Understanding Software Engineering:
From „Programming" to „Engineering"
Learning Compass

FH-Prof. Dr. Christian Neureiter
neureiter@successfactory.cc

SUCCESSFACTORY
consulting group

training consulting coaching

Overview

Target Group

▶ Engineers & Leaders who are…

- ▶ In contact with Software
- ▶ Don't have a specific Software Background

Training Goals

▶ Engineers

- ▶ Improve Software Engineering Skills

▶ Leaders

- ▶ Understand how to lead Software Engineering

Setting

▶ On-site or remote

▶ German or English

```
8    // Dear programmer:
9    // When I wrote this code, only god and
10   // I knew how it worked.
11   // Now, only god knows it!
12   //
13   // Therefore, if you are trying to optimize
14   // this routine and it fails (most surely),
15   // please increase this counter as a
16   // warning for the next person:
17   //
18   // total_hours_wasted_here = 254
19   //
20
```

© https://www.wasm.builders/corleonis/engineering-bolt-2-friday-developer-fun-3ojh

move to improve

Possible Learning Path

Program Concept
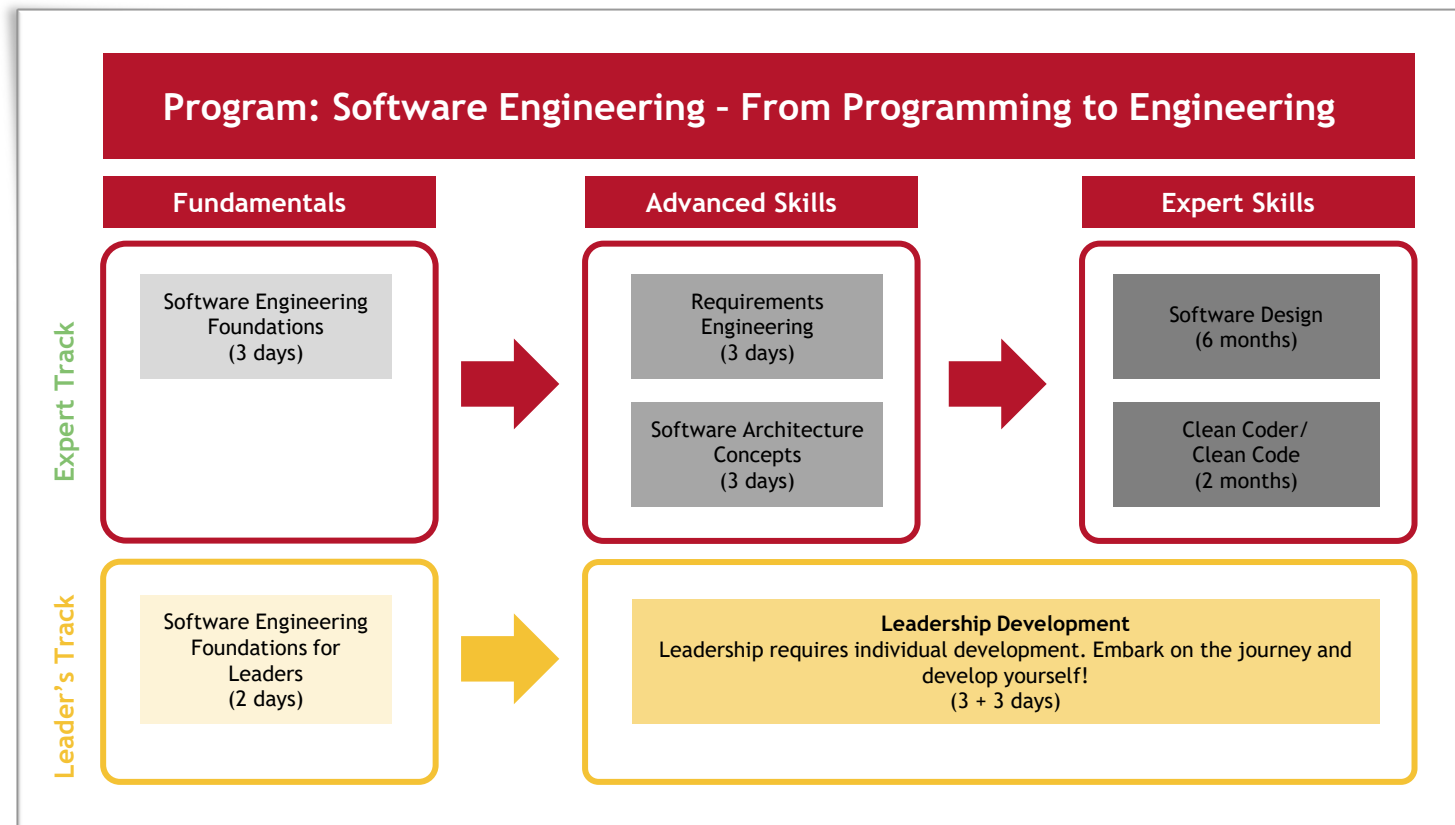- Experts Learning Path
- Leaders Learning Path

