St. Francis Xavier's College
2026/2027
Computer Literacy
Course Outline

Level: F.1

Term Seq.	Topic / Main Theme	Mode	No. of Lessons
1.1	Use of School Accounts - E-class - Gmail and Google Classroom - **Web search and safe web browsing*	Lesson	4
1.2	Introduction to Self-directed Learning - Chinese and English typing	SDL	1
1.3	Artificial Intelligence I - Introduction to AI - Machine Learning and Deep Learning	Lesson	5
1.4	Collaborative Productivity Software (I) - Cloud Storage - Google Docs - Canva with AI functionalities	Lesson	10
1.5	*#STEM Project I* - Introduction to the project - Design thinking	Lesson	2
1.6	Block Programming with Scratch I - Loops and Conditional Statements - Processing, input motions and Variables - Basic flowcharting - Motion simulation - Scene effect and sound control	Lesson	6
	● Assignment (10%): 1.3+1.4+1.6 ● Group Presentation (30%): Value Education with Canva ● Individual Project (40%): Scratch program for SMART goal ● SDL Tasks (20%): English Typing	Assessment	
2.1	Artificial Intelligence II - Computer Vision	Lesson	3
2.2	Introduction to Self-directed Learning - Blog or website building	SDL	1
2.3	GenAI Production - AI Canva, Apps and video	Lesson	2
2.4	Block Programming with Scratch II - Object cloning and user-defined function - Moving Scene Effects - Face and Pose Recognition	Lesson	6
2.5	*# STEM Project II* - Introduction of micro:bit - Programming for micro:bit - Variables - Functions - Conditional statement - Using sensors	Lesson + SDL	18

	● Assignment (10%): 2.3+2.4+2.5 ● Individual publication (20%): GenAI comic Book and video ● Group Project (70%): STEM Project ● Group Project (20%): Scratch II (Gesture message) ● SDL Task (10%): Blog/Web	Assessment	

Term 1 Modes of Assessment and weighting:

Modes	Group Project	Individual Project	Self-directed Learning	Assignment
Weights	30%	40%	20%	10%

Term 2 Modes of Assessment and weighting:

Modes	STEM Project	Individual publication	Self-directed Learning	Assignment
Weights	60%	10%	20%	10%

Remarks:
 # -- topics with STEM elements
** -- topics with NSEd elements*