University of Alaska Fairbanks Summer Sessions
Syllabus and Course Outline

Course Number: NONC F040 (a non-credit workshop)

Course Title: Fly Fishing Weekend

Pre-requisites: None

Location: Room 344, Duckering Building, UAF Campus

Description:
This course introduces students to the art and science of Alaskan fly fishing. Fly fishing is both a meditative and a scientific pursuit. From the end of a line, participants will study the interplay of water hydraulics, stream ecology, entomology, and their combined effects on fish habitat, angling tactics and fly fishing techniques.

Course Objective(s):
Students will learn how use a fly rod to place a fly with pinpoint accuracy, tie fishing knots and construct their own leaders, and most importantly, learn where fish live in order to best to catch (and release) them. Also, students will gain the necessary knowledge to make educated fly tackle selections. Scientific information on Alaskan freshwater fish, habitat, entomology, and stream ecology will be covered in the context of selecting wet flies, nymphs, streamers, dry flies, and practical fishing advice. This hands-on course uses fly-fishing as a medium to present basic limnological concepts.

Instructional Methods:
Roughly one-third lecture and two-thirds hands-on laboratory and field exercises.

Preliminary Class schedule – subject to change:

<table>
<thead>
<tr>
<th>Date</th>
<th>Lecture</th>
<th>Laboratory/Field Activity</th>
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<tbody>
<tr>
<td>6/7/14 (morning)</td>
<td>Introduction, All about Alaskan fish (and others) and what they eat. Fly fishing tackle simplified.</td>
<td>Fly-fishing Knots Kinesthetic Physics of Fly Casting (overhead)</td>
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<tr>
<td>6/7/14 (afternoon)</td>
<td>All about artificial fishing flies</td>
<td>Kinesthetic Physics of Fly Casting (roll)</td>
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<tr>
<td>6/8/14 (morning)</td>
<td>Where to find fish in moving and still waters.</td>
<td>Fly fishing tactics – Wet fly swing Location TBD</td>
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<tr>
<td>6/8/14 (afternoon)</td>
<td></td>
<td>Dry fly casting on water, dry fly fishing on moving water nymph fishing. Location TBD</td>
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Course Goals:
The instructional goals for students upon successful completion of this course include:

1) Understanding of Interior Alaska freshwater limnology, and entomology, and correlating how they both relate to fly-fishing;
2) Identifying safety risks and hazards associated with fly fishing;
3) Making informed fly tackle purchases;
4) Assembling fly fishing gear, tying appropriate knots to connect pieces of fly tackle, and building fly-fishing leaders;
5) Learning fly cast accurately to 30 feet;
6) Viewing a body of fresh water and be able to identify the most likely areas where fish live, feed and rest;
7) Critically selecting appropriate fishing flies for various angling situations;
8) Understanding the proper fish cleaning and preservation techniques as to reduce the waste of harvested fish;
9) Practicing safe, ethical and responsible fly fishing;
10) Understanding the behavior of Alaska freshwater sport fish; and,
11) Hooking a fish on a fly.

Special Information:

1) To engage in actual fishing students shall provide their own current State of Alaska sport fishing license. Otherwise students without licenses must use a hook-less fly. Students must also provide their own eye protection. Note: Out-of-state visitors may purchase a three-day Non-Resident Alaska Fishing License.

2) Students must provide their own transportation to the laboratory/field exercises (unless otherwise arranged). Laboratory/field exercises may be held during inclement weather. Students must provide their own appropriate field clothing, boots/waders and raingear.

3) Fly rods, reels lines, flies and some angling accessories will be provided for participant use during the workshop. Students must return all borrowed equipment.

About the Instructor: Shann Paul Jones is Instructor of Leisure & Sporting Activities at the University of Alaska Fairbanks (UAF) where, he’s offered over 100 post-secondary level outdoor education/recreation clinics, workshops, classes and community outreach events throughout Alaska since 2002. He also holds the position of Instructor of Outdoor Skills and Leadership with Prince William Sound Community College. Jones’ current research involves outdoor recreation program development and delivery to people with developmental disabilities.