A-C (1 CR EA)
NWIC SEMINAR
Provides a framework for students and faculty to meet together on a regular basis to aid students in succeeding in their academic pursuits. S/U Grading. (NE, NASD)

NASD 108 (3-5 CR)
GENEALOGY I
Provides instruction for individualizing a family history chart using such research as self-knowledge, BIA documents, Lummi Tribal Archives documents, or other local agency documents. (TE, NASD)

NASD 109 (3-5 CR)
GENEALOGY II
Continuation of NASD 108. Additional detailed information added to family history chart. (TE, NASD)

NASD 110 (3 CR)
INTRODUCTION TO NATIVE AMERICAN STUDIES
Designed to present an indigenous perspective using a multidisciplinary scope to explore the contemporary and historical issues facing Native American peoples. (SS, NASD)

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May include Indigenous Service Learning Component

Courses

NATIVE AMERICAN STUDIES

NASD 115 (3 CR)
INDIAN SONG & DANCE I
Covers historical meaning and contemporary protocol of Indian song and dance. Forms a basis to understand basic meanings and to gain respect for the communities involved. Interested participants will begin to study and create regalia for community and exhibition dancing. (HP, NASD)

NASD 116 (3 CR)
INDIAN SONG & DANCE II
Continuation of Indian Song and Dance I. Prerequisite: NASD 115. (HP, NASD)

NASD 118 (3 CR)
NORTHWEST COAST INDIAN SONG & DANCE I
Designed to provide a means by which Indian people may enter or reenter the Indian culture of the Pacific Northwest through traditional Northwest Coast song and dance. In addition, this class is designed to provide another look at the environment through our ancestor's eyes through these ancient songs of celebration. (HP, NASD)

NASD 119 (3 CR)
NORTHWEST COAST INDIAN SONG & DANCE II
Designed for advanced students of Northwest Coast Indian Song and Dance. The purpose of this class is to prepare advanced students for their own public and/or solo performances and/or teach their own dance groups for the purpose of public performances. (HP, NASD)

NASD 125 (2-4 CR)
INTRODUCTION TO COAST SALISH BONE GAME TECHNIQUES
Covers history of the Coast Salish Bone Game and the basics of the Bone Game rules and techniques. (HP, NASD)

NASD 126 (3 CR)
BONE GAME DRUM & SONG
Students learn the dynamics of NW coast drumming and singing to accompany the Coast Salish bone games. Students will already be familiar with the basic rules and techniques of bone gaming. Prerequisite: NASD 125 or permission of instructor. (HP, NASD)

NATIVE AMERICAN STUDIES

NASD 131 (3 CR)
TRIBAL HISTORY I
Introduction to the history of the tribe and community where the course is taught, from the origin stories of the people and the development of that community's society through Allotment. Course is place specific and focuses on the specific historical events that influence the current status of that community. (SS, NASD)

NASD 132 (3 CR)
TRIBAL HISTORY II
Continuation of Tribal History I specific to the tribe and community where the course is taught, from Allotment to the present. Course is place specific and focuses on the specific historical events that influence the current status of that community. Prerequisite: NASD 131. (SS, NASD)

NASD 137 (3 CR)
REGALIA MAKING I
Design, identification and preparation of materials in making costumes for display and use in Indian Ceremonial song and dance. (HP, NASD)

NASD 138 (3 CR)
REGALIA MAKING II
Continuation of NASD 137. Prerequisite NASD 137. (HP, NASD)

NASD 188/288 (1-5 CR)
TOPICS IN NATIVE AMERICAN STUDIES
Taught in a classroom setting. (TE, NASD)

NASD 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN NATIVE AMERICAN STUDIES
Individualized learning contracts between a student and an instructor. (TE, NASD)

NASD 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN NATIVE AMERICAN STUDIES
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE, NASD)

NATIVE AMERICAN STUDIES

NASD 202 (3 CR)
THE NATIVE AMERICAN EXPERIENCE
The social and cultural evolution of the first peoples of the Americas. Focus on such aspects as education, self-determination, health issues and urbanization as they impact native indigenous populations. (SS, NASD)

NASD 203 (3 CR)
CONVERSATIONAL NATIVE AMERICAN LANGUAGE IV
Continuation of NASD 103. (HP, NASD)

