GEOS 3524 Invertebrate Paleobiology Lab Syllabus

Instructor: Dr. Jesse Carlucci (jesse.carlucci@mwsu.edu), (940) 397-4448

Lab Class: 11A (Wed, 3pm -4:50pm, BO 125)


Lab handouts will also be used in each lab, and posted on blackboard before class.

The first labs will be held in week 2; there will be no lab in week 1.

LAB SCHEDULE

Sep 5: Methods of Preservation
Sep 12: Systematics I (Phenetics)
Sep 19: Systematics II (Cladistics)
Sep 26: Clade-Stratigraphic Metrics
Oct 3: Paleoeology
Oct 10: Mollusca I (Gastropoda, Cephalopoda and Bivalvia)
Oct 17: Porifera & Cnidaria Midterm Lab Exam
Oct 24: Arthropoda & Trilobites
Oct 31: Brachiopoda & Bryozoans
Nov 7: Echinodermata
Nov 14: Graptolites & Biostratigraphy
Nov 28: Microfossils (Foraminifera, Diatoms etc.) & Trace Fossils
Dec 5: Final Lab Exam

There will be one scheduled field trip on a weekend for lab, date TBA. There will be an accompanying lab.

Grading: Lab grades (assignments + exams) are worth 35% of your total grade for GEOS 3524.

13 lab assignments @ 10 points = 130
2 lab exams @ 35 points = 200

The midterm exam will cover the first 6 labs, and the final exam will cover the last 6 labs of the course. Exams will consist of a series of questions on lab specimens set-up at individual stations.