

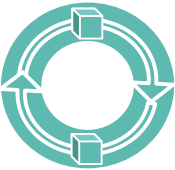




Course Title:	Fundamentals of Software Engineering: Building and running a lightweight Go webshop		
Course Description:	It's an initial application development setup in the programming language Go with help and support of AI (ChatGTP) during the application building phase. The running, operating and maintenance of the application itself will also be an essential part of this course. In addition, the course is showing a new SW building and running method, which could also be applied to many other new software projects, not only in the web area or for Go apps. The 3C method:		
Course Content:	Part I:	C oding 	- <u>Software Development</u> Writing and programming a software to be able to solve business needs/requirements or parts of it. In this course, a Go webshop app, created with help of AI (ChatGTP).
	Part II:	C ontainerisation 	- <u>Linux Process Handling</u> Designing, building, virtualization, isolation, separation, hardening and controlling of apps/containers (imperative and declarative).
	Part III:	C ycles of Life 	- <u>Application Lifecycles</u> Setup, manage and operate SW with build, deploy and release pipelines for different environments (dev/test/pre-prod/prod), depending on the SW application lifecycle state. (CI/CD/DevOps).
Requirements:	Intermediate linux skills, a personal computer/notebook and a good internet connection.		
Course Teacher:	Schmucki ICT, Marco Schmucki (ICT Senior System Engineer)		
Course Length:	3 days (Mo. - Mi. or Mi. - Fr.) / around 21h in total (7h per day)		
Course Location:	Online (also in-class at an education or office location possible)		
Course Price:	SFr. 1'750.- / per student (min. 5 people)		