

# Course Addendum

Semester**: Summer 2021** Subject Code: **DBS501** Section**: A**

Subject Title: **Stored Procedures Using Oracle PL/SQL**

Professor: **Nebojsa Conkic** Office**:**

E-mail: **nebojsa.conkic@senecacollege.ca** Ext**.**

Office Hours**: Fridays from 12:30 till 1:30pm**

Approved by:

Kathy Dumanski, Chair, School of Software Design and Data Science

Please read this addendum to the general course outline carefully. It is your guide to the course requirements and activities.

Please refer to the course outline for learning outcomes, course description and text and materials.

Please also visit [ict.senecacollege.ca](https://seneca-my.sharepoint.com/personal/laura_ojanen_senecacollege_ca/Documents/Course%20Materials/ict.senecacollege.ca) for key information on courses, graduation requirements, transfer credit, and more from the School of Software Design and Data Science.

**Assessment Summary**

Assigns (2) 24%

Labs (min 5) 10%

Quizzes (min 2) 24%

Tests (2) 42%

## Course Policies

To obtain a credit in this subject, a student must:

* Satisfactorily complete all assignments
* Achieve a weighted average of 50% or better on Both Tests
* Achieve a grade of 50% or better on the overall course

**Academic Policies:**

<http://www.senecacollege.ca/about/policies/academics-and-student-services.html>

**TENTATIVE WEEKLY SCHEDULE**

**Semester - Summer 2021, Compressed Term – 6 weeks**

**DBS 501 - Stored Procedures Using Oracle PL/SQL Updated: May 04th, 2021**

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| **Week** | **Topic or Skill** | **Reading** | **Assessment** | **Weight** |
| **Week 1**  **May 17-21** | ***Course Objectives***  **Oracle12c Enterprise Edition review** *Introduction to PL/SQL using Oracle*  *Declaring PL/SQL Variables*  *Writing Executable Statements* | *Introduction*  Ch. 1  Ch. 2  Ch. 3 |  |  |
| **Week 2**  **May 24-28** | *Interacting with Oracle 11g Server*  *Writing Control Structures*  ***Conditional Logic***  ***Loops***  *Composite Data Types* | Ch. 4  Ch. 5  Ch. 6 | **Lab1 due**  **ASSIGNMENT 1 – Posted** | **2%** |
| **Week 3**  **May 31 - June 4** | *Using Explicit Cursors*  **Manual usage with 4 steps**  **Automatic usage** with FOR Cursor Loop  *Handling Exceptions*  **Trapping Pre-defined** Oracle Server Errors  **Trapping User-defined** Errors | Ch. 7  Ch. 8 | **Lab2 due**  **QUIZ1**  **ASSIGNMENT 1 Due** | **2%**  **12%**  **12%** |
| **Week 4**  **June 7-11** | *Creating Stored Procedures* | Ch. 2 (Vol2) | **Lab3 due**  **MID-TERM** | **2%**  **20%** |
| **Week 5**  **June 14-18** | *Creating Stored Functions*  *Creating Packages*  *Working with Packages* | Ch. 3 (Vol 2)  Ch. 4  (Vol 2)  Ch. 5  (Vol 2) | **Lab4 due**  **ASSIGNMENT 2 - Posted**  **QUIZ2** | **2%**    **12%** |
| **Week 6**  **June 21-25** | *Creating Database Triggers* | Ch. 9  (Vol 2) | **Lab5 due**  **ASSIGNMENT 2 – Due**  **FINAL TEST** | **2%**  **12%**  **22%** |
| **Study Week** | | | | |

**PLEASE RETAIN THIS DOCUMENT FOR FUTURE EDUCATIONAL AND/OR EMPLOYMENT USE.**