# CPTR2265 - Software Engineering

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| Credits: | 3 (2/1/0) |
| Description: | This course is an introduction to the principles of software engineering. The course covers historical and contemporary practical methods, with topics including development operations, waterfall development, iterative development, evolutionary development, source control ecosystems and testing ecosystems. |
| Prerequisites: | • CPTR1001 |
| Corequisites: | |
| Pre/Corequisites*: | |
| Competencies: | 1. Understand development operations and how they pertain to software developers.<br>2. Develop a solution using a source code control system.<br>3. Develop a solution using one or more test automation systems.<br>4. Develop a solution using one or more deployment management systems.<br>5. Develop solutions within a project management system.<br>6. Perform software development in an agile development environment. |
| MnTC goal areas: | None |

**Can be taking as a Prerequisite or Corequisite.*

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