## 2022-2023 Spring Semester Computer Science Syllabus IP9A

## International Department Hsinchu Campus

Week	Date	Chapter / Activity	Lesson
1	02/13-02/18 02/13 First Day of Semester 02/18 Make up for 02/27	CSD Unit 5 – Data and Society Chapter 1: Representing Information	Lesson 1: Representation Matters
2	02/20-02/24	CSD Unit 5 – Data and Society Chapter 1: Representing Information	Lesson 2: Patterns and Representation
<u>3</u>	02/27-03/03 02/27-02/28 Peace Memorial Day 03/04 PTC	CSD Unit 5 – Data and Society Chapter 1: Representing Information	Lesson 3: ASCII and Binary Representation
4	03/06-03/10	CSD Unit 5 – Data and Society Chapter 1: Representing Information	Lesson 4: Representing Images
5	03/13-03/17	CSD Unit 5 – Data and Society Chapter 1: Representing Information	Lesson 5: Representing Numbers
6	03/20-03/25 03/25 Make up for 04/03	CSD Unit 5 – Data and Society Chapter 1: Representing Information	Lesson 6: Combining Representations
7	03/27-03/31	CSD Unit 5 – Data and Society Chapter 1: Representing Information	Lesson 7: Keeping Data Secret
<u>8</u>	04/03-04/07 04/03-04/05 Children's Day & Tomb Sweeping Day	No school on April 5 <sup>th</sup> , 2023	
9	04/10-04/14	CSD Unit 5 – Data and Society Chapter 1: Representing Information	Lesson 8: Project – Create a Representation
10	04/17-04/21	CSD Unit 5 – Data and Society Chapter 2: Solving Data Problems	Lesson 9: Problem Solving and Data
11	04/24-04/28	CSD Unit 5 – Data and Society Chapter 2: Solving Data Problems	Lesson 10: Structuring Data Lesson 11: Interpreting Data
12	05/01-05/05	CSD Unit 5 – Data and Society Chapter 2: Solving Data Problems	Lesson 12: Making Decisions with Data Lesson 13: Automating Data Decisions
13	05/08-05/12	CSD Unit 5 – Data and Society Chapter 2: Solving Data Problems	Lesson 14: Problem Solving with Big Data
14	05/15-05/19	CSD Unit 5 – Data and Society Chapter 2: Solving Data Problems	Lesson 15: Data and Machine Learning
15	05/22-05/26	CSD Unit 5 – Data and Society Chapter 2: Solving Data Problems	Lesson 16: Project – Make a Recommendation
16	05/29-06/02	No class on May 31 <sup>st</sup> – G9 Graduation Trip	
17	06/05-06/09	CSD Unit 5 – Data and Society Chapter 2: Solving Data Problems	Lesson 16: Project – Make a Recommendation Course Wrap-up and Reflection
18	06/12-06/17 06/17 Make up for 06/23	Graduation Week	