

# ReDI School Volunteering

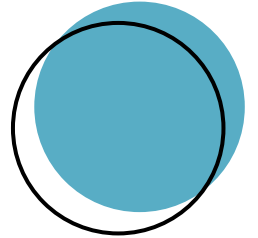
(ISC)<sup>2</sup> & ReDI Cyberspace Program Alignment

We use tech to connect human potential and  
opportunity with dignity & humility



# Presentation Overview

- Students Demographics
- Overview volunteering opportunity:
  - Course overview
  - Teaching roles
  - Volunteers Commitment
  - Volunteers Onboarding
- Volunteers Workshops
- Other enrichments
- Volunteer Opportunity



# ReDI School in a nutshell

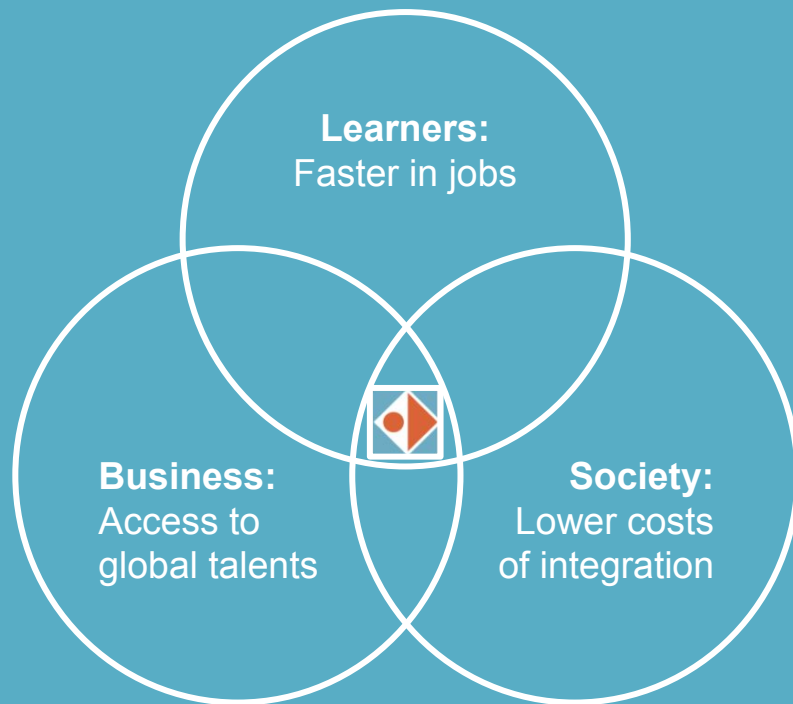
# ReDI School is focused on the Win\_Win\_Win

ReDI School of Digital Integration is a **network of non-profit tech schools for those without access to digital education**. We welcome people who have experienced forced migration as well as locals across our locations.

We offer our learners **free classes of high-quality IT training** and the chance to collaborate with the start-up and digital industry.

ReDI School is partnering with local and global companies to **solve the lack of IT professionals** in a creative and productive way.

We operate schools in **Germany** (Berlin, Munich, Dusseldorf, Hamburg), **Denmark** (Copenhagen, Aarhus) and are launching a location in **Sweden** (Malmö) as well as an online academy in **Cyberspace**.



# One ReDI Community

107  
nationalities

950+

13.200+

100+

## Tech Leaders & Volunteers

Each semester extraordinary engaged Tech-Evangelists, IT-Experts, Coders, Software-Engineers, Data-Scientist, Designers, HR-Experts and Leadership engage

## Tech Talents & Students

Have been trained since 2016. They are highly motivated refugees, migrants and newcomers in Germany, Denmark and Sweden.

## Companies & Foundations

E.g. Microsoft, Amazon, Google, Klöckner & Co, Accenture, Capgemini, Cisco, Deloitte, Postcode Lottery, Generali and Henkel donate or partner up.



# The Volunteers

## ReDI teachers: rise by lifting others

Our mission at ReDI School is supported by the local tech community, who teach, mentor, and support our students along the way. We are looking for a variety of volunteers who can bring their professional experience to help our students grow.



