What you'll learn:

1) History of

- Sea Kayak Touring
- Sea kayak guiding
- Certification in sea kayaking

2) Leadership. The lessons will focus on

- Expectations and responsibilities of guides
- Leadership and followership
- Decision making and problem solving
- Situational leadership
- General styles of leadership
- Stages of group development
- Conflict resolution
- A leader's toolbox of skills
- Expedition behavior
- Group management
- Risk management
- Legal liability and the outdoor leader

3) Conservation Ethics. The lessons will focus on

- Broken window theory
- SKGABC low impact activity guidelines
- Dealing with waste and garbage

4) Dealing with food and water. The lessons will focus on

- Different ways to treat water with their advantages and disadvantages.
- Strategies to deal with food preparation before and during your trip.

5) Tarpology 101. The lessons will focus on

- Securing your tarp
- Tarp site and selection
- Strategies for storm-proofing a tarp
- Which tarp should I buy?
- Basic configuration for setting up a tarp

6) Communication. The lessons will focus on

- One-way communication like flares and whistles.
- Two-way communication like VHF radio and satellite phone.

7) Logistics. The lessons will focus on

- Trip planning
- Pre-launch checklist
- Guides check-in
- The water talk
- Follow up
- Incident and accident reports
- Leader logbooks
- Incident response planning

8) Sea Kayak Guides Alliance of British Columbia (SKGABC). The lessons will focus on

- Guide requirements
- SKGABC safety standards
- Pre-trip talk for day and overnight trips

9) How to read and use a marine chart. The lessons will focus on

1. The difference between charts and maps
2. Topographic map symbols
3. Chart projections
4. Latitude and longitude
5. Scale
6. Measuring distance
7. Reporting your position
8. Marine chart symbols
9. Depths and depth contours
10. Heights and height contours
11. The intertidal zone
12. Hazard symbols
13. Special areas and boundaries
14. Aids to navigation

10) Practical navigation techniques. The lesson will focus on

1. Basic piloting
2. Effect of wind on speed
3. Checkpoints
4. Handrailing
5. Backstops
6. Aiming off
7. Range and line of position
8. The narrative of navigation
9. The circles of possibility

11) Advanced practical navigation techniques. The lessons will focus on

1. Vectors and calculating the effects of currents on speed
2. Rule of 60 and the small angle rule
3. Tools for judging distances

12) Collision Regulations. The lessons will focus on

1. The 3R's for avoiding a collision
2. Navigation Lights
3. Canadian collision regulations
4. Vessel Traffic Services
5. Ships whistles and horns

13) Navigating with a compass and electronic navigation. The lessons will focus on

1. The marine compass
2. The orienteering compass
3. True, grid and magnetic north
4. The variation, declination and deviation
5. The magnetic dip
6. Bearing, heading and course
7. How to use the compass
8. Bisects and triangulation
9. Dead reckoning with a compass
10. Navigation tips to be efficient
11. Tactics in low visibility, especially in fog or at night
12. Electronic Navigation

14) A better understanding of the how swell and waves are formed and how they affect watercraft. The lessons will focus on

- The Beaufort Scale
- Rebounding waves
- Refracting and diffracting waves
- Boomers
- Clapotis
- Storm Surge
- Seiche Waves
- Tsunami
- Surf

15) A better understanding of how to paddle in the ice. More specifically, you will learn

- The different types of ice
- The hazards caused by icebergs and glaciers

16) A better understanding of tides and currents, their origin and how they impact watercraft. The lessons will focus on

- Variables affecting the tides
- Types of currents
- Surface features of a current
- Paddling in currents
- Where to get information about tides and currents
- Calculating tide heights and times
- Rule of 12ths
- Rule of 50/90
- Doug and Mike's most excellent rule of 25%
- Calculating current speed, direction and times with maximum rates
- Calculating current speed, direction and times with percentage rates
- Calculating current speed, direction and times with interpolation
- Rule of Thirds
- Slack Water Rule

17) A better understanding of the how weather systems are formed and affect you. The lessons will focus on

- Barometric pressure
- Clouds
- Cells
- Jet streams
- Air masses
- High pressure systems
- Low pressure systems
- Frontal systems
- Precipitation
- Wind speed
- Wind direction
- Coriolis effect
- Buys ballot and the cross winds rule
- Gap winds
- Corner winds
- Lee effects
- Fog
- Sea breezes and land breezes
- Katabatic and anabatic winds
- Waterspouts
- Thunderstorms and lightning
- Regional patterns across Canada

18) You'll develop skills and knowledge how to record and interpret marine weather. The lessons will focus on

- Developing competency in recording the marine weather forecast on the VHF radio
- Understanding the different type of information broadcasted
- Learning essential tips
- Developing a shorthand
- Reading synoptic weather charts
- Great resources for interpreting weather
- How to make predictions and decisions

19) And much more...