

Anthropology 3908
Topical Studies:
Prehistoric Technologies - an Experimental Approach

Dr. Don Crabtree

Summer Session III
July 30 - August 3
8:30 a.m. - 4:30 p.m.
Room D-736

- Texts: An Introduction to Flintworking, Occasional Papers of the Idaho State University Museum, No. 28, Pocatello, Idaho, Don Crabtree \$7.10
- Experiments in Flintworking, Reprints from Tebiwa the Journal of the I. S. U. Museum, Don Crabtree \$7.70
- Mesoamerican Polyhedral Cores and Prismatic blades, Reprints from American Antiquity, Vol. 33, No. 4, Oct. 1968, Don Crabtree (to be xeroxed and distributed)

Note: Texts may be ordered from the University of Lethbridge Bookstore. When ordering please add \$1.00 for mailing costs. Students are urged to read the texts before the first class meeting.

Evaluation procedure: to be established by instructor during first class meeting

Outline

Monday, 30 July

Introduction to experimental archaeology; the examination of isotropic materials and their alteration by pyrotechnology, and geological occurrences.

Films: ~~THE FLINTWORKER~~, THE SHADOW OF MAN & Percussion + pressure flaking

Tuesday, 31 July

Demonstrations of percussion flaking and pressure flaking incorporating Old and New World technologies; demonstrations on the fracture of brittle materials and stone-working implements, from the Oldowan to historic times.

Film: THE ALCHEMY OF TIME
FLINT Worker

L-29.7.9.1

Wednesday, 1 August

Demonstration of flake and blade technology, diagnostic attributes, core types; Mesoamerican blade and core demonstrations.

Films: ANCIENT PROJECTILE POINTS, THE HUNTER'S EDGE

Thursday, 2 August

Demonstration of projectile point replication including notching, serrating, burins, study and manufacture of acute and obtuse edges, and introduction of functional processes.

Friday, 3 August

Review of Old and New World lithic technologies; student participation.

Note: Students are responsible for obtaining an inexpensive pair of protective goggles and soft cotton work gloves.

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