IATI

Software Workshop and Training Series

Innsbruck, Martch 2024

Program Draft*

Day 1: Database Design Patterns

- 10:00 AM - 12:00 PM: Introduction to Database Design Principles
- 12:00 PM - 1:00 PM: Lunch Break
- 1:00 PM - 3:00 PM: Understanding Relational Database Models
- 3:00 PM - 3:30 PM: Refreshment Break
- 3:30 PM - 5:30 PM: Practical Applications of Database Design Patterns

Day 2: Programming Fundamentals

- 10:00 AM - 12:00 PM: Fundamentals of Programming Logic and Syntax
- 12:00 PM - 1:00 PM: Lunch Break
- 1:00 PM - 3:00 PM: Data Structures and Algorithms Essentials
- 3:00 PM - 3:30 PM: Refreshment Break
- 3:30 PM - 5:30 PM: Hands-On Coding Exercises and Problem Solving

Day 3: Overview of Programming Languages

- 10:00 AM - 12:00 PM: Introduction to Programming Paradigms
- 12:00 PM - 1:00 PM: Lunch Break
- 1:00 PM - 3:00 PM: Exploring High-Level and Low-Level Languages
- 3:00 PM - 3:30 PM: Refreshment Break
- 3:30 PM - 5:30 PM: Comparative Analysis of Popular Programming Languages

Day 4: Multilanguage Translators Databases

- 10:00 AM - 12:00 PM: Fundamentals of Multilanguage Translation Systems
- 12:00 PM - 1:00 PM: Lunch Break
- 1:00 PM - 3:00 PM: Designing and Implementing Multilanguage Databases
- 3:00 PM - 3:30 PM: Refreshment Break
- 3:30 PM - 5:30 PM: Case Studies and Best Practices in Multilanguage Translation

Day 5: Expert Systems and Communication Strategies

- 10:00 AM - 12:00 PM: Introduction to Expert Systems Development
- 12:00 PM - 1:00 PM: Lunch Break
- 1:00 PM - 3:00 PM: Effective Communication Strategies for Professionals
- 3:00 PM - 3:30 PM: Refreshment Break
- 3:30 PM - 5:30 PM: Real-world Applications and Implementation of Expert Systems

*Please note that this schedule is subject to adjustments based on participant feedback and session dynamics.