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Biology Capstone is a course that is required before completion of an AS degree in Biology. It is a project based course in which students will demonstrate a culmination of the skills developed while at South Central College. The student enrolled in this course will complete a scientific research project and present the findings by writing a research paper and giving a poster presentation. In addition, students may be required to participate in all assessment activities as directed by the instructor and the Biology program. This course should be taken during the last semester before completion of an AS degree in Biology. (Instructor permission)

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Lecture

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Communication - Students will be able to demonstrate appropriate and effective interactions with others to
achieve their academic goals. Assist Students

Describe how to interpret and analyze results and integrate the findings with other credible sources.
Explain how to effectively draw a conclusion to the research question based on data collected.

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Use peer reviewed research journal articles to develop a research question.
Design experimental methods to answer the research question.
Perform an experiment to answer the research question.
Collect, analyze and discuss the data collected.
Draw conclusions based on the data collected.

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Describe the characteristics of a credible source.
Identify where credible scientific sources can be found.
Use correct annotation when citing sources.
Use sources effectively when developing a research question and when discussing research results.

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Select a topic for research presentation in consultation with the