

COURSE REVISION

Northwest Indian College Curriculum Committee

COURSE INFORMATION BEFORE PROPOSED CHANGE

Course Subject Code and Number: CMPS 260 Course Title: Capstone Project

Rationale: This course is a requirement for the ATA in Information Technology. The recent revision of that program requires that CMPS 260 be increased to 5 credits, which is in line with the actual amount of work expected for the course. It also rectifies a past error in the number of credits required for the program and the number of credits listed in the course description.

PROPOSED REVISIONS TO THE COURSE – FILL IN CHANGES ONLY

Course Title (60 character maximum): _____

Short title if proposed title is over 25 characters: _____

Credits: 5

Course Catalog Description (50 word maximum): _____

Prerequisites, if any: _____

Form of Grading: A-F S/U

Course Type: Lecture only Lab only Lecture and lab Phys. Ed. Internship/Practicum

Allow course to be taught in separate modules? Yes No

Indicate number of credits for each module:

A credits B credits C credits D credits E credits F credits

Designed to meet the following general education and related requirements:

(Basic Skills) (Distribution) (Other) (NWIC)
 CS QS HP HT SS NS NSL TE NE NASD

Designed to meet the following program requirements:

NWIC Requirements Program Core Requirements Electives

Name(s) of the program(s) if the course satisfies program core requirements: _____

For the following type(s) of program (check all that apply):

Program of Study: BA BS AAS AST AAS-T ATA Certificate

Other Program Type: Award of Completion Training Program

Add course to the published NWIC catalog? Yes No

Required attachments: (Templates for required attachments are available on the Curriculum Committee web site.)

Course Outcomes Form Course Syllabus

Gary Brandt

Proposed by (type name)

May 21, 2014

Date

APPROVAL SIGNATURES

Dean of Academics and Distance Learning – approved to present

Date

Curriculum Committee Chair – approved by Curriculum Committee

Date

Vice President for Instruction and Student Services – approved to implement

Date



Course Outcomes Form

Northwest Indian College

Follow the *Instructions for Completing the Course Outcomes Form*, which is available on the **NWIC Assessment Website** at <http://www.nwic.edu/assessment/course-outcomes>
 Please submit this form electronically to the chair of the Curriculum Committee

It is important to keep the following principles in mind when completing this form:

- Regardless of the mode of learning (i.e., face-to-face, Independent learning, ITV, online, etc.) or the location of a course, only one course outcomes form is to be created for each course.
- Regardless of the mode of learning or the location of a course, the **NWIC outcomes** and the **Course outcomes** must be the same for each course.
- The **Instructional activities** and the **Assessment/evaluation strategies** may differ depending on the mode of learning. Please indicate the **Instructional activities** and the **Assessment/evaluation strategies** that are different from the face-to-face class (e.g., “IL: Essay”).

Last date this form was updated or edited	May 22, 2014
Course Number (e.g., ENGL 101)	CMPS 260
Course Name (e.g., English Composition I)	Capstone Project
List all instructor(s) who participated in creating and approved these course outcomes (please consult with at least one other person)	Gary Brandt
List the main textbooks, readings or other resources used in this course (including title, year and publisher)	Depends upon project

A. NWIC outcomes: From the *List of NWIC Outcomes*, select the most important outcomes you assess in this course (at least one NWIC outcome must be chosen).

NWIC institutional outcome	Instructional Activities: How will students master this outcome? (e.g., solving problems, group activity)	Assessment/Evaluation Strategies: How will you measure this outcome? (e.g., student presentations, essays)
effectively communicate in diverse situations, from receiving to expressing information, both verbally and non-verbally	1. Choose a topic from a provided list 2. Submit a rough draft following the report guidelines 3. Submit a corrected final draft	1. Format follows guidelines 2. References cited properly 3. Spelling and grammar meet acceptable standards

B. Course outcomes: In order of priority, list the most important other learning outcomes for this course that you assess (a maximum of 8).

Other course outcomes: Complete the sentence – As a result of this course, students will be able to...	Instructional Activities: How will students master this outcome? (e.g., solving problems, group activity)	Assessment / Evaluation Strategies: How will you measure this outcome? (e.g., student presentations, essays)
Design a project	Interact with instructor, reading, hands on, Internet research	Present ideas to instructor
Create a project proposal	Interact with instructor, reading, hands on, Internet research	Student proposal submission
Create a rubric or checklist to monitor progress	Interact with instructor, reading, hands on	Rubric/checklist submission
Collect Data	Field work, class work, and/or project work.	Weekly reports
Analyze data s	Interact with instructor, reading, hands on	Weekly reports
Present paper	Interact with instructor, reading, hands on	Paper presentation
Present Project	Interact with instructor, reading, hands on	Project presentation

C. List the NWIC outcomes and course outcomes from above on your syllabus.

D. Assess the NWIC outcomes and course outcomes, which are listed above, in your classes.

Northwest Indian College, Lummi Campus

CPMS 260

Capstone Project

(5 credits)

Updated: 5/22/14

Instructor Information:

Instructor Name: Gary Brandt

Office Location: C-2

Office Hours: TBD

Telephone/Fax: 392-4318

Email: gbrandt@nwic.edu

Catalog Description: 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

Prerequisites for a capstone project

Before you can complete a capstone project, you must complete the courses that will give you the theoretical and practical skills-based knowledge necessary in order to formulate an idea for a capstone proposal. The Capstone project is typically accomplished during the winter quarter prior to graduation. That will leave you the spring quarter to finish up if the project isn't completed to the instructor's or your satisfaction.