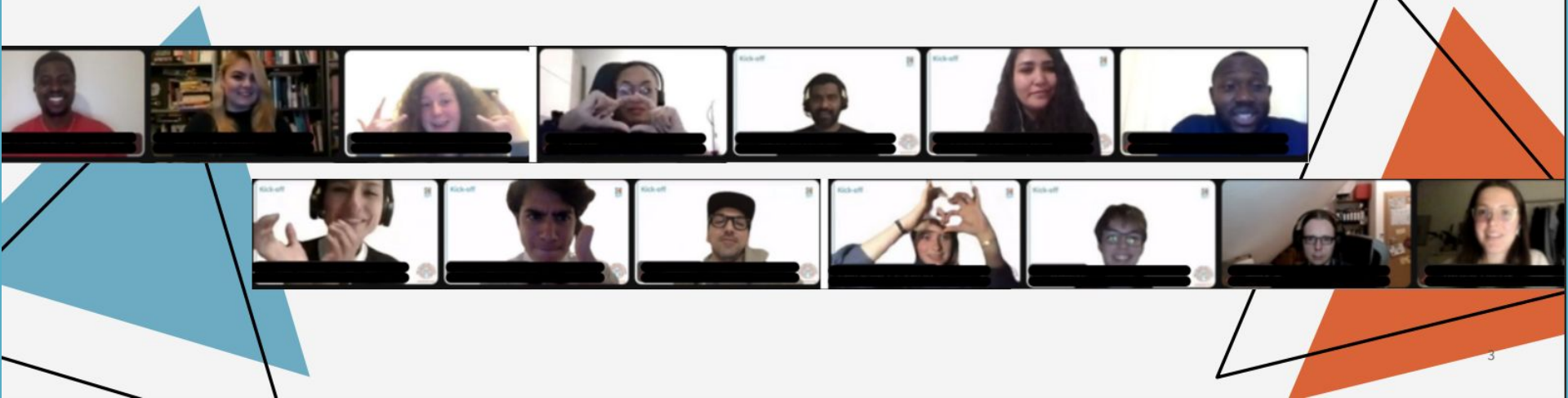


# When life gave us lemons, we made lemonade!



Building on the lessons of [virtual coding education during the pandemic](#), we have opened ReDI's latest location in the Cyberspace. This allows us to offer [free, high-quality coding education for learners outside of urban centres](#).

ReDI in Cyberspace is their platform to develop future-proof skills for our digital society.



# What is ReDI School's Cyberspace program about?

We are a global digital education platform enabling the tech community to empower people that face barriers & borders - **regardless of their location**

- **Our seal as online academy:**

- Experience of leading students through **engaging online learning experiences**
- Target group: **Female** participation, **forced migration**
- Strong **partner ecosystem** ensuring highest-quality IT education





Candidates have **priority** if they are:

**People with  
forced  
migration  
background**

or

**Female  
participants**

If you don't meet these conditions... Don't worry!

