

**University of Alaska Anchorage
College of Education
3211 Providence Drive
Anchorage, Alaska 99508-8269**

**ED 581 Professional Learning in Science Education:
My Wilderness: Storytelling Workshop**

1 Credit, Graded P/NP

Summer 2017

Course Sponsor: Alaska Geographic, Murie Science and Learning Center, Denali National Park

Instructor: Vikram Patel

Education Instructor: Sarah Warnock

Facilitating Instructor: David Tomeo

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Course Meeting Information

Location: Murie Science and Learning Center, Denali National Park & Preserve entrance

Start and End Date: July 21, 2017 to July 23, 2017

Class Day(s) & Time(s): July 21st, 2017 6:30pm through July 23rd, 2017 4pm, continuous residential course

Final Project Due: Last day of class.

Course Description: Participants will join expert story coaches from Anchorage storytelling program Arctic Entries to learn the secrets to capturing and keeping an audience's attention through storytelling. Immersed in the wilderness of Denali, participants will explore storytelling principles, share their own stories, and learn how to make their stories the best they can be. The workshop will culminate with a group storytelling performance on the final evening of the course, on the theme of "In the wilderness: stories of being outside, finding yourself, and the trail less traveled." Participants will consider how to integrate their learning from this fieldwork course into their teaching or educational environments.

Intended Audience: Teachers and other interested educators

Enrollment Restrictions: None

Course Prerequisite/Co-requisites: None

Course Design:

- a. Requires 15 contact hours and approximately 30 hours of engaged learning.
- b. Does not apply to any UAA certificate or degree program.
- c. No UAA lab and/or materials fees beyond standard charges.
- d. This Murie Science and Learning Center course will be entirely field-based. Learning will be achieved through lectures, group discussions, field observations, and field activities. This course is based upon the collegial sharing, collaboration, and support of the participants and facilitator as a community of learners. Course activities will include common readings and group discussions, collective learning processes, peer coaching/mentoring, and reflective practices.

Instructional Goals and Defined Outcomes:

RESEARCH BASED THEORY/PRINCIPLES/PRACTICES/TRENDS (CONTENT)

- 1.0 Instructional Goal:
Introduce the basics of first person narrative structure, including creation, development, and style.

Defined Outcome:

Participants will understand the basics of first person narrative structure and utilize them in developing a personal story about being outdoors in a natural setting.

- 2.0 Instructional Goal:
Introduce constructive editing techniques to help shape other stories.

Defined Outcome:

Participants will understand editing techniques and use these principles to help shape the stories of fellow participants.

THEORY INTO PRACTICE (APPLICATION)

- 3.0 Instructional Goal:
Facilitate development of personal stories to be performed on stage at the end of the course.

Defined Outcomes:

3.1 Participants will develop their stories throughout the course and then perform their stories on stage at the end of the course in a public performance.

3.2 Participants will describe how they will integrate their experiences into their teaching or educational environments.

REFLECTION ON THEORY INTO PRACTICE (REFLECTION)

- 4.0 Instructional Goal:
Engage participants in discussions, reflective journaling and informal sharing about science instruction and how to incorporate gained knowledge and experience into their classrooms.

Defined Outcome:

Participants will review and reflect upon the scientific information covered. Participants will complete a journal, reflecting on how the information can be shared with their students.

RELATIONSHIP TO STANDARDS

5.0 Instructional Goal:

Familiarize participants with science content standards addressed by the strategies and concepts presented.

Defined Outcome:

Participants will identify the Science-Content standards applicable to their classroom.

Writing Style Requirements:

Participants' writing will reflect the clarity, conciseness, and creativity expected of post-baccalaureate certificated educators.

Attendance and Make-up Policy:

Participants are expected to actively and collegially participate in all classes as a contributing member of a learning community. Attendance at every session is mandatory.

