Department:	Faculty of Information Technology
Course Name	Digital Signal Processing
Hours per week	3
Number of Credits	3
Course Description	The objective of the course is to train students understanding the principle of digital signal processing. The course covers basic signal and system concepts; analysis of time domain, frequency domain, complex frequency domain, and z-domain of signals and systems; Fourier transform and its properties, sampling theorem, Laplace transform, Z-transform and its use in the analysis of discrete-time signal and systems.