**Fish Identification**

Label the following diagram.



Explain the difference between the following classes of fish and give examples of each.

Salmonids –

Perchids –

Esocids –

Create a list of game fish in Alberta that don’t fall into the three above classifications.

Create a list of fish that are primarily caught in moving water. What is similar between these fish?

Create a list of fish that are primarily caught in water bodies (lakes). What is different between these fish and those usually caught in moving water?

What fish are commonly stocked in bodies of water? Why are these ones successful in being transplanted?

When is the fishing season in Alberta? Are there exceptions? What determines the angling season?

What is hard water angling?

**Fishing Techniques**

Define the following terms:

Tackle –

Terminal Tackle –

Bait –

Angling -

Commercial fishing –

Sport fishing –

Put-and-take fishery –

Catch and Release –

Action –

Drag –

Limit –

Casting –

Fly fishing-

Spin-casting –

Bait-casting –

Trolling -

Ice Fishing –

Jigging –

Plug –

Spoon –

Spinner –

PFD –

Strike –

Slot limit –

***Fly Fishing***

What species of fish are most fly fishers after? Why does fly fishing suit those fish? What other fish are sometimes targeted by fly fishers?

How does fly fishing differ from other forms of fishing?

What specialized equipment is used in fly fishing that isn’t usually found in other forms of fishing?

***Casting***

Bait and spin are two forms of casting. What makes them different?

What is the difference between an open faced and closed faced spinning reel? Who is more likely to use a closed face reel?

What makes casting line different from fly fishing line?

How is casting tackle different from fly fishing or trolling tackle?

***Trolling***

What is the major difference between casting and trolling? What piece of equipment separates the two?

***Ice Fishing***

Why does ice fishing have such a great following? What does it enable anyone to do that many people can’t do the rest of the year?

What personal protective gear do you need for ice fishing that you don’t need in the other forms of fishing?

What specialized equipment do you need for ice fishing that can’t be used in other forms of fishing?

***Management***

What are two main methods of managing fish populations?

What are the three main categories of fisheries in Alberta? How do they differ?

Why is it illegal to sell fish that was caught while sport angling?

Why are there regulations about fishing near weirs, canals or fish ladder?

Why are there regulations dealing with live bait? What hazards do live bait present?

What is a gaff? Why are they illegal?

Who needs a license to fish in Alberta?

Can you use the same license for fishing in provincial park? National parks?

Why do derbies and tournaments need special licenses if there are more than 25 competitors, but not if there are fewer?

Why can’t you ice fish in a beaver pond?

Can you catch crayfish in Alberta? How? Why would you?

How many hooks can you have on a line at once?

What is snagging? Can you keep a snagged fish? What if it is badly hurt or bleeding?

There are three specific requirements for packing and transporting fish, dealing specifically with the processing and packaging. What are the three requirements?

Chumming is the throwing of bait in the water without a hook in order to attract fish. Is chumming legal in Alberta?

If you are transporting fish caught by someone else, what information do you need?

Can you use parts of legally caught game fish for bait? Are there any instances where it is illegal?

**Assignments: These are the main assignments for this module. They are to be worked on during computer lab time, unless other tasks are assigned.**

“Game Fish Comparison” Assignment - Make a chart of 6 species of ***game fish found in Alberta***; compare physiology, habitat, angling methods, limits and special regulations that may apply for that species. (worksheet, template)**WLD1080**

“Be the Expert” Assignment – Create an information sheet for one species of Alberta game fish. This sheet needs to include: physiology, diet, habitat, habits, angling restrictions and a picture of the fish. The back side of the sheet needs to include the bibliography and source of the picture **WLD1080**

“Book’em, 5-O” – Classify all of the fishing regulations as either regulations pertaining to:
Protecting Sport Fish, Protecting the Environment, Protecting the Rights of Sportsmen. Determine which violations have the most severe financial and punitive penalties and determine why. **WLD2080**

“Fishing for Dummies” Assignment - Create a comparison chart for the following fishing techniques: fly fishing, trolling, shore fishing (casting), ice fishing. Describe the gear, tackle, techniques, bait, species commonly targeted, advantages, and drawbacks. (template)**WLD1080**

“Take Me Fishing” Assignment - Research and design an equipment list for one type of open water angling (spin cast, bait cast, fly fishing, trolling) ***and*** for hard water angling (ice fishing). Include all safety equipment and list any special considerations with each type of fishing. This will be in the form of a list of equipment divided into gear, tackle, safety equipment and additional equipment, and a short paragraph outlining the precautions and special considerations which must be taken when participating in this type of fishing. **WLD1080**

“Fishing for Complements” Assignment - Participate in fishing activity, whether hard and/or open water angling. Record your observations about the event, the weather, techniques, equipment/tackle/bait used, successes/failures. Write a brief reflection (one or two paragraphs) about your fishing experience. **WLD1080/2080**

“You Knotty, Knotty Child” Assignment – Demonstrate two fishing knots for your instructor. You need to know what the knot’s name is and where it is used. It can be done using rope, string, or fishing line and you could tie to a fish hook, paper clip or whatever you wish. This can be done during any working class period. **WLD1080/2080**