NASD 204 (3 CR)
CONVERSATIONAL NATIVE AMERICAN LANGUAGE V
Continuation of NASD 203. Students and instructor speak advanced language. Students write sentences and short stories. Speech making is also a part of the class. (HP, NASD)

NASD 205 (3 CR)
CONVERSATIONAL NATIVE AMERICAN LANGUAGE VI
Continuation of NASD 204. Continues to build vocabulary, understand sentence structure. Practice speaking writing and listening skills. (HP, NASD)

NASD 208 (3 CR)
WRITING FAMILY HISTORY
Exposes students to writing a biography, autobiography, or memoir through researching both family and tribal history, as well as organizing their research, develop their writing and editing skills, and design a family history book. (TE, NASD)

NASD 240 (5 CR)
NATIVE AMERICAN WOMEN'S STUDIES
Examines female leadership roles in Native American communities for gaining insight into the lives of Native women leaders and how they define success and well being. Topics include education, music, art, literature, land rights, anthropology, medicine, science and traditional values. (HT, NASD)

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Courses

NESC 293A-C (1 CR EA)
NESC SEMINAR II
Integrative seminar for students pursuing the Native Environmental Science program of study. Students enroll in one credit per quarter. (TE, NASD)

NESC 301 (3 CR)
ECOLOGY OF THE FIRST PEOPLE
This course is a reflective journey focusing on oral traditions, indigenous technology, and ceremonies as examples of Coast Salish People's underlying philosophy of Native science. It seeks to inspire students to renew their own sense of connection to the land and to each other.

NESC 303 (3 CR)
NATIVE ENVIRONMENTAL SCIENCE INTERDISCIPLINARY SEMINAR
Introduction to self-designed interdisciplinary studies with emphasis on developing writing and individualized study skills. Seminar topics vary by instructor.

NESC 305 (5 CR)
NATIVE ENVIRONMENTAL SCIENCE CONCENTRATION SEMINAR
Designed to assist students develop and write an interdisciplinary self-designed concentration proposal, which is required for all students pursuing the interdisciplinary concentration option of the Bachelor of Science in Native Environmental Science program. The concentration proposal must be completed and filed at least three quarters before graduation. Prerequisite: NESC 303 or permission of instructor and NES Advisor.

NESC 310 (5 CR)
NATIVE SCIENCE
Study of the intimate relationship between Native people and the natural world. Emphasis on how Native people honor and respect the natural world, and on gaining an understanding and appreciation of indigenous knowledge. Prerequisites: BIOL 104 and PHIL 140.

NESC 315 (3 CR)
TRADITIONAL ECOLOGICAL KNOWLEDGE
Examines how tribes acquire and transmit traditional ecological knowledge across generations. Emphasis on the practices, beliefs and relationships inherent in TEK, and the sustainability of resources and the perpetuation of cultures in the Pacific Northwest. Prerequisites: BIOL 104 and PHIL 140.

NESC 340 (5 CR)
NATIVE VIEWS ON ANIMAL BEHAVIOR
Combines Native American traditional knowledge with Western science in a comparative study of thought processes, consciousness, beliefs, and rationality which result in individual non-human animal behavior. Topics include animal intelligence, emotion, behavior, and communication with emphasis on Indigenous cognitive ethology as a foundation for tribal wildlife research and management. Prerequisites: PHIL 140 pr NESC 310.

NESC 388 (1-5 CR)
TOPICS IN NATIVE ENVIRONMENTAL SCIENCE
Taught in a classroom setting.

NESC 389 (1-5 CR)
INDIVIDUALIZED STUDIES IN NATIVE ENVIRONMENTAL SCIENCE
Individualized learning contracts between a student and an instructor.

NESC 393A-C (1 CR EA)
NESC SEMINAR III
Integrative seminar for students pursuing the Native Environmental Science program of study. Students enroll in one credit per quarter.

NESC 397 (1-6 CR)
INTERNSHIP/PRACTICUM IN NATIVE ENVIRONMENTAL SCIENCE
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field.

NESC 410 (5 CR)
NATIVE ENVIRONMENTAL ETHICS
Study of the moral philosophy that is inherent in the traditional relationship between Native people and the natural world. Examines how the foundation of traditional tribal values influences land use and serves as the foundation for cultural and natural resource management.

