	National Yang Ming Chiao Tung University (NYCU)		
NYCU-01	Terahertz Systems		
NYCU-02	Digital Signal Processing for Communication Systems		
NYCU-03	Reliability and Failure Physics of Semiconductor Devices		
NYCU-04	Semiconductor Physics and Devices (I)		
NYCU-05	Digital Integrated Circuits		
NYCU-06	Semiconductor Material and Device Characterization		
NYCU-07	Introduction to Solid State Physics		
NYCU-08	Quantum Fluids and Cryogenics		
NYCU-09	Analog Circuit Design II		
NYCU-10	Advanced Compound Semiconductors and Their Applications		
NYCU-11	Semiconductor Optoelectronics		
NYCU-12	Semiconductor Processings		
NYCU-13	2D nanoelectronics: Materials, Physics, and Applications		
NYCU-14	Electrochemical Energy Storage Materials		
NYCU-15	Introduction to Monte Carlo Method: Simulation and Application		
NYCU-16	From Fundamentals of Semiconductor Devices to Nanometer-Scale CMOS		
	Transistors		
NYCU-17	Special Topics of Semiconductor Devices:Fabrication, Characterization, and		
	Applications		
NYCU-18	Selected Topics in Advanced Nano Electronics		
NYCU-19	Semiconductor Engineering		
NYCU-20	Mechanical Behaviours of Materials		
NYCU-21	Simulation of Electronic Devices and Basics of Quantum ATK		
NYCU-22			
NYCU-23	Electronic Devices and Low-frequency Noise		
NYCU-24	Introduction to Waveguides and Component Design		
NYCU-25	VLSI Digital Signal Processing		
NYCU-26	Semiconductor Physics and Devices (I)		
NYCU-27	Memory Circuits and System		
NYCU-28	More Than Moore Devices		
NYCU-29	Analog Circuit Design		
NYCU-30	Electron transport in low-dimensional systems and memories concepts		
NYCU-31	Introduction to Photovoltaics		
NYCU-32	Principles and Applications of Materials Characterization Techniques		
NYCU-33	Introduction to Radiation Effects in Electronics		
NYCU-34	Introduction to two-dimensional materials and systems		
NYCU-35	Frontier Research in Quantum Fluids - Helium Physics		
NYCU-36	Electrical Ceramics and Packaging Technology		
NYCU-37	Intro. to Compound Semiconductor Device & Process		
NYCU-38	Introduction to Amplifier Design for Radio-Frequency Communication Applications		

NYCU-39	Selected Topics in Low-Dimensional Electronic Devices
NYCU-40	Power semiconductor devices: Device design, Characteristics, and Reliability
NYCU-41	Advanced Electronic Materials Science & Engineering
NYCU-42	Radiation Effects in Electronics
NYCU-43	Advanced Compound Semiconductors and Their Applications
NYCU-44	Technology Management and Practice of System Engineering (SE)
NYCU-45	Semiconductor and Energy
NYCU-46	SEMINAR
NYCU-47	ACADEMIC DISSERTATION RESEARCH

National Tsing Hua University (NTHU)			
SEMICON	DUCTOR PHYSICS		
NTHU-01	The Introduction to Semiconductor Devices		
NTHU-02	VLSI Devices Pyhsics		
NTHU-03	Nano-Scale MOSFET Device Pyhsics		
NTHU-04	Three Dimensional MOSFET and Device Physics		
NTHU-05	Quantum Computation and Qubit Devices		
NTHU-06	MEMS System Design		
NTHU-07	Nanosystem Sensor and Actuation		
NTHU-08	Electronic Nano Biomedical Sensor		
NTHU-09	Semicon. Memory, Manufac. & App		
NTHU-10	Semiconductor Memories		
NTHU-11	Logic Non-volatile Memories		
NTHU-12	3D and Next Generation Memories		
NTHU-13	Artificial Neuromorphic Synapse and Memory Computing Device		
NTHU-14	CMOS Image Sensor		
NTHU-15	Semiconductor Light Detector and Circuit		
NTHU-16	Compound Power Semiconductor Devices		
NTHU-17	Semicondcutor Power Devices		
NTHU-18	Semiconductor Device Design		
NTHU-19	Semiconductor Device Measurement		
NTHU-20	Semicondcutor Device Design and Simulation		
SEMICONDUCTOR DESIGN			
NTHU-21	VLSI System Design		
NTHU-22	Timing Circuit Designs & Applications		
NTHU-23	VLSI Design		
NTHU-24	Computer Arithmetic		
NTHU-25	Memory Systems		
NTHU-26	Advanced Computer Architecture		
NTHU-27	Implementation of Many-Core Systems		