**We want to have a  
diverse community  
of students!**

# Students Demographics

Students

Forced migration  
background Participation

Female  
participation

Returning Students

125

50%

50%

50%



112

49%

58%

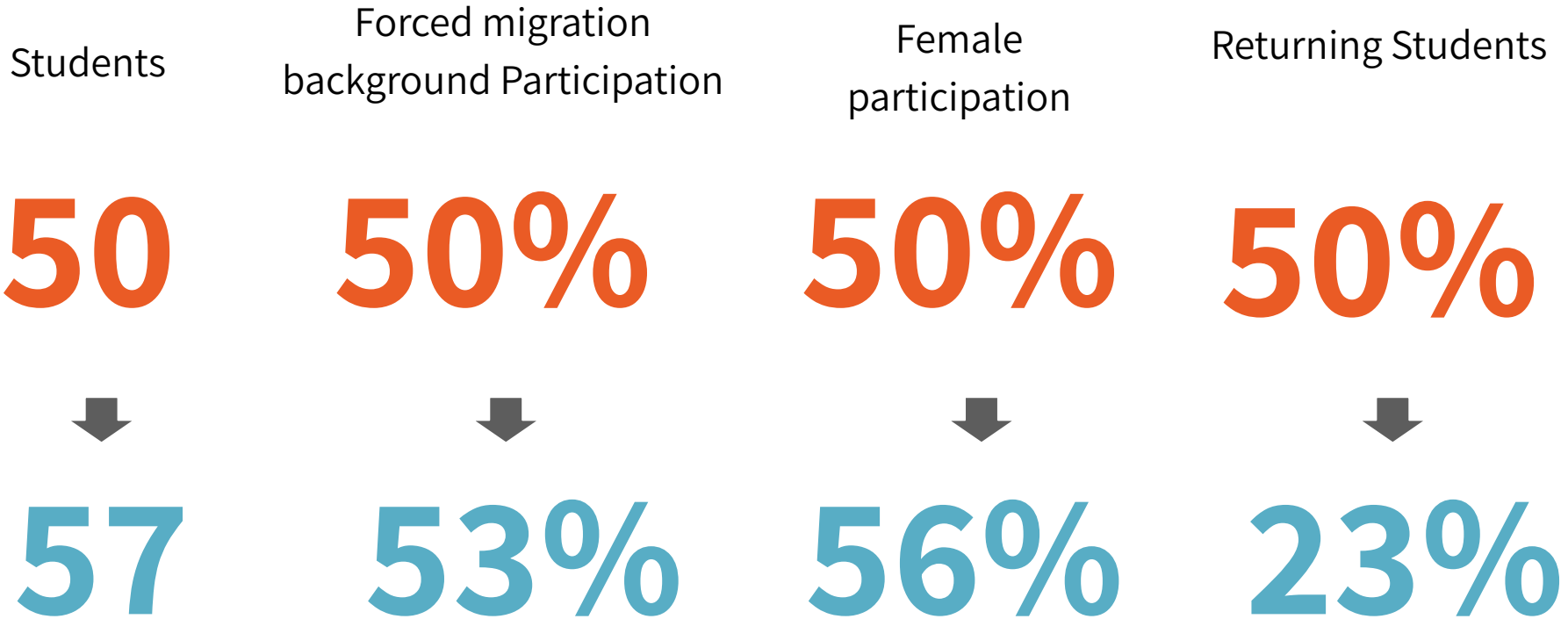
16%

53

65

18

# Cyber security Students Demographics



# Figures



**400+**

**Students enrolled**

**50%**

**Female**

**60%**

**Students with  
Forced Migration  
Background**

**150+**

**MS certificates**

**100+**

**Mentoring hours**

# The European Cybersecurity academy



## ReDI in Cyberspace



**300+ trained students**

Certifications: **AZ900, AZ500, SC900**

## ReDI in Denmark



**150+ trained students**

Certifications: **AZ900**

## ReDI in Malmö



**100+ trained students**

Certifications: **AZ900**



