SCIENCE AND TECHNOLOGY (ST)

ST 2050 Scientific & Critical Thinking (4 Credits)
Using scientific topics drawn from the headlines, the following questions will be addressed: What is the scientific method and how is it used appropriately? How are problems formulated, research questions designed, tests, and other measurements constructed, data gathered and analyzed, conclusions drawn, and findings incorporated into theories? In addition, critical thinking processes and models of decision-making and problem-solving will be discussed. The suitability and effectiveness of critical-thinking models in achieving positive organizational outcomes will be emphasized.

ST 2100 The Digital Age (4 Credits)
Digitization influences nearly all aspects of life today: how we communicate, conduct business, operate governments, and how we behave as consumers. This course provides opportunities to explore controversies and ethical dilemmas spawned by digitization. Students also reflect on how digital technologies are transforming our world and create a plan for the future.

ST 3050 Quantitative Reasoning (4 Credits)
Numbers provide a language for reasoning. Numbers are used to quantify data, analyze trends and exceptions, and establish the reliability of conclusions. Using practical problems from business, health care, social services, and government operations, this course provides the opportunity to learn how basic concepts from mathematics can be applied in organizational settings.