

Teaching Content / Strategies

----- Why (Ontology) -----
Theoretical / Conceptual (TH)

----- What (Epistemology) ---
Practical / Hands-on (HO)

----- How (Methodology) -----
How to implement TH/HO

Knowledge on
community concerns

Contribution workflow

Mission and guiding
principles

SECO process and
tools concepts

Project Level (PL)
process and tools
concepts

Active Communication
Skills

Rational/Analytical
reasoning

Environment and
account Setup

Code Quality
assurance activities

Technical Skills to
solve Challenging
tasks

Practicing
development
workflow activities

SECO-level Tools
practice

Project Level (PL)
Tools practice

New features and
design activities

Feedback from
mentors

Teaching by
Demonstration

Reward harvesting

Adaptive Teaching
strategies

Question/Answer
Sessions

Ice breaker and
Breakout session
(Niche creation)

Critical/Analytical
thinking

Testimonies from
former mentees and
Mentors

Onboarding Challenges

Company (C)

Individual (I)

SECO (S)

Vast expertise needed
for OpenStack projects
(E)

Cross-project
dependencies (E)

Lack of self motivation and commitment

Soundness of Return
on Investment (ROI) (I)
(E) (C)

Mentorship within
companies (E) (C)

Productive mentors-
mentees
collaboration (I) (E)

Investment in
mentoring is key to
staying competitive
(E) (C)

Productive mentees-
mentees
collaboration (I) (E)

Adapting with diverse
learning needs (E)

Reducing effort
required to
contribute (I)

Mentorship
sustainability
(I) (E) (C)

Update learning
materials (E)

Mentors Management
(E) (C)

Onboarding Benefits

Mentoring Enhances
Productivity (I)

Mentoring Enhances
Diversity / Inclusion (E)

Mentoring Enhances Technical
expertise (I)

Mentoring Enhances Ecosystem-
wide Best practices and Quality
Assurance (E)

Mentoring Mitigates Impostor
Syndrome Effect (I)

Mentoring Enhances SECO
Evolution
(Growth-and-maturity)
(I) (E) (C)

Mentoring Enhances
Collaboration to solve complex
problems (I) (E) (C)

Investment in mentoring creates
Job opportunities (E)