# Cybersecurity 360° Courses: Overview Cyberspace Skills

**BEGINNERS**

**Beginners +  
AZ900**

**INTERMEDIATE**

**Intermediate**

**ADVANCED**

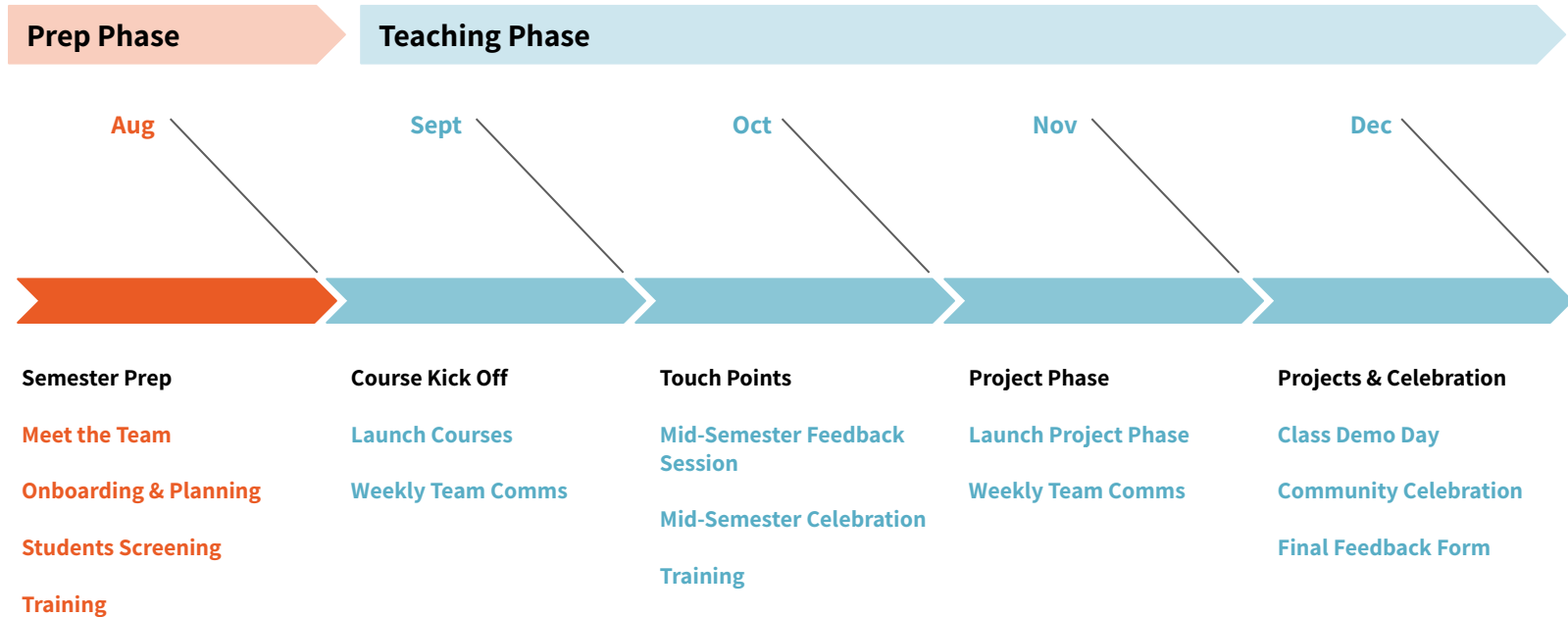
**Advanced  
(SC900)**

Theory  
Hands on practice / Labs  
Project  
Presentations  
Exposure to tools  
Best practices  
Soft skills  
Team work & diversity  
Industry recognised certifications  
Workshops by industry experts  
Insights from volunteers' experience

# Overview

## Volunteering @ ReDI

# Semester Timeline



# About the Courses



**Fall Semester Plan 2023 : 12- 18 Weeks**

**Level:** Beginner to Advanced

**Mode of Instruction:** **Online Zoom**

**Class Duration:** **2 Hrs 7 to 9 PM**

**Total Classes:** **24** (2 classes per week)

# A ReDI in Cyberspace Week

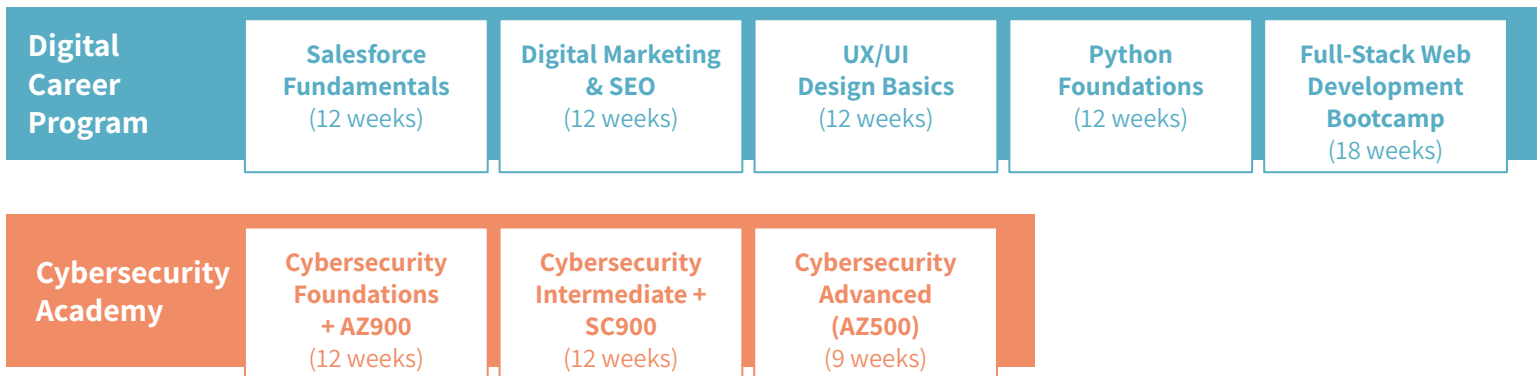
\*\*this and following slide are for external promotion



