

Outdoor Adventure Diploma

Gear List

Late Summer/Fall-Based Activities

*indicates provided by College for use during program time

Category	Item
Personal Organization	Wristwatch
Clothing and Layering	Base Layers: Lightweight moisture-wicking long-sleeve shirts, long pants, sports bras, moisture-wicking underwear
	Insulating Layers: Midweight fleece jacket or pullover
	Outer Layers: Waterproof breathable jacket and pants, softshell jacket (optional)
Footwear	Hiking Boots: Waterproof mid-height hiking boots
	Trail Runners: Lightweight trail running shoes
	Camp Shoes: Lightweight comfortable shoes or sandals
Headwear and Eyewear	Hats: Wide-brimmed hat, fleece/wool hat
	Eyewear: Sunglasses with UV protection
Handwear	Gloves: Lightweight liner gloves, midweight gloves
Backpacks	Daypack: 25-35 liter daypack
Shelter and Sleeping	Tent: 3-season tent, 1 to 2 person
	Sleeping Bag: 3-season sleeping bag (rated to 20°F/-6°C)
	Sleeping Pad: air or foam sleeping pad
	Bivy Sack/Emergency Shelter: Lightweight bivy sack (optional)
Cooking and Hydration	* Stove: Lightweight backpacking stove
	* Cookware: Lightweight pot set, fuel for stove
	Water Filtration: Water filter/purification system, collapsible water bottles/hydration reservoir
	* Bear Canister: For food storage in bear country
Navigation and Safety	Navigation Tools: Compass with baseplate and sighting mirror
	Safety Gear: First aid kit, headlamp, whistle, emergency fire starter (lighter), repair kit
Climbing Gear	* Rock Climbing: Climbing harness, helmet, belay device, locking carabiners, climbing rope, quickdraws
	Rock Climbing Shoes: optional
Paddle sports	* Safety Gear: PFD (Personal Flotation Device), whitewater helmet, throw bag
	Paddle Footwear: running shoes, river booties/sandals (ideally covered toe)
	* Watercraft: Whitewater kayak, sea kayak, raft, canoe, paddle (personal or program-provided)

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Personal Organization	Wristwatch
	Dry suit/Wetsuit: Pro Deal available for Dry suit. *Wetsuit provided if requested
	Safety Gear: Rescue knife, whistle(s)
Miscellaneous	Trekking Poles: Adjustable trekking poles (optional)
	Personal Items: Hygiene items, sunscreen, insect repellent, journal, multi-tool, camp towel, trash bags, personal medication
	Outdoor Classroom Supplies: Write-In-The-Rain waterproof notebook, pencil, phone/camera for recording specific lessons.

Winter/Spring-Based Activities

Category	Item
Clothing and Layering	Winter Layers: Heavyweight fleece jacket, insulated gloves and liners, wool/synthetic hat, balaclava/neck gaiter, insulated mittens, wool/synthetic socks, insulated winter boots, gaiters
	Insulating Layers: Down/synthetic insulated jacket, insulated pants (optional)
Footwear	*Ice Climbing Footwear: Mountaineering boots, crampons
	Winter Footwear: Winter boot or full leather hiker, Camp booties
Headwear and Eyewear	Eyewear: Ski goggles
	*Helmets: Climbing helmet and Ski/Snowboard Helmet
Handwear	Gloves: Waterproof gloves, insulated gloves or mittens
Backpacks	Backpacking Pack: 65-85 liter backpack
Shelter and Sleeping	Tent: 3 season, 1 to 2 person
	Sleeping Bag: Winter sleeping bag (rated to -0F/-18°C)
	Sleeping Pad: Closed-cell foam pad and/or insulated air pad (>R4)
Cooking and Hydration	*Stove: Winter stove
Navigation and Safety	*Safety Gear: Avalanche transceiver, probe, shovel
Climbing Gear	*Ice Climbing: Ice axes, crampons, ice screws, mountaineering harness
Alpine Skiing and Snowboard Gear	*Skis/Snowboard: Alpine skis or snowboard, poles
	*Boots: Ski or snowboard boots
Nordic Skiing Gear	*Skis/Poles/Boots
	*Helmet: Ski or snowboard helmet
Miscellaneous	Outerwear: Waterproof and insulated ski/snowboard jacket and pants

