



Database Developer skills roadmap for IBM DB2 Universal Database for Linux, Unix, and Windows -- (Academic Initiative)

Role

The database developer is responsible for implementing the database design as defined by the Data Architect, including tables, indexes, views, constraints, triggers, stored procedures, and other database-specific constructs needed to store, retrieve, and delete persistent objects.

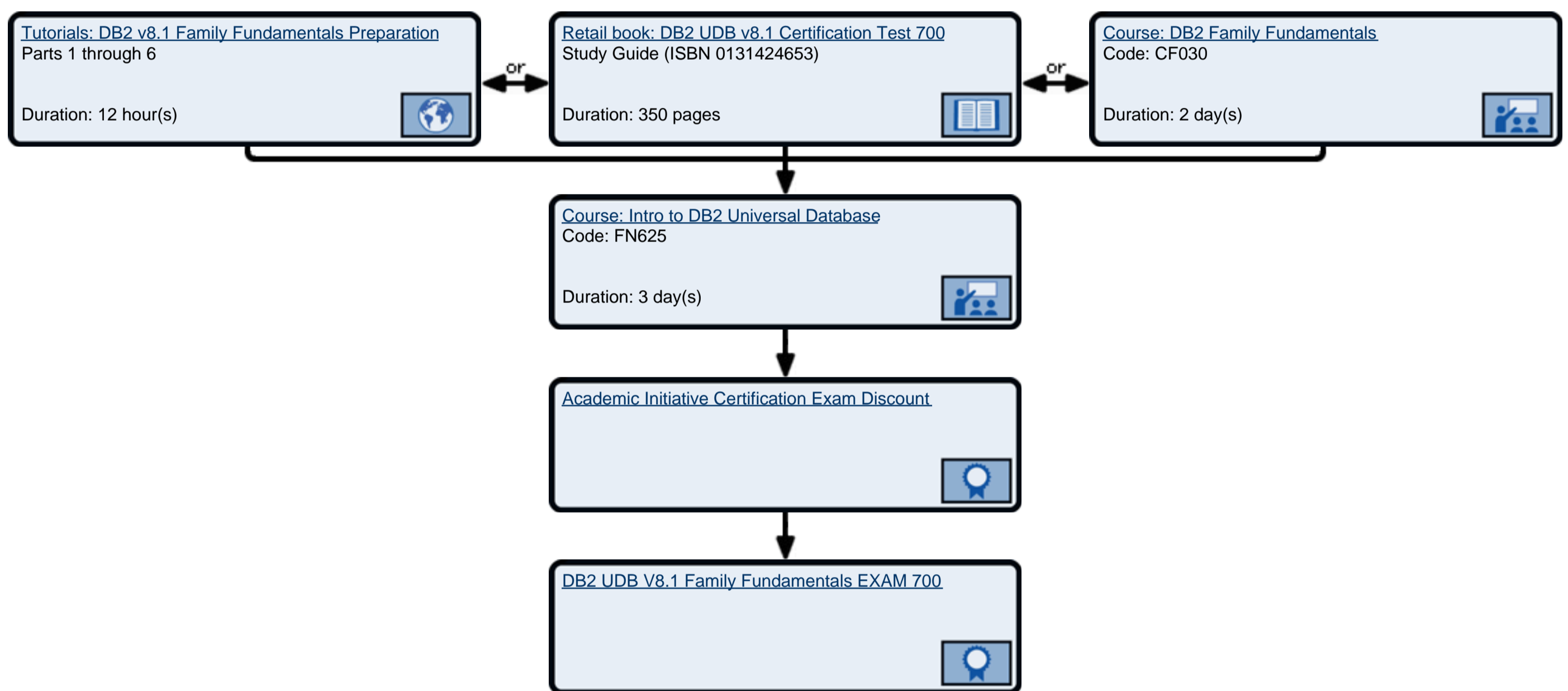
Assumptions

The database developer has knowledge of the system or application under development