NTHU-28	Design tools
NTHU-29	Design automation
NTHU-30	VLSI Design for Manufacturability
NTHU-31	Advanced Digital Design and Verification
NTHU-32	FPGA Architecture & CAD
NTHU-33	Introduction to quantum computing
NTHU-34	VLSI Physical Design Automation
NTHU-35	VLSI Design Automation
NTHU-36	VLSI Testing
NTHU-37	Embedded Memory Circuit Design
NTHU-38	Analog Circuit Design
NTHU-39	VLSI Design
NTHU-40	RF IC Design
NTHU-41	Wireline Communication IC
NTHU-42	Biomimetic VLSI Design
NTHU-43	Analysis & Design of Microwave Circuits
NTHU-44	AI and Signal Processing
NTHU-45	Machine Learing
SEMICON	DUCTOR MATERIAL
NTHU-46	Kinetic Process of Materials
NTHU-47	Thermodynamics of Solid State
NTHU-48	Electrochemical Analytical Techniques and Applications
NTHU-49	Inspection and Analysis for Materials
NTHU-50	Instrumental Analysis and Lab.(II)
NTHU-51	Transmission Electron Microscopy
NTHU-52	Advanced Polymer Chemistry
NTHU-53	Molecular Engineering (I)
NTHU-54	IC metalsand conductors for IC
NTHU-55	2D materials
NTHU-56	Materials computation and simulations
NTHU-57	Molecular Dynamics Simulations
NTHU-58	materials for spintronics
SEMICON	DUCTOR PROCESS
NTHU-59	RET、Immersion、EUV Semiconductor Lithography
NTHU-60	Optical Proximity Correction
NTHU-61	Lithography Process and Control
NTHU-62	Scanner, track, & Metrology Equipment
NTHU-63	Lithography Mask
	Plasma Engineering & Applications
NTHU-64	
NTHU-64 NTHU-65	Microwave Engineering
NTHU-64 NTHU-65 NTHU-66	Microwave Engineering Thin Film Physics and Technologies

NTHU-68	Insp & Anals for Materials
NTHU-69	Analytical techniques for Materials Chemistry
NTHU-70	Synchrotron app in structural anal
NTHU-71	Nano-scale Optical Metrology & App
NTHU-72	Fundamental Mechanics of Electronic Packaging
NTHU-73	Optimum Structural Design
NTHU-74	Electronic Packaging technology & materials
NTHU-75	Reactive Ion Etching
NTHU-76	Ion Implantation
NTHU-77	Electron-Beam Inspection
NTHU-78	Chemical Vapor Deposition
NTHU-79	Atomic Layer Deposition

National Taiwan Normal University (NTNU)		
NTNU-01	Quantum Mechanics (I)	
NTNU-02	Quantum Mechanics (II)	
NTNU-03	Classical Electrodynamics (I)	
NTNU-04	Seminar	
NTNU-05	Introduction to Semiconductor Physics (I)	
NTNU-06	Introduction to Semiconductor Physics (II)	
NTNU-07	Modern Advanced Materials and Optoelectronics (I)	
NTNU-08	Modern Advanced Materials and Optoelectronics (II)	
NTNU-09	Solar Cells Principles and Practices	
NTNU-10	Topics on Two Dimensional Quantum Materials (I)	
NTNU-11	Topics on Two Dimensional Quantum Materials (II)	
NTNU-12	Introduction to Novel Nano-Materials	
NTNU-13	Introduction to Energy Materials	