## MUST Course Selection Guideline for International Cooperating Class for Academia and Industry Department of Electro-Optical Engineering

	Year I (2019)						Year II (2020)						Year III (2021)					
1st 2nd				1st 2nd			nd		( ' )	1st		21	2nd					
Course title semest seme				Course title	semest				Course title		semeste		semeste					
			hr.	Cr.	hr.			Cr.	hr.	Cr.	hr.			Cr.	hr.	Cr.	hr.	
	OPhysical Education	2	2	2	2		**Lab of Property Practice(I)	9	9				⊚Taiwanese Culture	2	2			
	OChinese Pinyin Pronunciation Practice	2	2				**Lab of Property Practice(II)			9	9		⊙Taiwanese Art	2	2			
	OChinese Listening Practice	2	2											2	2	2	2	
	OChinese Conversation Practice	2	2										○Fundamentals of Law			2	2	
	OChinese Reading and Comprehension	2	2										⊚Taiwanese Society			2	2	
С	OChinese Writing Practice	2	2			С						C	※Introduction to Modern Science	3	3			
	©Chinese Literature and Culture (I)(II)	3	3	3	3							, , , , , , , , , , , , , , , , , , ,		3	3		<u> </u>	
	⊚English(I)(II)	2	2	2	2									2	3			
	OPractice of Innovative and Creative			2	2							%Optoelectric Lab %Laser Engineering		1	3			
	⊚Ethics for Engineers			1	1											3	3	
	△Physics	3	3															
	△Applied Mathematics	2	2														<u>L</u>	
	*Basic Circuit Theory	2	2															
	△Computer Data Processing			1	3										Ш		<u></u>	
	※Introduction to Optoelectric Industry			2	2												<u> </u>	
	*Electronics Circuits			3	3												<u> </u>	
	«Electronics Lab(I)			2	3										ш		Щ.	
L				3	3	L						L			ш		<u> </u>	
L	Summation	24	24	21	24		Summation	9	9	9	9		Summation	15	18	9	9	
	Computer Aided Design Model and Engineering Drawings			2	2		Optoelectronics Technology 1	2	2				Solid State Lighting	3	3			
	Vacuum Technology			2	2		Optoelectronics Technology 2			2	2		Certification of Solid Design CAD and Product Design	3	3			
	Material Science and Engineering			2	2								Optical Thin Film and Coating Technology  Optoelectronic Semiconductor Manufacturing Technology		3			
	Introduction to Bio-Medical Engineering			2	2										3			
Е	Engineering Applied Mathematics			2	2	Е						Е	Taguchi Methods and Application	3	3			
													Optoelectronic Detection Engineering	3	3			
													Fiber engineering			3	3	
													Chromatics			3	3	
						П						1	Optoelectronic Device and Application			3	3	
						П						1	Solar Photovoltaic Technology			3	3	
1						П						1	Creative Design in Optoelectronics		oxdot	3	3	
						П						1	Computer-Aided Optical System Design		Ш	3	3	
													Computer-Assisted Design of Optical Thin Films			3	3	
						П						1	Flat Panel Display			3	3	
1						П						1	Nano Bio-Photonics			3	3	
													Technology of Organic Light-Emitting Diode Display			3	3	

Year IV (2022)									
		1	st	2nd semest					
	Course title	sen	nest						
		Cr.	hr.	Cr.	hr.				
С									
	Summation	0	0	0	0				
	Lab of Property Practice(III)	9	9						
	Lab of Property Practice(IV)			9	9				
	Project of Optoelectronics	2	2						
	Project of Optoelectronics			2	2				
Е									
_									

Item	Cr.	hr.
⊚General Education Courses	39	39
△Basic Professional Courses	6	8
*Required Professional Courses	42	46
Elective Courses	41	41
Total	128	134

## Remarks:

- 1.Minimum credits required for graduation: 128 credits including 87 compulsory credits, and at least 41 elective credits (including the interdepartmental elective credits).
- $\textbf{2.} Undergraduate \ students \ shall \ take \ 5-hour \ \ chinese \ tutoring \ courses \ (0 \ credits) \ in \ the \ first \ semester \ of \ the \ first \ academic \ year.$
- ${\bf 3}. Inter-departmental\ elective\ credits\ are\ transferable.\ Professional\ elective\ course\ credits\ shall\ not\ be\ fewer\ than\ 35.$
- $\textbf{4.} Of \textbf{f-campus practice courses: Lab of Property Practice} (\textbf{I)} (\textbf{III}) (\textbf{IV}), \textbf{1 credit requires 80 hours of of \textbf{f-campus practice courses.}}$
- 5. The elective courses listed in the tables are subejet to adaptation when necessary.