

## COMPUTER PROGRAMMING 1

*An introductory course in program engineering and applications. The course introduces students to the fundamentals of computer programming. Students will learn to design, code, and test their own programs while applying mathematical concepts. Teachers introduce basic coding concepts and problem-solving skills.*

- Students will be familiar with and use a programming language IDE (Integrated Development Environment).
- Students will understand program development methodology and best practices.
- Students will understand and implement key programming concepts.
- Students will understand and implement control structures.
- Students will be aware of career opportunities in the Computer Programming/Software Engineering industry and ethical applications.

