

ENGR 1500 - Engineering Orientation

Fall 2026 Syllabus, Section 02, CRN 41922,

Credit hours: 1

Instructor

Dr. Cory Brozina

Email: scbrozina@ysu.edu

Public Instructor Information

Instructor Title: Associate Professor

Instructor Professional Qualifications:

Ph.D., Engineering Education, Virginia Tech, 2015

M.S., Industrial & Systems Engineering, Virginia Tech, 2007

B.S., Industrial & Systems Engineering, Virginia Tech, 2005

Instructor Office Location: Moser 2020

Instructor Office Phone: 330-941-3028

Course Description

1500. Engineering Orientation. Introduction to engineering careers and the different engineering disciplines. Academic success strategies and university resources to support student success. 1 s.h.

Course Readings

Group	Title	Author	ISBN
	No readings		

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

Day	Date	Proposed Topic	Due/To Prepare for Class
Mon	8/24	Course Introduction: Welcome to Engineering!	Survey Online/ Watch Video
Mon	8/31	Resume Workshop	Survey Online/ Watch Video
Mon	9/7		
Mon	9/14	Civil Engineering	Survey Online/ Watch Video
Mon	9/21	No Monday Meeting (STEM EXPO Thurs Sept 24th)	Survey Online/ Watch Video
Mon	9/28	Electrical and Computer Engineering	Survey Online/ Watch Video
Mon	10/5	Mechanical Engineering	Survey Online/ Watch Video
Mon	10/12	Engineering Technology Overview	Survey Online/ Watch Video
Mon	10/19	Chemical Engineering	Survey Online/ Watch Video
Mon	10/26	Industrial Engineering	Survey Online/ Watch Video
Mon	11/2	Remaining Course Updates	
Mon	11/9	Meet with engineering faculty from the major of your choosing	Survey Online/ Watch Video

Mon	11/16	Engineering Program Lab Tours	Survey Online/ Watch Video
Mon	11/23	Meet with upper division engineering students from the major of your choice	Survey Online/ Watch Video
Mon	11/30		
Mon	12/7		

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.