	Monday	Tuesday	Wednesday	Thursday
<b>Class time:</b> 19.00 - 21.00 CET	Python Foundations	Salesforce	Python Foundations	Salesforce
	UX/UI Design Basics	Cybersecurity Intermediate + SC900	UX/UI Design Basics	Cybersecurity Intermediate + SC900
	Digital Marketing & SEO	Cybersecurity Advanced (AZ500)	Digital Marketing & SEO	Cybersecurity Advanced (AZ500)
	Cybersecurity Beginners + AZ900		Cybersecurity Beginners + AZ900	
	Full Stack Bootcamp	Full Stack Bootcamp	Full Stack Bootcamp	Full Stack Bootcamp (P2P)



# What we teach



# Class Format



**LEARN**



**PRACTICE**



**SHOW**

# Class Format



Welcome

Homework  
check & Recap  
previous  
session

Content

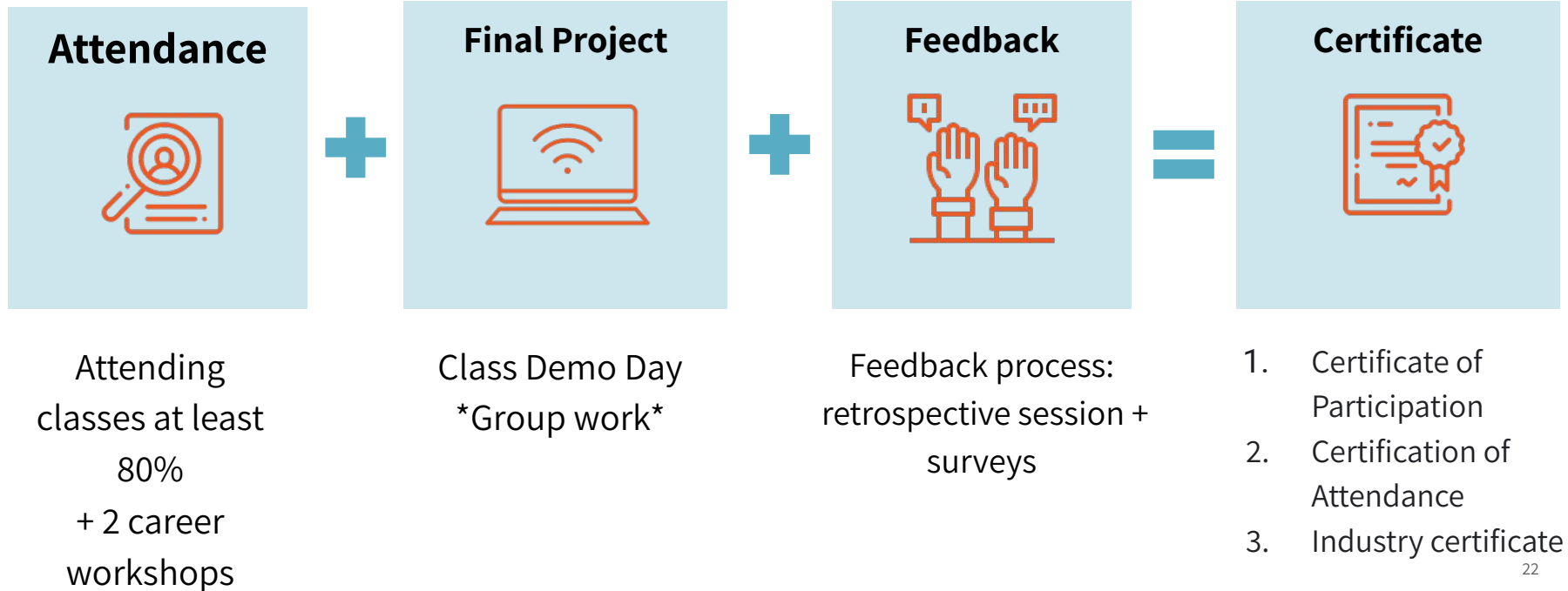
Practice

Check for  
understanding

Wrap up &  
next session  
overview



# Certification process



# Session Owner

Owner of content & content delivery for one session



## Tasks Before Class:

Material prep:

- Updates class material & makes sure all components are there
- If wished for: shares slides with colleagues for feedback ahead of class
- Uploads material for the students on our learning management system / Google Classroom

Class Prep:

- Checks class feedback on Slack from previous class to understand where we left
- Checks homework assigned for the day
- Coordinates with assistant 10 min before the session on Zoom
- Joins class as a co-host on Zoom



# Assistant Teachers

Teaching support in class for moderation / facilitation, technical Zoom setup, students questions.



