

ARCHAEOLOGY 415
LITHIC TECHNOLOGY

FALL 2015

Instructor: Brian Kooyman
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Office Hours: W 10:00-12:00, or by appointment
Lecture/Lab: TR 14:00 – 16:45 ES 859



COURSE DESCRIPTION

The analysis of stone (lithic) tool form, manufacture, and use as applied to reconstruction of past human lifeways. Topics covered include: methods of shaping stone into tools; reconstruction of the lithic reduction process and stages from discarded debitage; lithic fracture mechanics; identification of lithic material types and sourcing to specific quarries; the meaning of stone tool morphology; tool typology; lithic usewear analysis; and the integrative use of these sources of information to reconstruct aspects of tool use, activity areas, site type, settlement patterns, social group, cultural change through space and time, trade, and exchange.

TEXT

Brian Kooyman .2000. *Understanding Stone Tools and Archaeological Sites*. University of Calgary Press and University of New Mexico Press.

GRADING:

NOTE: There is no Registrar-scheduled final examination. No single component of the course must be passed to pass the course.

Lab Quizzes (5 @ 5% each)	25%
Labs (3 labs @ 10%, 5%, and 15%)	30%
Lithic Analysis Project (Portions due Nov.5, Dec.1, Dec. 8)	45%

Grading Scheme

A/A+ 90-100%	C 66-69.9%
A- 86-89.9%	C- 62-65.9%
B+ 82-85.9%	D+ 56-61.9%
B 78-81.9%	D 50-55.9%
B- 74-77.9%	F <50%
C+ 70-73.9%	