



*Course:* AP Research  
*PEIMS Code:* N1100014  
*Abbreviation:* APRES  
*Grade Level(s):* 9-12  
*Number of Credits:* 1.0

*Course description:*

Note: AP Research is an official AP course and is sanctioned by the College Board.

The second course in the Capstone experience allows students to explore deeply an academic topic, problem, or issue of individual interest. Through this inquiry, students design, plan, and conduct a year-long mentored, research-based investigation to address a research question.

In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. The course culminates in an academic thesis paper of approximately 5000 words and a presentation, performance, or exhibition with an oral defense.

*Essential knowledge and skills:*

In AP Research, students cultivate the skills and discipline necessary to conduct independent research in order to produce and defend a scholarly academic thesis.

*Description of specific student needs this course is designed to meet:*

The second course in the Capstone experience allows students to explore deeply an academic topic, problem, or issue of individual interest. Through this inquiry, students design, plan, and conduct a year-long mentored, research-based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. The course culminates in an academic thesis paper of approximately 5000 words and a presentation, performance, or exhibition with an oral defense.

*Major resources and materials:*

- Students must be provided access to computers with stable internet connections during the school day and after school, with relevant technical/supervisory support. These resources should be provided a minimum of 3 days per week, particularly for students without access to computers and Internet at home. A one-to-one computer configuration is preferred.
- Where necessary, training must be provided for teachers in presentation software, such as Microsoft PowerPoint, Keynote or Prezi as well as other media tools.
- Provide access to classroom/other relevant space in support of the team project (for students to meet, handle relevant materials for their project) with supervision as required.
- Teachers must have access to computers with high-speed internet connections for purposes of research, training, completing surveys, and submission of student work.
- Teachers should be proficient navigating the Internet for research purposes, and have a general familiarity with various media file types. All teachers should have a working knowledge of the Microsoft Office Suite.

*Required activities and sample optional activities to be used:*

Research project, including:

- research process
- research proposal
- research log
- academic thesis paper (approximately 5000 words) with a defined structure including introduction, literature review, method, analysis & evaluation, conclusion & reflection, bibliography
- public presentation, performance, or exhibition
- oral defense of research and presentation

*Methods for evaluating student outcomes:*

Students are assessed through culminating performance tasks.

- research project, research process research proposal, research log; Internally scored—15% of grade
- academic thesis paper; internally scored, externally validated—70% of grade
  - Introduction ; literature review, Method, analysis & evaluation, conclusion & reflection, bibliography
- public presentation, performance, or exhibition (student-chosen format) and oral defense of research and presentation— 15% of grade
  - oral defense internally scored; 3-4 questions from a panel of a minimum of two trained evaluators

*Recommended qualifications of teachers:*

English, Science, Social Studies, Arts, World Languages

*Additional information:*