Expert Skills available for
- C
- C++
- C#
- Python

Setting
- Open groups
- Closed groups (customization)

Program: Software Engineering – From Programming to Engineering

Fundamentals	Advanced Skills	Expert Skills

Expert Track

- Software Engineering Foundations (3 days)
- Requirements Engineering (3 days)
- Software Architecture Concepts (3 days)
- Software Design (6 months)
- Clean Coder/ Clean Code (2 months)

Leader's Track

- Software Engineering Foundations for Leaders (2 days)
- **Leadership Development** Leadership requires individual development. Embark on the journey and develop yourself! (3 + 3 days)

---

*) Though the trainings are designed as seamless tracks, all trainings can also be booked individually

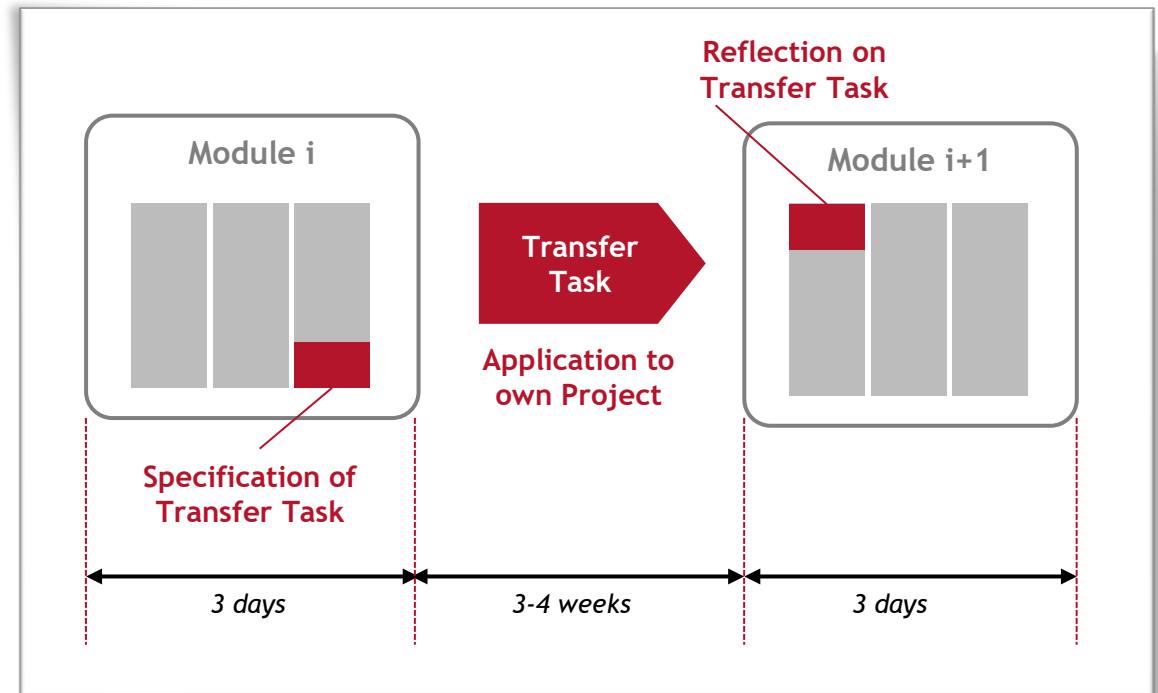move to improve

Content & Didactic Concept

Content for Experts

▸ Understand Software Engineering as a whole

▸ Requirements Engineering

▸ Architecture & Design

▸ Integration, Verification, and Validation

▸ Clean Code / Clean Coder

Content for Leaders

▸ What makes Software special? (yes, it is!)

▸ Main tasks and Challenges in Software Engineering

▸ Software Engineering in an professional context

▸ How to lead Software Engineering

Didactic Concept

▸ Theory: Acquire Knowledge & Skills

▸ Transfer: Apply to own project and reflection

move to improve

Pricing, Customization, and Booking

Pricing for Open Groups

▸ Pay-per-Participant

▸ Depend on location

▸ Will be announced individually per training

Pricing for Closed Groups

▸ Pay-per-Trainer

▸ Individual Arrangements

Customization Possibilities

▸ For closed groups, we are happy to provide individual programs

Do you want to know more…?

▸ Or reserve a place for the next open group…?

▸ Just get in contact with us:

FH-Prof. Dr. Christian Neureiter
neureiter@successfactory.cc

move to improve

SUCCESSFACTORY
consulting group

Office Leoben
Mareckkai 50, 8700 Leoben
T. +43 3842 43033
M. office@successfactory.cc

Office Salzburg
Auweg 30, 5400 Hallein
T. +43 650 266 12 77
M. office.sbg@successfactory.cc

Office München
Gabriel-von-Seidl-Strasse 56, 82031 Grünwald
T. +43 664 73 48 1155
M. office.muc@successfactory.cc

Office Düsseldorf
Kreuzbergstraße 7a, D-40489 Düsseldorf
T. +49 172 2590135
M. office.dus@successfactory.cc

www.successfactory.cc

training consulting coaching