## During Class:

- Monitor students engagement & interaction, checks everyone is fine
- Keep an eye on live questions & makes sure each student is given time to ask a question
- Tracks Students Attendance
- Zoom setup (admitting, muting participants, creating breakout sessions)
- Support in homework correction (breakout sessions)
- Manage group work / exercises in class (breakout sessions)

# Homework Reviewer



## Homework Reviewer Tasks:

**Where:** Scalando OR Google Classroom

## Grading (0/3)

- 1 point: homework submitted in time
- 1 point: homework is what we expected
- 1 point: homework's very well done

**How:** When sharing feedback, please share following points with the students via Scalando:

- How did the student carry out their homework? Is this what we expected from them, based on the tasks we assigned?
- Feedback on how the homework is done. Is it enough? Is anything missing? How can they improve for next time?
- Thank students for submitting homework and congratulate them for what they have done :)

Don't forget to **inform your team about** how the weekly homework review went via **Slack message in teachers channel**

# Team tasks



- Create a learning atmosphere where students feel safe to learn and are not afraid of making mistakes
- Cheerleading: be supportive and congratulate students for their achievements!
- In case of issues, or if something makes you feel uncomfortable: please inform the ReDI Team

# Teaching Team Organization: Planning & Scheduling

- Shifts plan:** We plan monthly class shifts. Volunteers sign up on a "course core sheet" to indicate their preferences and availability. We assign rotating teaching roles based on this information. Teachers receive calendar invitations from ReDI for their sessions.
- Class Handover:** volunteers share information (how the class went, what we achieved etc) to the upcoming teaching team through an handover form (on Slack)
- Regular Check-ins** (Teachers Standups:) teachers of the course meet regularly (bi-weekly or monthly, depending on team preferences) to share how their experience is going and to flag impediments.

Python Foundations								Teaching Team							
S#	WEEK	DAY	DATE	TOPICS	SESSION OWNER	ASSIST	BACKUP TEACHER	WEEKLY HOMEWORK REVIEWER	Carlos	Ilia	Justice	Keviin	Max	Pavlos	Vojta
	W0	Wed	12.04.2023	Course Kick off <a href="#">(agenda here)</a>	Collective moderation!			Homework reviewer not needed here	Yes Backup	Yes Assistant	Yes Assistant	Yes Backup	Yes Backup	No	Yes Assistant
1	W1	Mon	17.04.2023	Brief introduction of Python Basic data types (booleans, numbers, strings, lists, dictionaries) Setup: Visual Studio Code, GIT, Github, Linting	Carlos	Justice	Keviin	Vojta	Yes Session Owner	Yes Backup	Yes Assistant	Yes Backup	Yes Backup	No	Yes Backup
2		Wed	19.04.2023	Usage of variables Operations (Logical and Arithmetic)	Keviin	Ilia	Max		Yes Backup	Yes Assistant		Yes Session Owner	Yes Backup	Yes Backup	No
3	W2	Mon	24.04.2023	Boolean logic and decision making Conditionals (if, if else, else) Iterative programming	Carlos	Keviin	Max	Vojta	Yes Session Owner	Yes Backup		Yes Assistant	Yes Backup	Yes Assistant	No
4		Wed	26.04.2023	Strings and String Operations	Justice	Ilia	Max		Yes Backup	Yes Assistant	Yes Session Owner	Yes Backup	Yes Backup	Yes Backup	Yes Assistant

# Volunteers Commitment



4 hours per week (including:

- Teaching 3x2h sessions/month,
- Class preparation time before the session,
- check-in meetings with teaching team (live or remotely, bi-weekly or monthly)
- **Semester preparation:** requires one month of planning ahead of kick off.



# Volunteering onboarding



Onboarding meetings includes:

1. Welcome & Onboarding Meeting (for new teachers only) (1h)
  - a. Welcome & ReDI Team Intro
  - b. Breakout: icebreaker fun activities
  - c. What ReDI stands for, project goals intro etc
2. Team meeting 1: “Meet the Team” (2h)
  - a. Team building
  - b. Prepare for screening sessions
  - c. Arrange standups / check-in meetings
  - d. Prepare for kick - off event
3. Screening Sessions: students screening
4. Team meeting 2: “Planning session” (2h)
  - a. Explore curriculum & tools / IDEs
  - b. Familiarise with curriculum

\*\*Before meeting the team, teachers are required to go through a quick onboarding path in our teachers hub and to familiarise with class tools.