Capstone Proposals

During the first two weeks of the quarter you will need to come up with a comprehensive proposal that will be reviewed by me, the instructor. This proposal contains an introduction, theories, hypotheses, scholarly literature review, research methods, proposal alternatives and any other issues relevant to the project proposal.

Each capstone requirement is unique to your program, so it is best that you continuously (twice a week at a minimum) consult with me to make sure your capstone proposal and work meet the necessary requirements.

Here are some things to help you be successful:

- Choose your topic wisely! With such an intensive project, if you don't love the subject at the start, you will surely hate it by the end. You might need to do some preliminary research to help you generate ideas, but don't

spend too much time on it and end up with a bunch of wasted research. Allow two weeks maximum. Read widely and actively. Use the Internet!

- Reread, underline, write down your thoughts and impressions in notebooks, and copy out quotations. Writing while you read is the best way to become an active reader.
- Create a plan! This will help you to organize your ideas and have an overall approach to complete your project.
- Create a rubric that serves as a check list to make certain that you have done what you want to do. A sample rubric is at the end of this syllabus.
- Be somewhat flexible. Sometimes time constraints, parts acquisition, etc. may force you to modify your project. The weekly report will help keep you on track and also to serve to notify me of any challenges.

Deliverables:

- Weekly progress report: Include what’s going well, what challenges you are facing, and your actual progress.
- Completed project.
- Project and Paper Presentation

Instructor: Gary L. Brandt, gbrandt@nwic.edu
Work: 360-392-4318

Advising Times: TWR, 2:00-5:00

Rubric for Project

Topic	<5 (A 90-100)	<4 (B) 80-89)	<3 (C) 70-79)	<2 (D 60-69)	<1 (F 0-59)	Score
PLANS AND IDEAS	Fresh and original. Expressed clearly. Technical tasks identified. Shows several ideas.	Some original ideas. Supporting details included. Has one alternative approach.	Few original ideas. Procedures presented. No indication of other ideas.	Plans not fully complete.	Incomplete plans.	
DESIGN	Attractive. Well balanced. Thorough detail given.	Design complete in most details. Limited detail given.	Design satisfactory. No detail.	Design not appropriate for function.	Design scanty.	
QUALITY OF WORK	Project overall quality is excellent. Workmanship in all areas is excellent. Project works first time. No defects	Projects overall quality are very good. Workmanship in all areas is good. Project works with no changes. No major defects.	Projects overall quality are average. Some items require rework to get a functional project. Project works after rework.	Projects overall quality are fair. Project has many repairs needed. Project could possibly be made to work.	Projects overall quality are poor. Unable to make-work.	
OPERATING PERFORMANCE	Performed very well. Surpassed expectations.	Performed task as required	Had to make adjustments or repairs to accomplish task	Construction complete. Did not perform per requirements.	Project was not completed.	

PROJECT TIMELINE	Completed under time allowed	Completed in allotted time	Completed late, but less than 10%	Completed late, 10- 25% later than allowed	Not completed or too late to consider	
-----------------------------	------------------------------------	-------------------------------	---	--	--	--

Outcomes

<i>NWIC institutional outcome</i>	<i>Instructional Activities: How will students master this outcome? (e.g., solving problems, group activity)</i>	<i>Assessment/Evaluation Strategies: How will you measure this outcome? (e.g., student presentations, essays)</i>
effectively communicate in diverse situations, from receiving to expressing information, both verbally and non-verbally	<ol style="list-style-type: none"> 1. Choose a topic from a provided list 2. Submit a rough draft following the report guidelines 3. Submit a corrected final draft 	<ol style="list-style-type: none"> 1. Format follows guidelines 2. References cited properly 3. Spelling and grammar meet acceptable standards

<i>Other course outcomes: Complete the sentence – As a result of this course, students will be able to...</i>	<i>Instructional Activities: How will students master this outcome? (e.g., solving problems, group activity)</i>	<i>Assessment / Evaluation Strategies: How will you measure this outcome? (e.g., student presentations, essays)</i>
Design a project	Interact with instructor, reading, hands on, Internet research	Present ideas to instructor
Create a project proposal	Interact with instructor, reading, hands on, Internet research	Student proposal submission
Create a rubric or checklist to monitor progress	Interact with instructor, reading, hands on	Rubric/checklist submission
Collect Data	Field work, class work, and/or project work.	Weekly reports
Analyze data s	Interact with instructor, reading, hands on	Weekly reports
Present paper	Interact with instructor, reading, hands on	Paper presentation
Present Project	Interact with instructor, reading, hands on	Project presentation