**Course ID: WEB-401**

**Term: Winter 2024**

**Professor: Tom Parastatidis tparastatidis@stclaircollege.ca**

**Course Syllabus: WEB-401 ‘Cloud Server Administration’**

**\* This document presents a learning plan and is subject to change. Ensure to attend class during scheduled time and check Blackboard page for this course for announcements and updates.\***

**15 - Week Course Syllabus**

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| **Week** | **Weekly Topics** | **Assignments** |
| **1** | Course Introduction and Introduction to Cloud Providers | Quiz 1 + Assignment 1 |
| **2** | Identify Management | IaaS Deployment Project / Case Study #1 Given Quiz 2 + Assignment 2 |
| **3** | Cloud Virtualization | Quiz 3 + Assignment 3 |
| **4** | Linux Management | Quiz 4 + Assignment 4 |
| **5** | Linux Automation | Quiz 5 + Assignment 5 |
| **6** | Midterm Review | Case Study #1 Due |
| **Week #7** | **Midterm Weighted 15%** |  |
| **8** | Cloud Storage | IaaS Deployment Project Due / PaaS Deployment  Project Given  Quiz 6 + Assignment 6 |

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| **9** | Cloud Networking | Case Study #2 Given Quiz 7 + Assignment 7 |
|  |  | March Break |
| **10** | Database Management | Quiz 8 + Assignment 8 |
| **11** | Deployment | Quiz 9 + Assignment 9 |
| **12** | Autoscaling | Quiz 10 + Assignment 10 |
| **13** | Serverless Servers | Case Study #2 Due  Quiz 11 + Assignment 11 |
| **14** | Final Exam Review | PaaS Deployment Project Due Quiz 12 + Assignment 12 |
| **Week #15** | **Final Exam Weighted 15%** |  |

**Evaluation Details:**

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| --- | --- |
| **MIDTERM** | **15%** |
| **MODULE ASSIGNMENTS** | **15%** |
| **IaaS DEPLOYMENT PROJET** | **15%** |
| **PaaS DEPLOYMENT PROJECT** | **15%** |
| **UNIT QUIZZES** | **10%** |
| **CASE STUDIES** | **15%** |
| **FINAL EXAM** | **15%** |
| **TOTAL  /100** |  |

**Late Procedure**:

* Missed Tests require prior contact or written confirmation for Learning Commons ‘make-up’.
* Late Papers & Project will be docked 20%/day without prior consent.

Academic misconduct, including cheating of any kind, will not be tolerated. Consequences may include but not be limited to a warning, a grade of 0 on the assignment / examination, or a failing grade in the course. (Code of Students' Rights and Responsibilities: Section 4.3 & 5.3). All students and employees of this College have a right to study and work in an environment that is free from harassment and discrimination.

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