Course Assignments, Assessment of Learning, and Grading System:

Course grading will be Pass/No Pass based upon the following:

- a. Participation 50%
Participants will be expected to actively and collegially participate in discussions, activities, and other process experiences during the seminar.
- b. Final Project - Journal completion 50%
Participants will complete journal assignments to be turned in to MSLC field guide on the last day of class. Assignments will include thoughtful reflection based upon seminar experience and an application plan of how participants will integrate issues and content discussed into their own classroom setting.

Quality of Work

Grade of "Pass"

Passing work includes all components of the assignment and meets proficient criteria. It is focused, developed, supported, logical, and acceptable work with minimal errors. Work of this quality indicates understanding of key concepts and knowledge base.

Grade of "No Pass"

Work graded "No Pass" may lack key criteria/components of the task and show little or no evidence of conceptual understanding or knowledge utilization. Work may also show minimal or no organization/development and/or clear focus (may be difficult to follow) and may contain numerous errors. This grade indicates minimal or no knowledge or concept development. It may also mean that work was not attempted.

Course Calendar/Schedule:

- Friday 6:00 p.m. – 6:30 p.m. Greeting and check in at MSLC
- 6:30 p.m. – 7:30 p.m. Introduction, orientation & overview
- Opening remarks on storytelling and Arctic Entries
 - Describe rehearsal and show process and what students can expect from workshop
 - Listen to sample story from Arctic Entries
 - Roundtable discussion about the story: what worked, what didn't, what was confusing, and what each person would change

- Two-minute stories: participants tell their stories in two minutes or less

7:30 p.m. – 9:00 p.m. Drive to MSLC Field Camp and settle in

- Saturday 9:00 a.m. – 5:00 p.m. Exploration of Denali
- While exploring Denali on foot, go over the basics of first person narrative structure and editing techniques. Workshop each storyteller’s story throughout the day.
 - small group rehearsals
- 6:00 p.m. – 8:00 p.m. Dinner and evening discussions
- Optional: Second rehearsals, incorporating notes from morning rehearsals, experimenting with additional elements, taking chances (optional because students may wish to watch/think/work on their own)
 - Teacher study group to discuss the day’s activities and how the information can be shared with students
 - Identify applicable science content standards addressed by course content
- Sunday 9:00 a.m. – 3:00 p.m. Continued exploration of Denali
- Second or Third rehearsal of stories – the nitty gritty, word choice, opening hooks and classy endings, act-outs
- 3:00 p.m. – 4:00 p.m. Return drive to MSLC
- 7:00 p.m. – 8:00 p.m. Storytelling performance for the public

Final Project Due: last day of course

Course Texts, Readings, Handouts, and Library Reserve:

Required Text/Materials:

will be provided at start of course

Supplemental information can be found in the following sources:

Content References:

“Arctic Entries.” *Arctic Entries*. n.d. Retrieved from: <https://arcticentries.com/>

“The Moth.” *The Moth*. n.d. Retrieved from: <https://www.themoth.org/>

“Storyworks Alaska.” *Storyworks Alaska*. n.d. Retrieved from: <http://storyworksak.org/>

“Storytelling.” *Topics | Watch | TED.com*. n.d. Retrieved from: <https://www.ted.com/topics/storytelling>

Standards References:

Alaska Comprehensive Center. (2012). *Guide to Implementing the Alaska Cultural Standards for Educators*. Juneau, AK: Alaska Department of Education and Early Development. Retrieved from: http://www.eed.state.ak.us/standards/pdf/cultural_standards.pdf

Alaska Native Knowledge Network. (1998). *Alaska standards for culturally responsive schools*. Fairbanks, AK: University of Alaska Press. Retrieved from: <http://www.ankn.uaf.edu/publications/culturalstandards.pdf>

National Research Council, the National Science Teachers Association, the American Association for the Advancement of Science, and Achieve. (2013). *The next generation science standards*. Retrieved from <http://www.nextgenscience.org/next-generation-science-standards>.

