

## ENGR 1500 - Engineering Orientation

Fall 2026 Syllabus, Section 01, CRN 41140,

Credit hours: 1

### Instructor

Dr. Cory Brozina

Email: [scbrozina@ysu.edu](mailto: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.