NESC 445 (3 CR)
VINE DELORIA JR, NATIVE SEMINAR
Discusses ideas and influence of Vine Deloria, Jr. in the field of Native Science, including Deloria's critique of Western science, advocacy for Indigenous knowledge, and views on selected topics such as the Bering Strait Theory, the Pleistocene Over-Kill Hypothesis, the Kennewick Man controversy, and the Theory of Evolution. Prerequisite: NESC 310 or permission of instructor.

NESC 488 (1-5 CR)
TOPICS IN NATIVE ENVIRONMENTAL SCIENCE
Taught in a classroom setting.

NESC 489 (1-5 CR)
INDIVIDUALIZED STUDIES IN NATIVE ENVIRONMENTAL SCIENCE
Individualized learning contracts between a student and an instructor.

NESC 493A-C (1 CR EA)
NESC SEMINAR IV
Integrative seminar for students pursuing the Native Environmental Science program of study. Students enroll in one credit per quarter.

NESC 497 (1-6 CR)
INTERNSHIP/PRACTICUM IN NATIVE ENVIRONMENTAL SCIENCE
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field.

NESC 499A & B (5 CR each)
NATIVE ENVIRONMENTAL SCIENCE CAPSTONE PROJECT
The capstone may take many forms. NESC 499A, taken during the junior year, constitutes preparation of the culminating project. NESC 499B, taken during the senior year, constitutes completion of the project.

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Courses

OFFICE PROFESSIONS

OFPR 100 (2 CR)
BASIC KEYBOARDING
Covers keyboard mastery, correct keyboarding techniques, and speed and accuracy development; designed for the student who is not an office professions major. (NE)

OFPR 101 (3 CR)
KEYBOARDING AND FORMATTING I
Covers keyboard mastery; correct keyboarding techniques; speed and accuracy development and formatting of basic documents using word processing functions. (NE)

OFPR 141 (5 CR)
OFFICE PROCEDURES
Designed to acquaint students with current office practices. Includes human relations skills and terminology and techniques for a variety of office procedures. (NE)

OFPR 145 (3 CR)
RECORDS MANAGEMENT
Introduction to records management, including filing systems, equipment, and procedures terminology for various records management functions. (NE)

OFPR 188/288 (1-5 CR)
TOPICS IN OFFICE PROFESSIONS
Taught in a classroom setting. (NE)

OFPR 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN OFFICE PROFESSIONS
Individualized learning contracts between a student and an instructor. (NE)

OFPR 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN OFFICE PROFESSIONS
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

OFPR 201 (2 CR)
KEYBOARDING FOR SPEED & ACCURACY
A drill course designed specifically for developing a level of keyboarding skills necessary to meet employment requirements. Consists of drills and analysis to improve both speed and accuracy. Prerequisite: OFPR 101. (NE)

PHILOSOPHY

PHIL 101 (5 CR)
INTRODUCTION TO PHILOSOPHY
Covers basic questions of philosophy and their effects on thought processes and the ability to reason. Explores key philosophical figures from a variety of cultural backgrounds and traditions. Prerequisite: ENGL 100. (HT)

PHIL 120 (5 CR)
INTRODUCTION TO LOGIC
Basic principles of inductive and deductive logic. Covers methods by which theories and laws are applied. Prerequisite: MATH 099 or test above Intermediate Algebra. (QS)

PHIL 140 (5 CR)
PHILOSOPHIES OF THE NATURAL WORLD
Compares and contrasts the European and Native American perspectives on the environment and investigates the role of religion and spirituality. (HT, NASD)

PHIL 188/288 (1-5 CR)
TOPICS IN PHILOSOPHY
Taught in a classroom setting. (TE)

PHIL 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN PHILOSOPHY
Individualized learning contracts between a student and an instructor. (TE)

PHIL197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN PHILOSOPHY
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

PHIL 235 (5 CR)
SURVEY OF WORLD RELIGIONS
Introduction to Judaism, Christianity, Islam, Hinduism, Buddhism, and Taoism. Also study of religious life, including oral traditions and tribal people. Emphasis on cultural diversity represented by world religions. (HT)

PHYSICAL EDUCATION

PHED 107 (1-2 CR)
PHYSICAL CONDITIONING
A body conditioning program using aerobic training methods combined with weight training. Emphasis on developing an individual exercise routine to increase general endurance of the respiratory, circulatory, and muscular system. (TE)

