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

Level: F.3

Term & Seq.	Topics / Main Theme	No. of lessons
1.1	Computer System - Basic Machine Organisation - Processing Units: CPU and GPU - Main Memory: RAM and ROM - Secondary Storage Devices - Input and Output Devices - System Software and Application Software	10 (single lessons)
1.2	AI and Python (I) - Daily Applications of AI, Python IDE - Variables, Assignment, Value Input - Speech-to-Text, Conditional Statements	16 (double lessons)
1.3	Generative AI and Digital Citizenship (I) - Use of GenAI, Prompts, Opportunities and Challenges Brought by GenAI, Career Plans - Follow-up Asking Techniques, Content Editing, Ethical Issues	4 (double lessons) + SDL
2.1	Internet Applications and Security - The Networking and Internet Basics - Wireless Network - Internet Services and Applications - Threats and Security on the Internet	10 (single lessons)
2.2	AI and Python (II) - Image Recognition, 2D Arrays, For Loop - Different Kinds of Machine Learning, Big Data, While Loop Open Data, API, List and Dictionary	16 (double lessons)
2.3	Generative AI and Digital Citizenship (II) - Image Generation, Concepts of Resolution and Aspect Ratio, Copyright Issues - Advanced Settings for Image Generation, Misuse of AI Image	4 (double lessons) + SDL

Term 1 Modes of Assessment and Weighing:

Modes	Regular Test	Homework Assignment	Dictation	Topic Warm-up Task	Examination
Weights	10%	10%	5%	5%	70%

Term 2 Modes of Assessment and Weighting:

Modes	Regular Test	Homework Assignment	Dictation	Topic Warm-up Task	SDL Task	Examination
Weights	10%	10%	5%	5%	5%	65%