Computational Thinking (CT) - Courses

Courses

CT 100 Cr.3
Introduction to Computational Thinking
Computational thinking represents a universally applicable collection of concepts and techniques borrowed from computer scientists. This course is designed to teach how to think algorithmically; to examine the ways that the world's information is encoded and how this impacts our lives; to explore the capabilities and limitations of computers from the past, the present and the future; to apply software design diagrammatic techniques to model real-world systems; to learn how the rules of logic apply to computation, reasoning and discourse; to examine how computers both enhance and constrain our lives; to explore many of the problem solving strategies used by software developers and how they are useful to you. Offered Fall, Spring.