**Department of Land Surveying and Geo-Informatics**

LSGI522 Spatial Data Acquisition

**Course : LSGI522 Spatial Data Acquisition**

**Lecturer : Wei Yao; email: wei.hn.yao@polyu.edu.hk**

**Tutors : Reda Fekry, MENG Yuan**

**Room : Lecture online and Practical ZN603a**

**Time : Tuesday and Thursday, 18:30-21:20**

**Session : 2020-2021 Semester 1**

**Class Schedule**

|  |  |  |  |
| --- | --- | --- | --- |
| **Week** | **Date** | **Lecture** | **Remarks** |
| 1 | 08 September | Introduction |  |
| 1 | 08 September | Datum and Coordinate systems |  |
| 2 | 15 September  | Conventional Surveying |  |
| 2 | 17 September | Photogrammetry and Remote Sensing  |  |
| 3 | 22 September | GNSS positioning  |  |
| 3 | 24 September | Laser Scanning |  |
| 4 | 29 September | Practical 1 – GPS | Tutors and RAs(**eventually subject to minor change**) |
| 5 | 06 October | Back-up date for Practical 1 |
| 5 | 08 October | Practical 2 – Photogrammetry |
| 6 | 13 October | Practical 3 – Remote Sensing |
| 6 | 15 October | Practical 4 – Laser Scanning |
| 7 | 20 October | Mid-term Test | Online  |
| 7 | 22 October | Map projection |  |
|  |  | Exam |  |

**Assessment**

30% - Practical session

30% - Mid-term Test

40% - Final Exam

Students do not require to pass both Continuous Assessment and Examination.

**Marking grade for examination, test, and practical:**

* Mark to grade
	+ F =< 37%
	+ D >= 38%, D+ >= 44%,
	+ C >= 50%, C+ >= 58%,
	+ B >= 65%, B+ >= 71%,
	+ A >= 75%, A+ >=85%
* Grade to grade point (PolyU scale)
	+ F = 0
	+ D = 1, D+ = 1.5
	+ C = 2, C+ = 2.5
	+ B = 3, B+ = 3.5
	+ A = 4, A+ = 4.5

Student will pass the subject if his/her overall continue assessment result is equal or above 38 (D grade).