

STEM Careers, Internships & Co-ops | Summer 2026 Internship/REU Course Syllabus for Graduate Students

This syllabus may be used for as a guideline for STEM 5890, STEM 6990, CHEM 6991, CSCI 6993 or MATL 8050 or any other Graduate or Advanced experiential learning transcription course in the College of STEM. **STUDENTS IN THESE CLASSES MUST STAY IN CONTACT WITH THEIR FACULTY ADVISOR** throughout the term to complete course requirements, and to get details of their particular course section. ***This syllabus is only intended as a guide, and the requirements therein may be edited by the chair/faculty advisor/instructor of record.***

Faculty/Instructor: Varies. Below is a list of contact information for individual majors.

| Department | Faculty | Faculty No. | Email | Programs |
|--|-----------------------|--------------|--|---|
| Chemical & Biological Sciences 330-941-3664 | Dr. David Asch | 330-941-1350 | dkasch@ysu.edu | Biological Sciences |
| | Dr. Nina Stourman | 330-941-7112 | nvstourman@ysu.edu | Chemistry May use alternative syllabus |
| Rayen School of Engineering 330-941-3027 | Dr. Frank Li | 330-941-2253 | xli@ysu.edu | Electrical & Computer |
| | Dr. Holly Martin | 330-941-3022 | hjmartin02@ysu.edu | Chemical |
| | Dr. Anwarul Islam | 330-941-2421 | aaislam@ysu.edu | Civil & Environmental |
| | Dr. Virgil Solomon | 330-941-1730 | vcsolomon@ysu.edu | Mechanical |
| | Dr. Seokgi Lee | - | slee10@ysu.edu | Industrial & Systems |
| | Dr. Rick Deschenes | 330-967-0479 | radeschenes@ysu.edu | Materials Science (See MATL 8050 Syllabus) |
| School of Computer Science, and Information and Engineering Technology 330-941-2452 (Meshel) | Dr. George (Feng) Yu | 330-941-1775 | fyu@ysu.edu | Computing and Information Systems |
| Mathematics & Statistics 330-941-3045 | Dr. Tom Wakefield | 330-941-3302 | tpwakefield@ysu.edu | Mathematics |
| Physics, Astronomy, Geology and Environmental Sciences 330-941-3616 (WB) 330-941-3612 (Moser) | Dr. Felicia Armstrong | 330-941-1385 | fparmstrong@ysu.edu | Environmental Science See Syllabus Addendum |

Some students may have a faculty advisor not listed above. STEM Careers, Internships & Co-ops will work with your faculty advisor to coordinate your experience.

Credits:

Internships/REUs are credit based: 1 – 4 Credit hours. At the discretion of the faculty advisor each student will be required to complete 100 work hours per credit based on the department’s requirement.

Time/Place: NA. This is an independent study course.

Texts and Materials: No text, just assignments which can found at stem.ysu.edu/internship-co-op-reu

Assignments and Grading Scale:

| | | | |
|--------------------------------------|------------|---|---------|
| Journal Entries | 30 points | A | 270-300 |
| Learning Objectives | 20 points | B | 240-270 |
| Employer Performance Evaluation (x2) | 30 points | C | 210-240 |
| Student Evaluation | 20 points | D | 180-210 |
| Final Paper | 100 points | F | 0-180 |
| Presentation | 100 points | | |
| Total: | 300 points | | |

Forms and Timeline:

All forms and guidelines are [available here](#), with the exception of your contract, which will be emailed to you.

| Task | Deadline | Details |
|---|---|--|
| Initial appointment forms: Expectations & Guidelines and Training agreement | Before the start of the internship/co-op/REU | Available on STEM Internship/Co-op website. Email to STEM.jobs@ysu.edu. |
| Contract | Within two (2) weeks of receiving unsigned contract | Emailed to you from STEM.jobs@ysu.edu. |
| Learning Objectives: 30 pts. | Within two (2) weeks of internship/co-op/REU start | Available on STEM Internship/Co-op website. Email to faculty advisor and CC STEM.jobs@ysu.edu |
| Journal Entries: 30 pts. | Weekly, by midnight Saturdays | Email to faculty advisor and CC STEM.jobs@ysu.edu |
| Faculty Site Visit: (Face-to-face or virtual) | Approximately mid-semester | At the beginning of the semester, reach out to your faculty advisor to discuss the faculty site visit. An evaluation form is available online. |
| Mid-semester Employer Performance Evaluation: 15 pts | Approximately mid-semester | Available on STEM Internship/Co-op website. Have supervisor complete. Email to faculty advisor and STEM.jobs@ysu.edu |
| Presentation: 100 pts. | Due on or before Friday, August 14, 2026 | Check Assignment Guidelines for directions. Please check pg. 3 to see if your major will conduct in person presentations. For virtual presentations, the following formats will be accepted: PowerPoint with voiceover or video. Email to faculty advisor and CC STEM.jobs@ysu.edu |
| Paper: 100 pts. | Due on or before Friday, August 14, 2026 | Check Assignment Guidelines for directions. Final paper must be written by the student, not by using ChatGPT or similar large language models Email to faculty advisor and CC STEM.jobs@ysu.edu |
| Employer Performance Evaluation: 15 pts. | Due on or before Friday, August 14, 2026 | Available on STEM Internship/Co-op website. Have supervisor complete. Email to your faculty advisor and STEM.jobs@ysu.edu |
| Student Evaluation: 20 pts. | Due on or before Friday, August 14, 2026 | Available on STEM Internship/Co-op website. Email to STEM.jobs@ysu.edu Email to faculty advisor if they want a copy. |
| Work Activity Log | Due on or before Friday, August 14, 2026 | Available on STEM Internship/Co-op website. Email to STEM.jobs@ysu.edu Email to faculty advisor if they want a copy. |
| Exit Appointment | At the conclusion of the internship/semester | At the end of the internship or semester (whichever comes first), schedule an appointment with your career advisor on Handshake. |

Presentation Sessions:

Requirements as to the content of your presentation can be found on the [Assignment Guidelines](#).

Unless your major is listed below, the standard format for the presentation will be Microsoft PowerPoint with voiceover or video.

Academic Integrity/Honesty: <https://ysu.edu/student-conduct/student-code-conduct>

As outlined in [The Student Code of Conduct](#), all forms of academic dishonesty are prohibited at Youngstown State. This includes plagiarism, the unauthorized use of tools or notes in taking tests or completing assignments, fabrication of data or information used for an assignment, working with others without permission from the instructor, and more. A student who is believed to have violated the academic integrity policy will meet with the instructor to discuss the allegations. The student may accept responsibility for the violation and any sanctions selected by the instructor, or they have the right to ask for a hearing before a hearing panel. The full Academic Integrity Policy can be found in Article III of [The Student Code of Conduct](#), while further information on University procedures for alleged academic integrity violations can be found in Article V.

Student Accessibility: <https://ysu.edu/academic-success-center/accessibility-services>

In accordance with University procedures, if you have a documented disability and require accommodations to obtain equal access in this course; please contact me privately to discuss your specific needs. To coordinate reasonable accommodations, you must be registered with the [Accessibility Services](#), located in Kilcawley Center Room 2082. You can reach [Accessibility Services](#) at 330-941-1372