PHED 109 (3 CR)
CHAIR AEROBICS
Students participate in an aerobics class using chairs. Participants develop their own exercise program with the assistance of the instructor. (TE)

PHED 112 (1 CR)
LACROSSE
Introduction to lacrosse, basic safety, skills, equipment, rules, regulations, and history. (TE)

PHED 115 (1 CR)
VOLLEYBALL
Techniques and basic skills, including rules, scoring, and strategy. (TE)

PHED 116 (1 CR)
INTERMEDIATE VOLLEYBALL
Continuation of beginning volleyball. Emphasis on improvement of skills and strategy through drills and games. (TE)

PHED 122 (2 CR)
CONTEMPORARY DANCE
Energy exercise class for those who want to learn how to dance and have an aerobics like workout. Includes latest dance steps with emphasis on hip-hop dancing. (TE)

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Courses

PHYSICAL EDUCATION

PHED 124 (1-2 CR)
BENCH STEP AEROBICS
Exercise program that involves stepping up and down from a platform to the accompaniment of music. Includes a wide variety of stepping patterns and upper body strength. Has high intensity and low impact balanced to complete workout for all ages and fitness levels. (TE)

PHED 125 (3 CR)
SOFTBALL
Designed for developing fundamental skill levels in hitting, throwing, base running, and catching. Team organization, team play, rules, and strategy included. (TE)

PHED 126 (2 CR)
STRETCH AND TONE
Combination of stretching and body movement performed to music. Designed for flexibility, coordination, and suppleness of the body musculature system. (TE)

PHED 127 (1-2 CR)
AEROBIC EXERCISE
Combination of strength, stretching, and aerobic exercises for total heart and body conditioning performed to music. (TE)

PHED 128 (1-2 CR)
LOW IMPACT AEROBICS
Exercise program that combines strength, stretching and body movement for total heart and body conditioning performed to music. Similar to aerobic exercise but designed to put less stress on joints and body musculature. (TE)

PHED 131 (2 CR)
ARCHERY
Covers archery skills and fundamentals, basic equipment and competition standards, safety, and bow hunting techniques. (TE)

PHED 137 (3-5 CR)
STRENGTH TRAINING I
Designed to give the student the theory behind beginning and implementing a safe strength and conditioning program. Each student develops a paper on one aspect of strength training safety. (TE)

PHYSICAL EDUCATION

PHED 138 (3-5 CR)
STRENGTH TRAINING II
For those interested in employing resistive exercise for improving health, strength, fitness, and appearance. Includes a personal exercise schedule and a study of the different phases of weight training, nutrition and diet, motivation, and safety. A special program for women is included. (TE)

PHED 140 (3 CR)
FUNDAMENTALS OF GOLF
Covers the fundamentals of golf swing, rules, and etiquette of the game and applying these principles through playing and recording individual scores. Focus is on proper grip and use of each club. (TE)

PHED 141 (3 CR)
INTERMEDIATE GOLF FUNDAMENTALS
Designed for participants who have some experience in playing golf or who have completed a basic introduction to golf. Review of the basic grip with special emphasis on alignment of the body. Full swing fundamentals and cures for common problems addressed with special emphasis on the short game. Includes strategy of golf play. Prerequisite: PHED 140. (TE)

PHED 142 (2-3 CR)
ADVANCED GOLF
Combines experience through play on a golf course with instruction by a professional. Includes comments on shot selection and technique, rules of the game, swing And technique, rules of the game, swing technique, etc. Team competition used to enhance individual performance with scores posted. Handicaps given for play in a league format. Prerequisite: PHED 141. (TE)

PHED 145 (5 CR)
INTRODUCTION TO INDIAN CANOE RACING
Comprises of a series of experiential activities around the central theme of traditional Indian war canoe racing. Physical conditioning is intensive in preparation for the competitive events. (TE, NASD)

PHYSICAL EDUCATION

PHED 151 (3 CR)
CANOE RACING
Co-educational course emphasizing physical conditioning, nutrition for athletic competition and canoe pulling techniques for racing in standard and 11-man "War Canoes". (TE, NASD)

PHED 157 (3 CR)
CROSS COUNTRY SKIING I
Covers cross country skills and fundamentals as well as basic equipment and competition standards. (TE)