# Volunteers Onboarding Schedule - Fall 2023

WEEK STARTING	MON	TUE	WED	THURS	FRI & SAT
28/07/23				<b>New teachers</b> welcome & onboarding	
07/08/23	<b>Teacher meeting (1)</b> Digital Marketing & SEO + UX/UI Design + Python	<b>Teacher meeting (1)</b> Salesforce Pathfinder	<b>Teacher meeting (1)</b> Full-Stack Web Development	<b>Teacher meeting (1)</b> Cybersecurity Track: Fundamentals + Intermediate + Advanced	
14/08/23	<b>Teacher meeting (2)</b> UX/UI Design Basics	<b>Teacher meeting (2)</b> Full-Stack Web Development	<b>Teacher meeting (2)</b> Python	<b>Teacher meeting (2)</b> Cybersecurity Intermediate + SC900	
21/08/23	<b>Learner Screening</b> Sessions	<b>Learner Screening</b> Sessions	<b>Learner Screening</b> Sessions	<b>Learner Screening</b> Sessions	<b>Learner Screening</b> Sessions
28/08/23		<b>Teacher meeting (2)</b> Digital Marketing & SEO	<b>Teacher meeting (2)</b> Cybersecurity Fundamentals + AZ900	<b>Teacher meeting (2)</b> Cybersecurity Advanced (AZ500): Teams A & B	
04/09/23				<b>Course Kick off</b> (All Tue + Thurs Classes)	
11/09/23 + 18/09/23	<b>Teacher optional training sessions</b>				

# Workshops for Volunteers

# Workshops

For Volunteers



- **'Building a high performing, cohesive classroom'** training provided by Natascia Silvestri
- **"Session Design"** training provided by trainers from the LXD Academy (this training was delivered in 2 training sessions)
- **"Instructional Coaching"** training provided by trainers from the LXD Academy

# Other Enrichment

For Volunteers



- Recommendation letter
- Badges which can be shared on different platforms
- our passionate community dedicated to making a positive impact and empowering others. Be part of a committed group that strives to create a difference.
- An opportunity to grow yourself personally and/or professionally.
- You have access to events with our partners.
- ReDI offers a great opportunity to network across all our locations.

# Volunteering Opportunity

# Option: 1

Biweekly



- Course: Introduction to CC (by ISC)<sup>2</sup>
- Level: Beginners
- Volunteers required : 6- 7
- Biweekly meetings: 5 to 6 sessions
- Session duration: 2 hours Zoom
- Commitment : 14 hours
- Curriculum includes 5 domain-based sessions
- Volunteers go through the materials provided by (ISC)<sup>2</sup>
- Second part of the sessions includes a Q&A round
- Students engage in self-study and attend weekly sessions to address their queries with volunteers
- One session for Exam preparation

# Option: 1

Biweekly



- Meetings will be organised by ReDI Team
- Students support and management will be done by ReDI Team
- Tech support for the platform will be provided by (ISC)<sup>2</sup> Team for teachers as well as for students
- Teaching Material will be provided by (ISC)<sup>2</sup>



# Option: 2

Need base



- **Course:** Introduction to CC (by (ISC)<sup>2</sup>)
- **Level:** Beginners
- **Meetings:** On students need basis
- Volunteers required : 5 - 6
- **Mandatory Session** : 2 hours 2 sessions  
Onboarding and exam preparation
- Commitment : 8 hours
- Volunteers offer support through Slack and independently schedule meetings with students based on mutual availability and agreement.
- Students engage in self-study and address their queries with volunteers in slack
- One session for Exam preparation

# Option: 2

Need base



- 2 Meetings will be organised by ReDI Team
- Students query meeting is organised by teachers and students
- Students support and management will be done by ReDI Team
- Tech support for the platform will be provided by (ISC)<sup>2</sup> Team for teachers as well as for students
- Teaching Material will be provided by (ISC)  
2



# Thanks a lot!

**Contact:**

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ReDI School in Cyberspace

