

MATL 8060 - Dissertation

Fall 2026 Syllabus, Section 06, CRN 41349,

Credit hours: 9

Instructor

Brian Friedrich

Email: bkfriedrich@ysu.edu

Public Instructor Information

Instructor Title: Dr.

Instructor Professional Qualifications: PhD Material Science and Engineering, Youngstown State University, 2022

Instructor Office Location: Moser 2505

Instructor Office Phone: 330.941.3023

Course Description

8060. Dissertation. Design, proposal, completion, and reporting of scholarly research deemed acceptable to the program faculty. Culminates in an oral presentation to dissertation committee. Prereq.: completion of qualifying exam and research proposal. 1-9 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Journals, Books, Conference Papers, White Papers		

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	Testing, Analysis, Simulations, Preparation of Dissertation	
8/31	Testing, Analysis, Simulations, Preparation of Dissertation	
9/7	Testing, Analysis, Simulations, Preparation of Dissertation	
9/14	Testing, Analysis, Simulations, Preparation of Dissertation	
9/21	Testing, Analysis, Simulations, Preparation of Dissertation	
9/28	Testing, Analysis, Simulations, Preparation of Dissertation	
10/5	Testing, Analysis, Simulations, Preparation of Dissertation	
10/12	Testing, Analysis, Simulations, Preparation of Dissertation	
10/19	Testing, Analysis, Simulations, Preparation of Dissertation	
10/26	Testing, Analysis, Simulations, Preparation of Dissertation	
11/2	Testing, Analysis, Simulations, Preparation of Dissertation	
11/9	Testing, Analysis, Simulations, Preparation of Dissertation	
11/16	Testing, Analysis, Simulations, Preparation of Dissertation	
11/23	Testing, Analysis, Simulations, Preparation of Dissertation	
11/30	Testing, Analysis, Simulations, Preparation of Dissertation	
12/7	Testing, Analysis, Simulations, Preparation of Dissertation	

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.