PHED 158 (3 CR)
CROSS COUNTRY SKIING II
Continuation of Cross Country Skiing I. Prerequisite: PHED 157. (TE)

PHED 170 (1-2 CR)
PICKLEBALL I
Pickleball is played on a badminton court, using wiffle balls and oversized ping-pong paddles. Course is for beginners and covers the basic skills, techniques, etiquette, and rules of pickleball. (TE)

PHED 171 (1-2 CR)
PICKLEBALL II
Continuation of beginning pickleball with emphasis on singles and doubles game strategy, drills designed to improve basic skills, and experience in singles and doubles competition. Prerequisite: PHED 170. (TE)

PHED 172 (2 CR)
HORSEMANSHIP I
Covers basic horsemanship skills with an emphasis on safety, proper technique, appropriate equipment use, and becoming comfortable in controlling and cooperating with the horse. Includes familiarity with the place of the horse in regional native history from its introduction to the present day. (TE)

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Courses

PHYSICAL EDUCATION

PHED 174 (1-3 CR)
WALKING FOR FITNESS
Students develop a personal walking goal with the help of instructor. Reading assignments about nutrition, exercise and other fitness issues support the goal. Field experience includes experiential learning opportunities with a focus on developing and implementing an individual walking program. (TE)

PHED 175 (2 CR)
ADULT FITNESS FOR LIFE
Focuses upon developing a basic understanding of the components of holistic health patterning. Emphasis on nutrition, exercise physiology, muscular endurance, weight control, and life style factors, which promote good health. Students develop and maintain an individualized fitness program. (TE)

PHED 188/288 (1-5 CR)
TOPICS IN PHYSICAL EDUCATION
Taught in a classroom setting. (TE)

PHED 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN PHYSICAL EDUCATION
Individualized learning contracts between a student and an instructor. (TE)

PHED 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN PHYSICAL EDUCATION
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

PHED 215 (2 CR)
ADVANCED VOLLEYBALL
Covers basic skills, drills, game strategies, officiating, and coaching techniques. Prerequisite: PHED 115. (TE)

PHED 270 (2 CR)
ADVANCED PICKLEBALL
Covers coaching of basic skills, drills, game strategies, officiating, and coaching techniques. (TE)

PHYSICAL SCIENCE

PHYS 101 (5 CR)
GENERAL PHYSICS I
Introduction to mechanics, kinematics, dynamics, Newton's laws, energy, momentum, rotation, waves and sound. Recommended for students in science fields not requiring calculus-based physics. Includes lab. Prerequisite: MATH 099 or equivalent. (NSL)

PHYS 102 (5 CR)
GENERAL PHYSICS II
Continuing topics in physics including kinematics theory, heat and thermodynamics, principles of electricity and magnetism. Includes lab. Prerequisite: PHYS 101. (NSL)

PHYS 103 (5 CR)
GENERAL PHYSICS III
Continuing topics in physics including geometrical and wave optics, relativity, atomic and nuclear physics. Includes lab. Prerequisite: PHYS 102. (NSL)

PHYS 111 (5 CR)
FINDING THINGS OUT IN PHYSICS
Designed for students to learn, through hands-on inquiry, the nature of physical systems and how matter and energy work in the physical world. Students are helped to develop a positive attitude towards science while understanding what it means to learn scientific concepts. Lab included. (NSL)

PHYS 188/288 (1-5 CR)
TOPICS IN PHYSICAL SCIENCE
Taught in a classroom setting. (TE)

PHYS 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN PHYSICAL SCIENCE
Individualized learning contracts between a student and an instructor. (TE)

PHYS 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN PHYSICAL SCIENCE
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

POLITICAL SCIENCE

POLS 110 (3 CR)
LEADERSHIP AND GROUP PROCESS
Emphasis on the development of leadership skills through an introduction of human motivating factors and the qualities of effective leadership. Additionally, students develop an understanding of functional methods of group decision-making and behavior. Involves developing an understanding of parliamentary procedure for an effective group process. (NE)

POLS 112 (1-3 CR)
LEADERSHIP PLENTY: COMMUNITY BASED LEADERSHIP TRAINING
Designed to help communities establish new ways of thinking and new patterns of behavior by drawing upon the wealth of leadership potential that already exists among community residents. (NE)

