

Multivariable Calculus Summer 2019

Students in Multivariable Calculus are expected to reach the level of “Mastery” on the following topics from the “AP Calculus BC Mission” through Khan Academy:

1. Differentiation: definition and basic derivative rules
2. Differentiation: composite, implicit, and inverse functions
3. Applying derivatives to analyze functions
4. Integration and accumulation of change
5. Applications of integration
6. Parametric equations, polar coordinates, and vector-valued functions

Students will benefit from consistent and continual work on this task throughout the summer. This assignment is due on the first day of class, and will count towards the first trimester grade. Students should use their Salisbury School email address for their username. The mission can be found here: <https://www.khanacademy.org/mission/ap-calculus-bc>