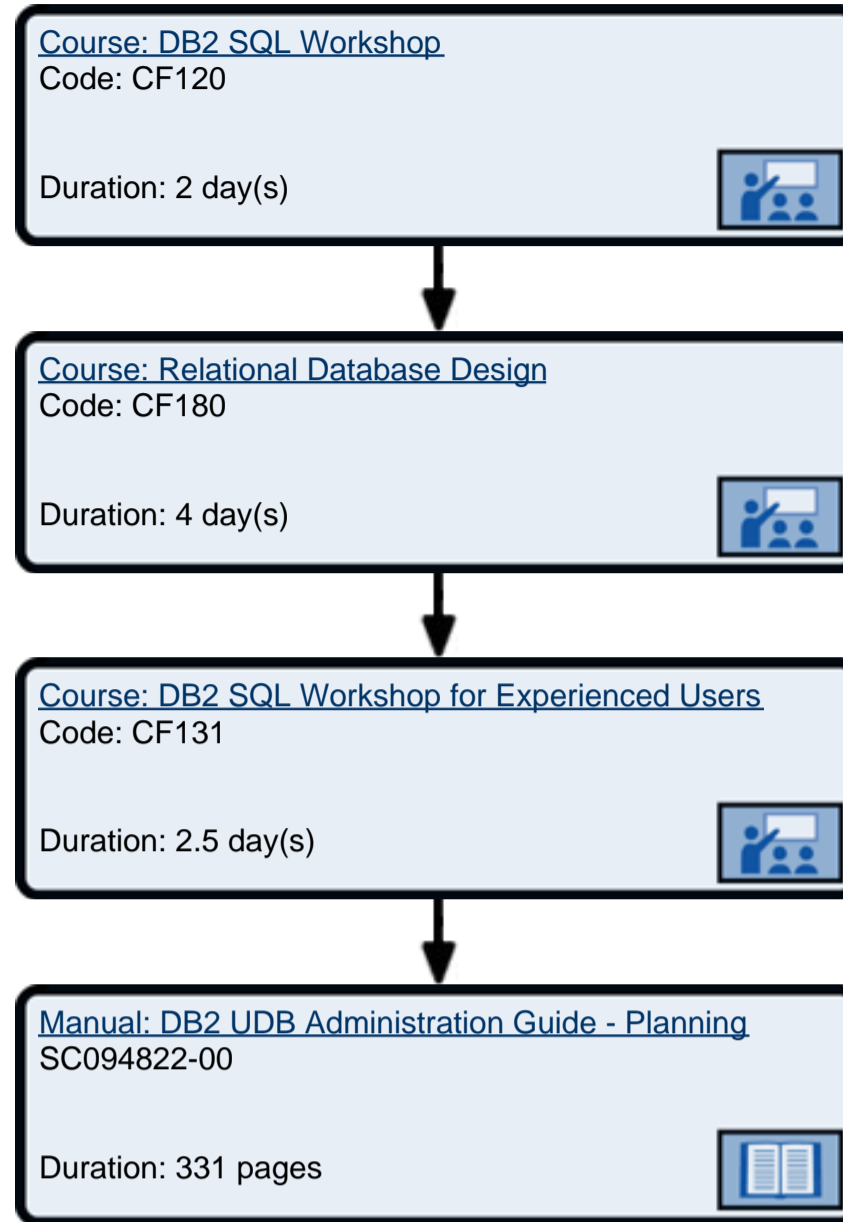
Objectives

1. Data modeling, database design
2. Object-Oriented Analysis and design techniques
3. System architecture, including database and system performance tuning, as well as hardware and network workload balancing
4. Database administration

