Mathematics & Computer Science (MATC)

Courses

MATC 1100 Analytical Inquiry (4 Credits)
This course emphasizes the development of mathematical critical reasoning...the ability to see the essential quantitative idea in any situation. This course is intended for all students enrolled in The Women's College. Skills include developing principles of reasoning, problem-solving skills and mathematical models. Specific topics include analyzing arguments, using unit conversions, proper uses of percentages, index numbers, investments and loans, population growth, mathematical models, and mathematics in the arts. Twenty-five percent of the course is devoted to using the computer to build tables, charts and graphs, calculate future and present values of investments and loans, demonstrating and comparing growth patterns, and deriving best-fit models. Co-requisite is MATH 0900 or its equivalent. Course open to Colorado Women's College students only.