POLS 115 (5 CR)
AMERICAN POLITICAL SYSTEM
Outlines the main structure and function of American government. Also deals with politics in theory and in practice emphasizing political concepts, protest and reform movement. (SS)



COURSES

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Courses

POLITICAL SCIENCE

POLS 118 (3 CR)
RIGHTS OF INDIAN TRIBES
Overview of United States Indian policy and its impact on the rights of Indian tribes and people. Problem of federal and state laws and the manner in which courts have interpreted the law examined. (SS, NASD)

POLS 119 (3 CR)
NATIVE AMERICAN FISHERIES TREATY RIGHTS
Examines the primary treaties between Native Americans and the United States, The Boldt I and II decisions, and the role of Native American tribes in international treaties between the United States and Canada. (SS, NASD)

POLS 125 (3 CR)
INDIVIDUAL RIGHTS JUSTICE SYSTEM
Designed to acquaint Indian community members with Federal, State and Tribal criminal justice systems and their individual rights within these systems. Also covers individual rights that are safeguarded by the US Constitution, Bill of Rights, and the US Supreme Court. (SS, NASD)

POLS 188/288 (1-5 CR)
TOPICS IN POLITICAL SCIENCE
Taught in a classroom setting. (TE)

POLS 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN POLITICAL SCIENCE
Individualized learning contracts between a student and an instructor. (TE)

POLS 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN POLITICAL SCIENCE
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

POLS 225 (5 CR)
HISTORY OF FEDERAL INDIAN POLICY
Covers the governmental policies that have shaped Indian law since 1532. Prerequisites: HIST 112, ENGL 101 or permission of instructor. (SS, NASD)

POLITICAL SCIENCE

POLS 240 (3 CR)
INDIAN POLICY & TRIBAL SELF-GOVERNANCE
Historical overview of United States Indian policy and its impact on Native American communities. State, federal, and tribal relationship examined as well as the effects of Indian self-determination and reservation economic development. Emphasis on Tribal Self-Governance. (SS, NASD)

POLS 319 (5 CR)
FROM THE BEGINNING OF TIME: NATIVE AMERICAN FISHING RIGHTS
Focus is on the cultural knowledge that became the foundation for the Boldt Decision.

POLS 388/488 (1-5 CR)
TOPICS IN POLITICAL SCIENCE
Taught in a classroom setting.

POLS 389/489 (1-5 CR)
INDIVIDUALIZED STUDIES IN POLITICAL SCIENCE
Individualized learning contracts between a student and an instructor.

POLS 397/497 (1-6 CR)
INTERNSHIP/PRACTICUM IN POLITICAL SCIENCE
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field.

PSYCHOLOGY

PSYC 101 (5 CR)
GENERAL PSYCHOLOGY
General overview of the scientific study of psychology. Includes following topics: human learning, personality formation, emotion, motivation, language and reasoning, developmental issues, the brain and nervous system, and intelligence. Prerequisite: ENGL 100 or above or equivalent. (SS)

PSYCHOLOGY

PSYC 188/288 (1-5 CR)
TOPICS IN PSYCHOLOGY
Taught in a classroom setting. (TE)

PSYC 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN PSYCHOLOGY
Individualized learning contracts between a student and an instructor. (TE)

PSYC 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN PSYCHOLOGY
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

PSYC 201 (5 CR)
DEVELOPMENTAL PSYCHOLOGY
In-depth study analyzing the direction and causes of physical social, emotional, moral and intellectual development through infancy, childhood, adolescence, young adulthood, middle age and old age. Special emphasis placed on cultural factors, relationship issues and personality formation. Prerequisite: PSYC 101 or permission of instructor. (SS)

PSYC 210 (5 CR)
CHILD DEVELOPMENT THEORY
Study of the theories and concepts in child development and specific concepts in physical, cognitive, social, language, and personality development. Overview of developmental delays frequently seen, with special education approaches to enhance learning. (SS)

PSYC 220 (5 CR)
ABNORMAL PSYCHOLOGY
Overview of multiple perspectives of psychological conditions commonly labeled in contemporary literature as abnormal. Includes antecedents, assessment, society, and therapeutic approaches. Prerequisites: ENGL 101 and PSYC 101. (SS)