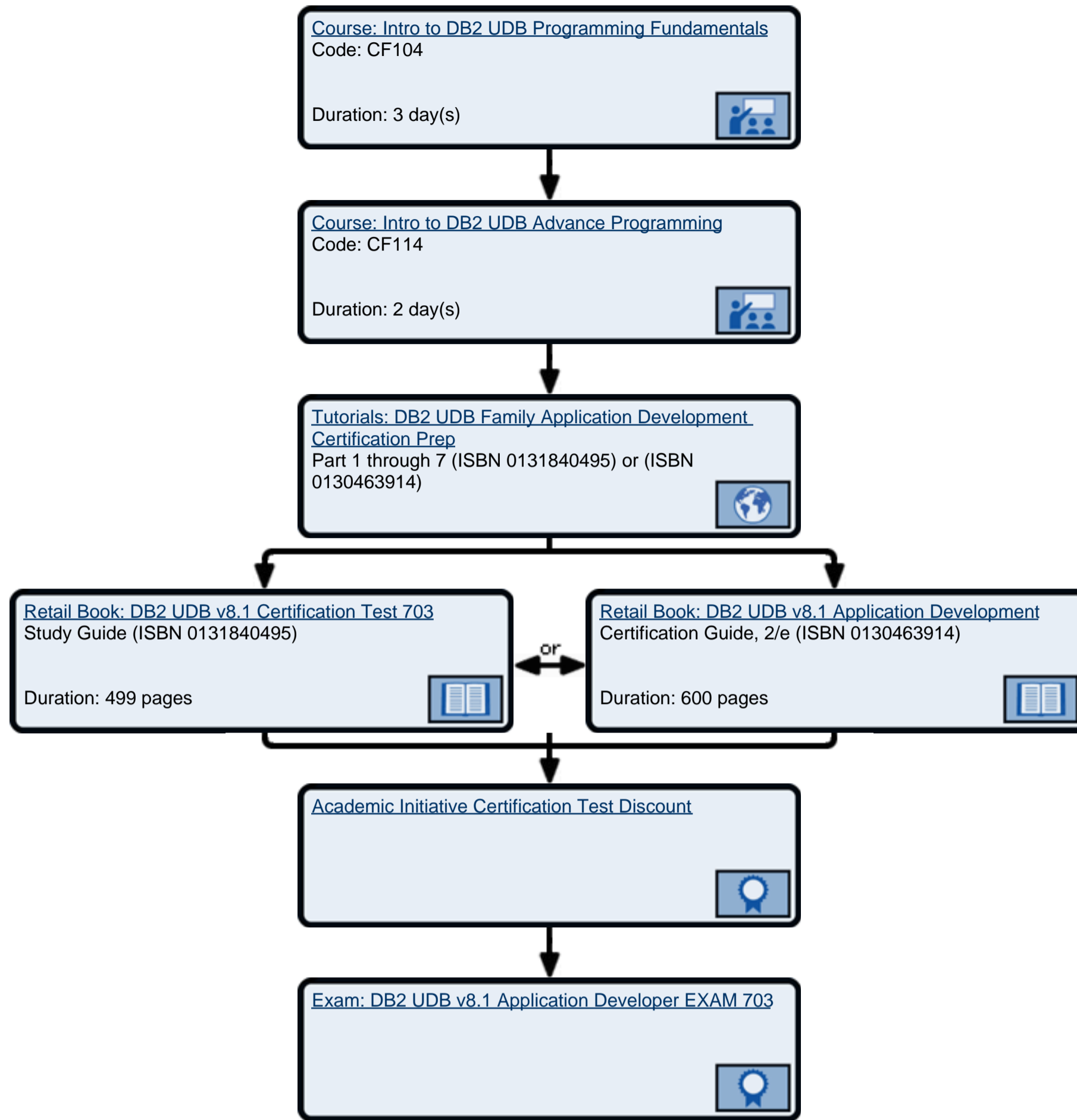
Understand industry information models



Database design and data modeling



Development skills



Supplemental Materials:

[Course: DB2 UDB using Java](#)
Code: CG11
Duration: 4 days

[Course: Generating & Integrating XML Content with DB2](#)
Code: CG121
Duration: 3 days

[Course: DB2 Stored Procedures Programming Wrokshop](#)
Code: CF710
Duration: 2 days

[Retail Book: DB2 SQL Procedural Language Guide](#)
(ISBN 0131007726)
Duration: 352 pages

Legend	
	Audio
	CD-ROM
	Certification
	Classroom
	Instructor led online
	Prerequisite
	Publication
	Teleconference
	Web-based