

STEM 4890 - STEM Internship

Fall 2026 Syllabus, Section 12, CRN 42687,

Credit hours: 6

Instructor

Thomas Wakefield

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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

4890. STEM Internship. Integrate theory and practice jointly supervised by working professional and STEM mentor for part-time assignment at approved employer. This academic experience encourages examination about and beyond daily professional related work, in order to broaden students' horizons intellectually, professionally and personally. Students meet with a STEM Career, Internship & Co-op professional staff member and either a Department Chair/ Program Coordinator/designated faculty internship advisor, submit assignment proposal for approval, and file weekly work logs for faculty mentor review. In order for the student to receive academic credit the student must also complete an academic component consisting of research and reflection in the form of a written paper and presentation. May be repeated up to two semesters. Prereq.: Junior or Senior standing, 3.00 GPA in STEM program, 2.75 GPA overall, and approval by STEM Career, Internship & Co-op professional staff in consultation with student's Department Chair/ Program Coordinator/designated faculty internship advisor. 1-6 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.