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Courses

READING

READ 090 (4 CR)
COLLEGE READING I
Eleven weekly topics for improving reading technique and comprehension. Class time is supported by a reading software program, online interactive vocabulary work, and the daily paper. Includes extensive practice with dictionary, thesaurus, roots, prefixes, suffixes, signal words and identifying words through context. Placement based on assessment test. (N)

READ 091 (4 CR)
COLLEGE READING II
Develops thinking and reading skills essential for learning college content. Develops awareness of and provides practice with structures and processes central reading and writing. Each week focuses on a topic to improve reading as well as contextual work with academic vocabulary. Placement based on completion of READ 090 or placement test. (N)

SCIENCE

SCIE 101 A-E (1 CR EA)
ENCOUNTERS IN THE SCIENCES
Survey of physical and life sciences, integrating biology, chemistry, physics, geography and cosmology, threaded with scientific history. Lecture and experiential activities, including seminars and field trips, weaving core concepts into a tapestry of scientific understanding and literacy. Specific topics embrace student interests, cultural relevancy, and traditional knowledge. (NSL)

SCIE 188/288 (1-5 CR)
TOPICS IN SCIENCE
Taught in a classroom setting. (TE)

SCIE 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN SCIENCE
Individualized learning contracts between a student and an instructor. (TE)

SCIE 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN SCIENCE
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

SOCIOLOGY

SOCI 110 (5 CR)
INTRODUCTION TO SOCIOLOGY
Focuses on social relationships and society. Includes social research and the scientific theory behind it, social groups, social organizations, socialization, deviance and social control, social differentiation and stratification, minority groups, social institutions of various types, human ecology, and social change. Prerequisite: ENGL 100. (SS)

SOCI 188/288 (1-5 CR)
TOPICS IN SOCIOLOGY
Taught in a classroom setting. (TE)

SOCI 189/289 (1-5 CR)
INDIVIDUALIZED STUDIES IN SOCIOLOGY
Individualized learning contracts between a student and an instructor. (TE)

SOCI 197/297 (1-6 CR)
INTERNSHIP/PRACTICUM IN SOCIAL SCIENCE
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

TECHNOLOGY

TECH 151 (3 CR)
BLUEPRINT READING/BUILDING TRADES
Provides basic elements of print reading and print reading experience in residential construction. Discussion of conventional drafting, computer aided drafting, symbols and abbreviations, floor plans, elevation views, sectional views, detail views and plots. (NE)

TRIBAL MUSEUM STUDIES

TMSD 260 (5 CR)
TRIBAL MUSEUM COLLECTIONS MANAGEMENT
Lectures, readings, field trips and projects designed to prepare students for careers in tribal collections management. Focuses on practical issues including basics of artifact storage, preventive conservation, cataloging, accessioning/de-accessioning, loans, and related legal/ethical issues. Prerequisite: ENGL 101 or permission of instructor. (NE, NASD)

VOCATIONAL-CONSTRUCTION TRADES

VOCC 105 (1-10 CR)
CONSTRUCTION TRADES I
Introduction to occupational and work skills of the construction trades industry. Basic safety and methods of use are stressed. (NE)

VOCC 106 (1-10 CR)
CONSTRUCTION TRADES II
Continued construction trades industry occupational skills studies. Course will include field time and on-the-job experience for the student. Prerequisite: VOCC 105. (NE)

VOCC 107 (1-10 CR)
CONSTRUCTION TRADES III
Continued construction trades industry occupational skills studies, particularly framing and wall construction. Course will include field time and on-the-job experience for the student. Prerequisite: VOCC 106. (NE)

VOCC 188/288 (1-5 CR)
TOPICS IN CONSTRUCTION TRADES
Taught in a classroom setting. (NE)

VOCC 197/297 (1-5 CR)
INTERNSHIP/PRACTICUM IN CONSTRUCTION TRADES
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

VOCC 197/297 (1-5 CR)
INTERNSHIP/PRACTICUM IN CONSTRUCTION TRADES
Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

CS – Communication Skills	NASD– Native American Studies	NS-Natural Science	QS-Quantitative Skills
HT – Humanities Theory	NE-Non Transferable Elective	NSL-Natural Science Lab	SS-Social Science
HP – Humanities Performance	TE-Transferable Elective	N-Non-Applicable	

May include Indigenous Service Learning Component