

ECE 3006 and ORS: Requirements and Timeline

NOTE: Students must complete ECE 2031 *before* participating in ECE 3006. Any ORS work completed prior to signing up for ECE 3006 will not count toward the required deliverables. Students who choose to participate in ECE 3006 are required to complete ORS-specific deliverables and attend ORS-specific workshops. This info sheet outlines those requirements and the typical ORS timeline.

Fall Semester ORS Requirements

- ✓ **Attend “ECE 3006 and ORS: What Students Need to Know” workshop (August/September).** *You will be able to sign up for ECE 3006 at the end of the workshop.*
- ✓ **Attend “How to Write an Effective Research Summary Report” ORS workshop (September/October).**
- ✓ **Submit a 3-4 page team summary report (October) to Jill Auerbach, ORS Director, who will grade it and provide feedback.** *The team summary report cannot be used to fulfill the writing requirement in ECE 3006 because it is not an individual assignment. However, you will need to submit a copy of the graded report and the evaluation form to ECE 3006 so that we know what your research is about and who is on your team.*
- ✓ **Attend “How to Give an Effective PowerPoint Presentation” ORS workshop (October/November).**
- ✓ **Give a 10-12 minute team PowerPoint presentation (December) to Jill Auerbach, who will grade it and provide feedback.** *This presentation allows students to practice their presentation skills in a professional, non-threatening learning environment. The team presentation cannot be used to fulfill the presentation requirement in ECE 3006; however, you will need to submit a copy of the slides and the evaluation form to ECE 3006 so that we can individualize our instruction and help you improve your presentation skills.*

Spring Semester ORS Requirements

- ✓ **Submit a revised 3-4 page team summary report (January) to Jill based on the feedback given in the fall.** *The team summary report cannot be used to fulfill the writing requirement in ECE 3006 because it is not an individual assignment. However, you will need to submit a copy of the revised graded report to ECE 3006.*
- ✓ **Attend a series of three ORS workshops (February/March) on “How to Effectively Present Research”.** *All three workshops are required for ECE 3006 students.*
- ✓ **Attend a writing workshop on “How to Effectively Report Technical Results/Findings” (March).** *This workshop will prepare students to write the required 5-7 page, individual ECE 3006 document, which can be based on the team summary report. The 5-7 page document is an ECE 3006-only requirement. It is an individual assignment written by one student. ORS students are encouraged to use their research findings as the topic of the ECE 3006 5-7 page document. The ECE 3006 paper is a NEW document; it is not an extra 2 pages added to the team summary report or proposal. The 3006 5-7 page document can be a research paper, an IEEE style conference or journal article, or any relevant, necessary documentation for the research advisor and/or team.*
- ✓ **Give two formal presentations in teams of three: (1) 30-minute poster presentation to ECE faculty/judges explaining research and findings; (2) poster presentation at the annual ORS banquet.** *The 30-minute poster presentation is graded by Jill and evaluated by ECE 3006 faculty.*