Research papers provide the reader an understanding of your project and may include:
- Title Page: includes the title of the project and authors.
- Abstract: Paragraph that summarizes the report for the reader, including essential points, so that they can decide whether they want to read it in its entirety. Typically, the last thing written.
- Introduction & Background: Introduce the reader to the research question and the issues or possible implications. State your hypothesis and the questions you'll use in your study. Discuss knowledge on the topic as found through the current scientific literature. Tell the reader where your research fits within the current body of literature on the subject (may be included in the introduction).
- Methods: Describe how the experiment was conducted or the data were gathered, as well as the rationale as to why you chose your procedures.
- Results: Provides key results of your research. Present the data in text, figures, graphs, or tables. Summarize your findings and point the reader to the relevant data you provided.
- Discussion & Conclusion: Analyze the results state your interpretations and opinions. Explain the implications of your findings and make suggestions for future research. Restate the hypothesis and answer the questions you posed in the introduction.
- References: Include all your directly referenced material here.

Your assignments should be written in the writing style of your discipline, or in a style instructed by your PI. If your PI does not give a writing style, use APA. Purdue OWL is a great resource.

Assignments should be submitted to your faculty mentor via email; you must copy César Montenegro at cmontenegro@fullerton.edu when you submit your assignments. Failure to copy César may result in delayed processing of your bi-weekly stipends.

All writing assignments should be written in Microsoft Word, and **saved as .doc or .docx** files. Do not save your assignment in any other file format, as it will make editing more difficult. **All assignments should be saved as FirstName_AssignmentTitle_Date** (i.e. Tuffy_ResearchMethods_071317). 1" margins, 12 point Times New Roman font, double spaced.

Posters must be 36" x 48" and will be printed by CNSM. Faculty mentors will approve all posters prior to printing. More than one student may present a poster together, as long as it is approved by their program director and faculty mentor. Each poster must be in PowerPoint format and contain the sections listed below:
- Title
- Student Name(s)
- Introduction: rationale, hypothesis, assumptions
- Methods: instrumentation, overview, photographs (if appropriate)
- Results: graphs, data tables, charts, and statistics
- Discussion & Conclusion
- References (up to 3 depending on space)

Biography Assignment   Due Friday, June 23, 2017 at 5:00 p.m.

Submit a brief biography that includes the answers to: name; community college attended; major; are you transferring in fall 2017; if transferring in fall 2017, where; if not in fall 2017, when do you plan on transferring? Additionally, answer the following questions within 30-50 words each.

    1. What interested you about the Undergraduate Research Experience?

    2. What do you hope to gain from participating in URE17?

    3. How does conducting research connect with your career and professional goals?

Paper Outline   Due Thursday, July 6, 2017 at 3:00 p.m.

Create an outline for your research paper and start organizing your thoughts. Your outline should include an introduction, some ideas about your methods (the process for the research you'll do over the summer), and any other components appropriate for a research paper in your discipline.

Research Methods   Due Thursday, July 13, 2017 at 3:00 p.m.

You should describe the methods used to conduct your research. Demonstrate how you gathered your data, include any step by step procedures you used to run experiments, what materials you used to gather your data, how you gathered your samples, and what equipment you used.

Journal Reflection   Due Tuesday, July 18, 2017 at 3:00 p.m.

Complete an online journal reflection for Arroyo Research Services. Instructions will be provided by Arroyo via email at least one week prior to the deadline.

Research Paper – Draft   Due Thursday, July 27, 2017 at 3:00 p.m.

The draft should include all content for your final paper. Discuss the length of your paper with your PI. Your paper should be long enough to cover the material well, but short enough to remain interesting.

Final Poster Title   Due Thursday, August 3, 2017 at 11:59 p.m.

Your PI must approve your poster title. You can finalize your title once you've completed the draft of your research paper.

Abstract   Due Thursday, August 3, 2017 at 11:59 p.m.

Write a paragraph to describe your project. This can be the same for your research paper and poster. Your PI must approve your abstract.

Poster Submission for Printing   Due Tuesday, August 8, 2017 at 5:00 p.m.

Your PI must approve your poster. Follow instructions to submit your poster for printing. Your poster must go to print on August 8, 2017.

Final Research Paper   Due Thursday, August 10, 2017 at 4:00 p.m.

Your final paper should include all revisions noted on your draft by your PI. It should be well edited and serve as the final version of your summer research project.

Research Symposium Presentation   Due Friday, August 11, 2017 at 10:45 a.m.

You will present your poster at the Summer Research Symposium. Be prepared to discuss your research in 1-2 minutes. Remember that some of the folks stopping by your poster will not have the same understanding of your scientific background, so be prepared to simplify concepts and jargon.