



		A. Einstein			Photoelectric
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		Stimulated emission			
		1960			C. Townes
	N. Basov		A. Prokhorov	1964	
			D. Gabor	1971	1981
		M. Bloembergen		A. Schawlow	
			1997		S. Chu
Phillips		C. Cohen-Tannoudji			W.
	1999		A. H. Zewail		

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MIT OpenCourseWare

<http://ocw.mit.edu/>

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100.2-100.7				
100.8-101.7				
101.8-104.7				



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Email yhtai@mail.nctu.edu.tw

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Email chichun@nctu.edu.tw

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50852
Email marklee@faculty.nctu.edu.tw



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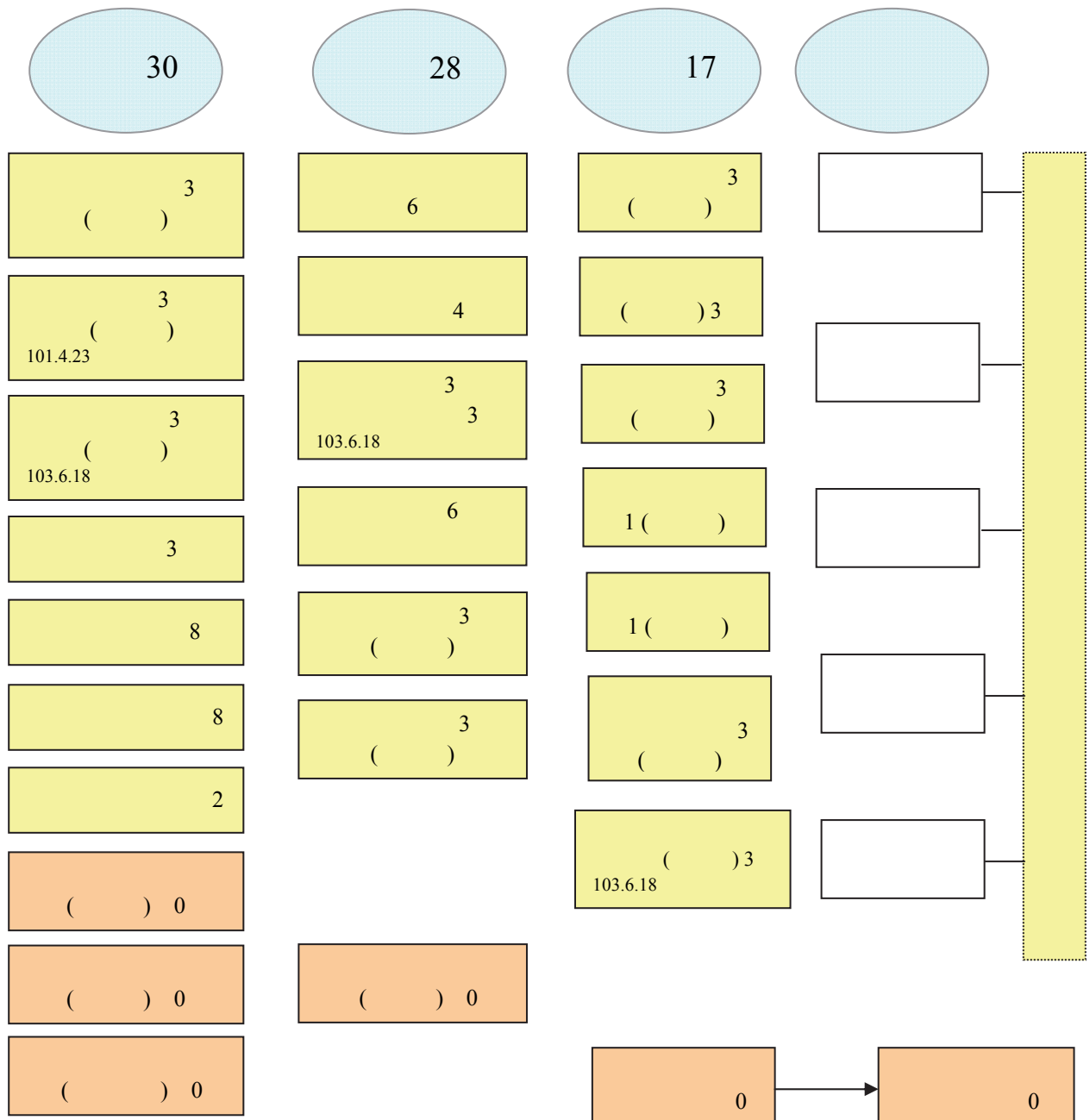
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Course Name	Credit	Grade 1		Grade 2		Grade 3		Grade 4		Note
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() () Physics(I)(II)	8	4	4							
() () Physics Labs.(I)(II)	2	1	1							
() () Calculus(I)(II)	8	4	4							
Introduction to Computer & Computer Science	3	3								
Circuit Theory	3		3							
() Chemistry(I)	3	3								
Photonics and Life	0	0								
() () Student Service Education(I)(II)	0		0	0						
() () Electronic(I)(II)	6			3	3					
() () Electronic Lab.(I)(II)	4			2	2					
Linear Algebra	9									
Differential Equations			3	3	3					
Complex Variables and Probability										
() () Electromagnetics(I)(II)	6			3	3					
() () Elements of Photonics(I)(II)	6			3		3				
() () Photonics Lab.(I)(II)	2					1	1			
() () () () Special Project of Phonics(I-IV)	0					0	0	0	0	
Modern Phycsis	3				3					
Optical Design,fabrication,testing & measurement	3						3			



Optoelectronic Semiconductor Physics and Device	3						3			
Optical Properties of Materials	3					3				
Signals and Systems	3					3				
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128										
The minimum of credits needed to graduate with a bachelor's degree of DoP is 128										

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Elements of Photonics (I)/(2)	6	Electromagnetism (1)/(2)	6
Optoelectronic Semiconductor Physics and Device	3	Modern Physics	3
Optical Design, fabrication, testing and measurement	3	() () Photonics Lab.(1)(2)	2
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