National Research Council (NRC) of the National Academies and Board on Science Education. (2012). *A framework for K-12 science education: Practices, crosscutting concepts, and core ideas*. Washington, DC: National Academies Press. Free download retrieved from: <http://www.nap.edu/catalog/13165/a-framework-for-k-12-science-education-practices-crosscutting-concepts>

State of Alaska Department of Education and Early Development. (1997). *Standards for Alaska teachers*. Juneau, AK: Author. Retrieved from: <http://www.eed.state.ak.us/standards/pdf/teacher.pdf>

State of Alaska Department of Education and Early Development. (2006). *Content and performance standards for Alaska students*. Juneau, AK: Author. Retrieved from: <http://education.alaska.gov/akstandards/standards/standards.pdf>

Alignment with College of Education Vision, Mission, and Conceptual Framework:

We believe that the preparation and support of professional educators is the shared responsibility of the University of Alaska Anchorage and our partners, and that our programs must evolve dynamically in response to unique community needs, research, and continuous program assessment. This PACE course is designed to meet a professional development need in response to our partner school districts and professional organizations. The course fits within the mission of the UAA College of Education as we encourage lifelong learning to meet the challenges of a rapidly changing world.

Link to Standards for Alaska Teachers:

This professional development effort is firmly rooted in the fundamentals of the standards for Alaska Teachers. It is offered to encourage and support practicing educators in attaining, maintaining, or surpassing the standards that, as stated in *Standards for Alaska's Teachers*, "define the skills and abilities our teachers and administrators need to possess to effectively prepare today's students for successful lives and productive careers." (Roger Sampson, <http://www.eed.state.ak.us/standards/pdf/teacher.pdf>)

Course Policies:

Incomplete Grades

Due to the nature of this course, grades of incomplete will not be permitted.

ADA Policy

The provision of equal opportunities for students who experience disabilities is a campus-wide responsibility and commitment. Disabilities Support Services (DSS) is the designated UAA department responsible for coordinating academic support services for students who experience disabilities. To access support services, students must contact DSS (786-4530 or 786-4536 TTY) and provide current disability documentation that supports the requested services. Disability support services are mandated by Section 504 of the Rehabilitation Act of 1973 and

the Americans with Disabilities Act (ADA) of 1990. Additional information may be accessed at the DSS Office in Business Education Building (BEB105) or on-line at www.uaa.alaska.edu/dss.

Academic Dishonesty Policy

Academic integrity is a basic principle that requires all students to take credit only for the ideas and efforts that are their own. Cheating plagiarism, and other forms of academic dishonesty are defined as the submission of materials in assignments, exams, or other academic work that is based on sources prohibited by the faculty member. Academic dishonesty is defined further in the "student Code of Conduct." In addition to any adverse academic action that may result from the academically dishonest behavior, the University specifically reserves the right to address and sanction the conduct involved through student judicial review procedures and the Academic Dispute Resolution Procedure specified in the University catalog.

Professional and Ethical Behavior

University of Alaska Anchorage College of Education students are expected to abide by the State of Alaska Code of Ethics of the Education Profession and professional teaching standards as they concern students, the public, and the profession. The standards, adopted by the Professional Teaching Practices Commission, govern all members of the teaching profession. A violation of the code of ethics and professional teaching standards are grounds for revocation or suspension of teaching certification.

Technology Integration

University of Alaska Anchorage College of Education students are expected to (a) demonstrate sound understanding of technology operations and concepts; (b) plan and design effective learning environments and experiences supported by technology; (c) implement curriculum plans that include technology applications in methods and strategies to maximize student learning; (d) facilitate a variety of effective assessment and evaluation strategies; (e) use technology to enhance productivity and professional practice; and (f) understand the social, ethical, and human issues surrounding use of technology in PreK-12 schools and apply those principles in practice.

Course Safety and Risk

This course is sponsored by Alaska Geographic and the Murie Science and Learning Center. The University of Alaska Anchorage provides the credit option for interested participants. This course takes place entirely outdoors and within a remote area of Alaska. Field courses, such as this, do have inherent risks. These risks will be outlined in the Alaska Geographic Acknowledgement of Risk form and by the course instructors. The Acknowledgement of Risk form will be provided at the time of registration and a signed copy is required in order to attend.