

STEM 6990 - STEM Graduate Internships

Fall 2026 Syllabus, Section 01, CRN 44147,

Credit hours: 4

Instructor

Thomas Wakefield

Email: tpwakefield@ysu.edu

Public Instructor Information

Instructor Title: Professor

Instructor Professional Qualifications: PhD, Pure Mathematics, Kent State University, 2009

Instructor Office Location: Cafaro Hall 501

Instructor Office Phone: 330-941-3302

Course Description

6990. STEM Graduate Internships. The Graduate STEM Internship provides the student with a professional work experience or research experience in an organizational environment. The internship is an extension of the curriculum and provides meaningful experience related to the student's area of concentration. This academic experience encourages examination about and beyond daily professional related work, in order to broaden students' horizons intellectually, professionally and personally. Students will work with the STEM Careers, Internships & Co-op office and their designated Program Coordinator or Faculty Intern Advisor. The internship course is for credit and can be used to fulfill degree requirements and is charged at the regular tuition rate. Prereq.: A student should at least be accepted into their Graduate program, a 3.0 overall GPA, and approval by the STEM Careers, Internships & Co-op office in consultation with the student's designated Department Chair/Program Coordinator/Faculty Intern Advisor. 1-4 s.h.

Course Readings

Group	Title	Author	ISBN
Optional			

None Required

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Proposed Topic	Due/To Prepare for Class
8/24		Initial Appointment Forms due before start of internship
8/31		Weekly Journal; Contract
9/7		Weekly Journal Learning Objectives
9/14		Weekly Journal
9/21		Weekly Journal
9/28		Weekly Journal
10/5		Weekly Journal
10/12	Site Visit (if applicable)	Weekly Journal Midsemester Employer Evaluation
10/19		Weekly Journal
10/26		Weekly Journal
11/2		Weekly Journal
11/9		Weekly Journal
11/16		Weekly Journal

11/23		Weekly Journal
11/30		Weekly Journal
		Employer Performance Evaluation
		Student Evaluation
12/7	Exit Interview	Final Paper/Presentation
		Work Log

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.