SQL Server Essentials – Learning Plan

This learning plan should help you progress forward through the lessons. Print this off and start working down the list. As you complete a step, you can check the checkbox and do some kind of celebration! It can be an inner dialog Attaboy, or a Starbucks, or some kind of reward. Whatever it is, it is very important to keep yourself excited to move forward.

The lessons are designed to build on each other, so as you progress, you will naturally reuse the knowledge from the previous lessons. When you make it all the way through, you will have increased your personal market value in whatever career path you choose!

Good Luck! And, know that you are already in the top 10% by simply getting this far in your quest for more knowledge

Foundation – Start Here! – Week 1

- ☐ **Download and Print this Learning Plan (This is an easy one!)**
- ☐ **Download and Install SQL Server Express 2012**
- ☐ **Install AdventureWorks 2012 Practice Database**
- ☐ **Install SqlTrainingOnlineSimpleDB Practice Database**
- ☐ **Download and Fill out the Pre-Training Assessment**
- ☐ **Download, Print, and Review the Vocabulary List**

Module 1 – Introduction to Databases – Week 1

- ☐ **Lesson #1 – Overview of Databases**
  - ☐ Watch Video
  - ☐ Review PowerPoint Presentation
  - ☐ Review Vocabulary and Exercises

- ☐ **Lesson #2 – SQL, How to Talk to Databases**
  - ☐ Watch Video
  - ☐ Review PowerPoint Presentation
  - ☐ Review Vocabulary and Exercises

- ☐ **Lesson #3 – Client Server Relationships Part 1**
  - ☐ Watch Video

- ☐ **Lesson #4 – Client Server Relationships Part 2**
  - ☐ Watch Video

- ☐ Review PowerPoint Presentation
- ☐ Review Vocabulary and Exercises

☐ **Review your vocabulary list to see if you know any more words. Check them off!**

Module 2 – Management Studio – Week 2

☐ Lesson #5 – Introduction to Management Studio Part 1
- ☐ Watch Video

☐ Lesson #6 – Introduction to Management Studio Part 2
- ☐ Watch Video
- ☐ Review PowerPoint Presentation
- ☐ Review Vocabulary and Exercises

☐ Lesson #7 – Database Objects Part 1
- ☐ Watch Video

☐ Lesson #8 – Database Objects Part 2
- ☐ Watch Video
- ☐ Review PowerPoint Presentation
- ☐ Review Vocabulary and Exercises

☐ Lesson #9 – Tables Part 1
- ☐ Watch Video

☐ Lesson #10 – Tables Part 2
- ☐ Watch Video
- ☐ Review PowerPoint Presentation
- ☐ Review Vocabulary and Exercises

☐ Lesson #11 – Creating Stuff Part 1
- ☐ Watch Video
- ☐ Review PowerPoint Presentation

☐ Lesson #12 – Creating Stuff Part 2
- ☐ Watch Video
- ☐ Review Vocabulary and Exercises

☐ Lesson #13 – Creating Stuff with Scripts Part 1
- ☐ Watch Video
- ☐ Review PowerPoint Presentation

- ☐ **Lesson #14 – Creating Stuff with Scripts Part 2**
  - ☐ Watch Video
  - ☐ Review Vocabulary and Exercises

- ☐ **Review your vocabulary list to see if you know any more words. Check them off!**

Module 3 – Writing SQL – Week 3

- ☐ **Lesson #15 – CRUD Part 1**
  - ☐ Watch Video
  - ☐ Review PowerPoint Presentation

- ☐ **Lesson #16 – CRUD Part 2**
  - ☐ Watch Video
  - ☐ Review Vocabulary and Exercises

- ☐ **Lesson #17 – Beginning Select Statements**
  - ☐ Watch Video
  - ☐ Review PowerPoint Presentation
  - ☐ Review Vocabulary and Exercises

- ☐ **Lesson #18 – Where Clause Part 1**
  - ☐ Watch Video

- ☐ **Lesson #19 – Where Clause Part 2**
  - ☐ Watch Video
  - ☐ Review Vocabulary and Exercises

- ☐ **Lesson #20 – Sorting**
  - ☐ Watch Video
  - ☐ Review PowerPoint Presentation
  - ☐ Review Vocabulary and Exercises

- ☐ **Lesson #21 – Column List Part 1**
  - ☐ Watch Video

- ☐ **Lesson #22 – Column List Part 2**
  - ☐ Watch Video
  - ☐ Review Vocabulary and Exercises

- ☐ **Lesson #23 – Group By**
  - ☐ Watch Video
  - ☐ Review Vocabulary and Exercises

- ☐ **Lesson #24 – Having Clause**
  - ☐ Watch Video
  - ☐ Review Vocabulary and Exercises

- ☐ **Lesson #25 – Joining Part 1**
  - ☐ Watch Video

- ☐ **Lesson #26 – Joining Part 2**
  - ☐ Watch Video
  - ☐ Review Vocabulary and Exercises

- ☐ **Review your vocabulary list to see if you know any more words. Check them off!**

Module 4 – Advanced Objects – Week 4

- ☐ **Lesson #27 – Views Part 1**
  - ☐ Watch Video
  - ☐ Review PowerPoint Presentation

- ☐ **Lesson #28 – Views Part 2**
  - ☐ Watch Video
  - ☐ Review Vocabulary and Exercises

- ☐ **Lesson #29 – Scripting with Variables Part 1**
  - ☐ Watch Video
  - ☐ Review PowerPoint Presentation

- ☐ **Lesson #30 – Scripting with Variables Part 2**
  - ☐ Watch Video
  - ☐ Review Vocabulary and Exercises

- ☐ **Lesson #31 – Stored Procedures Part 1**
  - ☐ Watch Video
  - ☐ Review PowerPoint Presentation

- ☐ **Lesson #32 – Stored Procedures Part 2**
  - ☐ Watch Video

- ☐ Review Vocabulary and Exercises

☐ **Lesson #33 – Functions Part 1**
- ☐ Watch Video
- ☐ Review PowerPoint Presentation

☐ **Lesson #34 – Functions Part 2**
- ☐ Watch Video
- ☐ Review Vocabulary and Exercises

☐ **Review your vocabulary list to see if you know any more words. Check them off!**

Module 5 – Advanced Database Concepts – Week 5

☐ **Lesson #35 – Security Part 1**
- ☐ Watch Video

☐ **Lesson #36 – Security Part 2**
- ☐ Watch Video
- ☐ Review PowerPoint Presentation

☐ **Lesson #37 – Security Part 3**
- ☐ Watch Video
- ☐ Review Vocabulary and Exercises

☐ **Lesson #38 – Backups Part 1**
- ☐ Watch Video

☐ **Lesson #39 – Backups Part 2**
- ☐ Watch Video
- ☐ Review PowerPoint Presentation
- ☐ Review Vocabulary and Exercises

☐ **Lesson #40 – Indexes Part 1**
- ☐ Watch Video

☐ **Lesson #41 – Indexes Part 2**
- ☐ Watch Video

☐ **Lesson #42 – Indexes Part 3**
- ☐ Watch Video
- ☐ Review PowerPoint Presentation

- ☐ Review Vocabulary and Exercises
- ☐ **Review your vocabulary list to see if you know any more words. Check them off!**

Next Steps

- ☐ **Review your vocabulary list. What words are left?**
- ☐ **Review your Pre-Training Assessment.**
  - ○ **Have those answers changed?**
  - ○ **What did you learn?**
- ☐ **Watch Next Steps Video**
- ☐ **You reached your goal.**
- ☐ **Celebrate!!!**
- ☐ **Set a new Goal. (If you think you are ready.)**

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