



2024 National Order of the Arrow Conference

Session: Arrowman Conservation School Level 2

Lead Trainer Name: Brad Ellis

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Session Length: 3 hours

Session Description

This course is a more advanced version of the Conservation Trail Building Track from ACS Level I. It goes into more detail and will have more hands on experience to take your trail building to the next level. ACS Level I completion (any track) required.

Learning Outcomes

Outcome 1: Learn about more advanced trail building techniques.

Outcome 2: Gain a deeper insight into how trail building can be adapted to the terrain.

Outcome 3: Develop an appreciation for how to integrate trailwork into existing infrastructure.

Theme Connection: Seek New Heights

Seek New Heights and learn from some of the most talented trail builders that the Order of the Arrow has developed in their famous (and award winning) OA High Adventure Program.

Facility and Material Needs

Facility Needs

Is this session remote delegate-compatible?
(ie. can the material be engagingly taught via live stream) Yes - Remote delegates will not be able to complete due to in person conservation activities.

Does this session need audio/video (AV) capabilities? (ie. projector) Yes

Are there any other specific facility needs for this session? (ie. movable chairs, panel-style seating, etc.) No

Material Needs

Material	Quantity	Source
Projector w/ AV hook up	2	NOAC Training Committee
Microphones with Speakers	1	NOAC Training Committee

Session Preparation Steps

Step 1: Have an extensive background in trail building experience. Recommend at least 2 seasons as an OAHA Foreman at minimum.

Step 2: Taken ACS Level 1 and 2.

Step 3: Be well versed in literature, including books like Lightly on the Land by Robert Birkby.

Additional Staff Members

Trainer Name	Email	Phone #
Josh Hipps	joshua.hipps@gmail.com	

Lesson Plan

Helpful Templates:

Activity

Copy and paste this box wherever you have an activity in this session!

Materials Needed: [materials]

Length of Activity: # [min]

Activity Description: [description]

Trainer Action

If at any point the trainer needs to complete an action (play a video clip, prompt questions, etc.) copy paste this box and edit this text to specify what!

Introduction

2 minutes

Slides 1 - 3

- Introductions

Topic 1 - Trail Feature Construction

175 minutes

Slides 1 - 137

- All manners of trails
- Managing Water
- Building More Advanced Structures

Conclusion & Takeaway Challenge

3 minutes

Slides 137

Please take out your notebook and pen. For the final three minutes, think about your current and future roles in the OA, in Scouting, and in life. Write down three key takeaways from this session that will enable you to Seek New Heights in those current and/or future roles. For example, building sustainable trail can be a welcome addition

to any council camp or public space. Have you considered a Day of Service project that involves your new trail building knowledge? Later today, feel free to share these key ideas with others in your chapter or lodge.

Appendix: Resources and Source Material

Resource	Link
Order of the Arrow, Mission & Purpose	Available online at: https://oa-bsa.org/about/mission-purpose
Lightly on the Land	https://www.mountaineers.org/books/books/lightly-on-the-land-and-the-sca-trail-building-and-maintenance-manual-2nd-edition