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Optional Items	Personal Items: Hygiene items, sunscreen, insect repellent, journal, multi-tool, camp towel, trash bags, personal medication
	Outdoor Classroom Supplies: Write-In-The-Rain waterproof notebook, pencil, phone/camera for recording specific lessons.

See below for recommended Gear for Fall Camp and Semester 1.

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Recommended Gear List for Fall Camp/Program Start

Camp Clothes (dry gear):

- X1 Hardshell waterproof/windproof system (jacket and pants)
- X1 Long underwear (synthetic or wool) tops and bottoms, 2 sets
- X1 Wool or fleece lightweight toque and light gloves
- X1 Insulating layers: warm fleece pants and sweater or lightly insulated jacket (synthetic/down fill)
- Sun hat/ball cap
- Covered toe footwear, camp slippers.
- X2 socks
- Comfortable clothing (two sets of clothes)
- Towel

River Clothes (wet gear):

- Wet suit provided by Wilderness Tours, nylon 'quick dry' shorts (+ one-piece swimsuit for women)
- Sports bra for women
- River footwear: secure to foot, preferably covered toe (can wear socks inside for warmth)
- Sunglasses with head strap (Chums, croakies or string)
- X1 lightweight synthetic layer (top/bottom) if you get cold easily.

Sleeping:

- Three season tent (max. 3 person size). *If you need to borrow one, please notify Cameron today!*
- Sleeping bag for fall season (3 season) use style (-10C rating)
- Sleeping pad "foamy" and/or Thermo-rest, self-inflating (sleep pads add warmth and comfort)

In the field:

- Daypack 30-45 liter capacity, (mid-sized backpack for day hikes and carrying around course gear/books)
- X1 Water bottle - wide mouth, steel/plastic, unbreakable (bring juice crystals if you dislike plain water)
- Headlamp and batteries
- Personal first aid kit: band aids, swabs, Polysporin, personal medication(s)
- Sunscreen and bug repellent
- Sunglasses and retainer/string (croakies or chums)
- Towel and basic toiletries
- "Write-In-The-Rain" Notebook with pencil (this is College after all...)

Program Incidentals *(included safety gear for you to keep)

- Rescue PFD
- Throw rope
- Whitewater helmet
- Climbing helmet
- Climbing harness
- Sea Kayak waterproof chart case and paper charts
- Snow sports helmet
- Wrist guards for snowboarding

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Wilderness Tours Equipment (included for you to use during program time)

- Camp stoves (typically MSR single burner stoves/fuel)
- Group tarps/kitchen tarp
- 3 season tents
- All boats (canoes, sea kayaks, raft, ww kayaks, etc...)
- Rock climbing gear (ropes, carabiners, etc....note rock climbing shoes are not available. Ice climbing boots are available)
- Alpine and Nordic skis, boots/poles, snowboards/boots

Useful websites related to gear:

- Facebook: [ODA Gear Swap group](#)
- Mountain Equipment Coop: [MEC Gear Product Maintenance and Care](#)

Student discounts and Pro Deals:

- [WEX Gear](#): use promo code: ALGONQUIN10%OFF
- [NRS Canada](#): refer to the handout for access to the NRS pro deal log-in information.
- Level Six: visit their [Pro Deal](#) link and apply.

*Should your personal safety gear be damaged it is the responsibility of the student to replace the equipment in order to continue in skills courses. Typically, WT has inventory to assist in purchasing.

Packing all this gear: You can use a large duffel bag which provides easy access to your gear or a large backpack. Packs are loaded onto a bus so ensure no items are hanging off the outside of your bag!!!!