

ASR 221 - ADVANCED SCIENCE RESEARCH II

Course Description

Continuation of work undertaken in ASR 220 with emphasis placed on the completion of experiments in consultation with mentors. Students consult with their teachers as necessary and are expected to spend at least 3 hours per week outside of class. Group 2 course.

Credit Hours

2

Contact Hours

2

Lecture Hours

2

Required Prerequisites

Satisfactory completion of ASR 120 or equivalent; permission of instructor. High School only.

General Education Outcomes supported by this course

Communications - Direct

Course Learning Outcomes

Knowledge:

- Identify potential avenues for publication of research.

Application:

- Finalize your research poster presentation.
- Finalize a research paper for potential publication.
- Create an oral presentation of your research project and results.

Integration:

- Present your research findings in a public forum.

Human Dimension:

- Offer constructive feedback to other researchers.

Caring - Civic Learning:

- Mentor a first-year research student.

Learning How to Learn:

- Reflect on your research and identify areas of improvement.