Course: BIOL 288, Traditional Plants (3 credits)—Section A
Meeting Details: Thursdays from 1:00-3:30 pm in NES 113 (Building 16)

Instructor Information:
- Instructor: Brian D. Compton, Ph.D.
- Office Location: Kwina Building #110
- Office Hours: As posted or by appointment
- Telephone: 360-392-4321
- Fax: 360-392-4333 (Include: "ATTN: Brian Compton, c/o NWIC Enrollment Services)
- Email: bcompton@nwic.edu
- Blog: http://blogs.nwic.edu/briansblog/

Course Description:
Preparation for participation in the Traditional Plant Competition of the American Indian Higher Education Consortium (AIHEC) Student Conference with primary focus on the rules, references and species indicated in the contest information. Also useful for students pursuing Native environmental science, botanical or ethnobotanical studies. Suggested prerequisite: ENVS 201.

Course Overview and Rationale:
This course will focus specifically on preparation for the AIHEC Traditional Plants Competition 2012 using the Traditional Plant Contest Information (American Indian Higher Education Consortium, 2012) which includes the associated 100 Plant List Spring 2012. However, it also will involve attention to botanical and ethnobotanical topics that may extend beyond competition considerations. It will build upon knowledge and skills obtained by students who have completed ENVS 201, Northwest Plants, and will provide opportunities for further exploration of botanical and ethnobotanical topics for students interested in the interrelationships between plants and people.

Required References for the AIHEC Traditional Plant Competition 2012:
**BIOL 288—Traditional Plants**


**Additional References:**


**Recommended Websites—Botany, Ethnobotany and Language References:**


**Recommended Websites—AIHEC Traditional Plant Competition 2012:**


**Course Policies:**

1. **Student Rights & Responsibilities**—These will be observed as described in the *Northwest Indian College Catalog* and in accordance with Northwest Indian College policies.

2. **Attendance & Participation**—Regular attendance and participation are essential to your success in this course. It is your responsibility to attend class meetings regularly and on time. *Necessary absences should be reported to your instructor and multiple unexcused absences may result in grade reductions that will prevent you from passing this course.*

3. **Assignments & Due Dates**—All assignments are to be submitted as indicated by the instructor and in supporting course materials. You must complete your work as indicated in class or you will not receive credit for that work. Unless otherwise instructed, please submit your work via email to Brian Compton at bcompton@nwic.edu. *I will not accept late assignments without prior approval.*

4. **Assessment & Grades**—The grades that I will report on the class grade roster at the end of the quarter may be determined through a combination of faculty and student self-assessment as detailed in this syllabus or described in class and course materials.

5. **Electronic Devices (e.g., cell phones and laptop computers)**—Please be sure to reserve cell phone and laptop use for outside of class unless they are being used with the instructor's approval and in direct support of your on-task course work.

6. **Email**—I will use your NWIC email address to communicate with you in this course, so you must access it to receive any messages that I send to you via that address.

**College and Course Outcomes:**

*NWIC Outcomes:*
As the result of this course students will be able to …

1. Use the Internet for research (computer skills).

**Course Outcomes:**
As the result of this course students will be able to …

1. Identify plants from the AIHEC Traditional Plant Competition 100 Plant List Spring 2012.
2. Identify one traditional use per plant for species in the 100 Plant List Spring 2012.
3. Identify the growth pattern (grasses and grasslike species, forbs or woody plants) for species in the 100 Plant List Spring 2012.
4. Identify the country of origin (including native or introduced status) for species in the 100 Plant List Spring 2012.
5. Identify the plant life span (annual, biennial or perennial) for species in the 100 Plant List Spring 2012.
6. Identify the season of growth (cool season \([C_3]\) or warm season \([C_4]\))\(^1\) for species in the 100 Plant List Spring 2012.

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\(^1\) Cool-season or \(C_3\) plants use the \(C_3\) photosynthetic processes, which optimize the conversion of atmospheric carbon dioxide to plant carbon at about 20°C. Warm-season or \(C_4\) plants use the \(C_4\) photosynthetic processes, which optimizes the conversion of atmospheric carbon dioxide to plant carbon at about 35°C. Retrieved from [http://www.colorado.edu/geography/virtdent/module/biosphere/glossary/glossary.html](http://www.colorado.edu/geography/virtdent/module/biosphere/glossary/glossary.html)
Outline/Schedule of Activities:

Week 1:
• Pre-test
• Introductions
• Course overview and syllabus
• Information for the AIHEC Traditional Plant Competition 2012

Week 2:
• Plant identification basics
• References and resources
• Language considerations
• Traditional uses of plants (ethnobotany)
• Growth patterns of plants (growth habit)
• Origins of plants (native status)
• Life span of plants (duration)
• Growth seasons of plants (cool [C3] or warm [C4])

Week 3:
• Review of species characteristics from 100 Plant List Spring 2012 and competition preparation

Week 4:
• Review of species characteristics from 100 Plant List Spring 2012 and competition preparation

Week 5:
• Review of species characteristics from 100 Plant List Spring 2012 and competition preparation

Week 6:
• Mid-term examination

Week 7:
• Review of species characteristics from 100 Plant List Spring 2012 and competition preparation

Week 8:
• Review of species characteristics from 100 Plant List Spring 2012 and competition preparation

Week 9:
• Review of species characteristics from 100 Plant List Spring 2012 and competition preparation

Week 10:
• Review of species characteristics from 100 Plant List Spring 2012 and competition preparation

Week 11:
• Final Examination
• Final self assessment

Assignments:
1. Pre-course examination on course outcomes (0% of final grade)
2. Mid-term Examination and/or Study Product(s) (e.g., PowerPoint for competition simulation or other materials to be developed through collaboration with instructor and classmates) (50% of total grade)
3. Quizzes and Final Examination (competition simulation) (50% of total grade)
4. Final Self Assessment (5% of extra credit)

Grading:
• Completion of less than 70% of the requirements generally will not result in a passing grade for this course.
• Completion of 70-79% of the requirements is required for a student to be eligible to earn a grade of C.
• Completion of 80-89% of the requirements is required for a student to be eligible to earn a grade of B.
• Completion of 90-100% of the requirements is required for a student to be eligible to earn a grade of A.

Please also note the following:
• Completion of an assignment does not ensure receipt of full credit for that assignment. I will assess your work for its appropriateness, completeness, quality and relationship to one or more assessment rubrics. All work should be completed by the final class meeting or—with permission of the instructor—by noon of the last day of the quarter.
• Grade qualifiers ("−" or "+"") may accompany your final grade depending upon various factors to be determined by your instructor with respect to the quality and promptness of your efforts.
• A grade of "Incomplete" is available only in accordance with details as presented in the Northwest Indian College Catalog.
• Grades of "D" and "F" are possible for unsatisfactory or failing performance such as not fulfilling the requirements for C level assignments or failing to submit them when they are due. Except in rare special circumstances, if you have not submitted all your assignments on the established due dates, and within the quarter in which you enrolled in this class, then the highest grade you will be eligible for in the course is a C level grade, and you may receive a lower grade as a result of chronically late assignment submissions or for otherwise not meeting the expectations of the assignments at an appropriate level of academic accomplishment. If you do not clearly understand this grading policy, or if you have questions regarding it, please consult your instructor. For other details regarding grades that are available to you, please consult with Enrollment Services.
• Please feel free to inform me of any special considerations that may impact your ability to successfully complete this course.