St. Francis Xavier’s College  
2018/2019  
Computer Literacy  
Course Outline

Level: F.2  
Term: 1

<table>
<thead>
<tr>
<th>Topic / Main Theme</th>
<th>No. of cycles</th>
</tr>
</thead>
</table>
| **1** Chinese Character Typing  
  - Radicals and auxiliary shapes  
  - Coding Principles | 2 |
| **2** Spreadsheet Functions  
  - Sorting and Filtering  
  - Auto-filling  
  - Conditional Formatting  
  - Relative and Absolute Referencing  
  - Sum, Average, Max, Min, Count, If, Charts, | 2 |
| **3** Image Editing  
  - Basic Image Concept  
  - Basic Drawing Techniques and Text  
  - Cloning and Selection Techniques  
  - Image Transformation  
  - Effect Setting | 4 |
| **4** Individual Project: Image Editing  
  Written Exam: Chinese Typing | 1 |

Modes of Assessment and weighting:

<table>
<thead>
<tr>
<th>Modes</th>
<th>Regular Tests</th>
<th>Designated Assignments</th>
<th>Individual Project</th>
<th>Written Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weights</td>
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Term: 2

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| **1** Video Editing  
  - Scene and Recording Device  
  - Frame Rate, Bit Rate, Video Format  
  - Basic Effects | 3 |
| **2** Programming with Clickteam Fusion  
  - Frame concept, conditional branches and variables  
  - Variable counters  
  - Random generator and Layer | 3 |
| **3** Apps Programming  
  - Program Flow  
  - Iteration  
  - Concepts of modulation | 3 |
| **4** Group Project: Video Project  
  Individual Project: Game Production with Fusion | 1 |

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