Contents

Preface

	110)		P480 111
1	Introduction		
	1.1	Conclusion	1
	1.2	A lecture	4
	1.3	The ingredients of a lecture	5
	1.4	Book motivation	6
	1.5	From a shy observer to an unorthodox lecturer – the stor	у
		of the author	7
2	The lecturing mindset		
	2.1	Motivating yourself	16
	2.2	Failing your way towards success	17
	2.3	Confronting your fears	18
	2.4	Re-channeling emotions	19
	2.5	Chapter summary	21
	2.6	Chapter checklist	22
3	Old school basics		23
	3.1	The internet generation audience	23
	3.2	Don't believe everything they tell you!	24
	3.3	Think before preparing	26
	3.4	Prepare and rehearse	26
	3.5	Chapter summary	28
	3.6	Chapter checklist	28
4	General lecturing principles		29
	4.1	Lecture effectiveness	29
	4.2	The narrow channel model	30

nage xi

	4.3	Be unique	32
	4.4	Be honest	34
	4.5	Be aware of your audience	35
	4.6	Connect with the audience	36
	4.7	Simplify and focus	38
	4.8	Remove any and all biases	40
	4.9	Care	41
	4.10	Understand before you lecture	42
	4.11	Chapter summary	43
	4.12	Chapter checklist	44
5	At the beginning of the lecture		
	5.1	The initial lack of attention	46
	5.2	Start running from the gate	48
	5.3	The 5 minute rule	49
	5.4	Over performing is better than under performing,	
		at least initially	51
	5.5	The review	52
	5.6	Chapter summary	53
	5.7	Chapter checklist	53
6	Things you should be aware of during the lecture		
	6.1	Noise levels	55
	6.2	Verbal feedback	57
	6.3	Visual feedback	58
	6.4	Attention span of the typical audience	59
	6.5	Chapter summary	61
	6.6	Chapter checklist	61
7	Effective tools/tricks to energize your lecture		
	7.1	Be sincere, confront your mistakes directly	63
	7.2	Maintain your command	66
	7.3	Democratic lectures	67
	7.4	Be on the offensive	71

	7.5	Breaks, jokes, and other fun distractions	74		
	7.6	Personalization	77		
	7.7	Chapter summary	78		
	7.8	Chapter checklist	79		
8	Cor	nmon mistakes that turn good lectures into			
	disa	sters	80		
	8.1	Overconfidence disguised as arrogance	80		
	8.2	Packing too much into the lecture	81		
	8.3	Misconnection with the audience	83		
	8.4	Misusing overhead slides and PowerPoint presentations	85		
	8.5	Chapter summary	90		
	8.6	Chapter checklist	91		
9	At the end of the lecture				
	9.1	Do not rush	92		
	9.2	Leave enough time for questions	94		
	9.3	Retain control until your last breath	94		
	9.4	Remember, the last coat of paint is the one that lasts	96		
	9.5	Chapter summary	98		
	9.6	Chapter checklist	98		
10	Th	ne art of academic lecturing	100		
	10.	1 The first lecture	100		
	10.	2 Tests and exams - to kill or not to kill	101		
	10.	3 Teaching assistants - the good, the bad, and the	103		
	10.	4 Multi-section lecturing issues	104		
	10.	5 Always remember the primary goal	105		
	10.	6 Post-lecture interactions	107		
	10.	7 Course load assessment	108		
	10.	8 Academic presentations	109		
	10.	9 Chapter summary	111		
	10.1	0 Chapter checklist	111		

11	Making lectures come to life through labs		
	11.1	The point of labs and practical experience	113
	11.2	The relation between lectures and labs	115
	11.3	What a lab should not be	116
	11.4	The Vranesic lab-lecture model	117
	11.5	Large scale labs	118
	11.6	Chapter summary	119
	11.7	Chapter checklist	120
12	Lecturing in non-academic contexts		
	12.1	The business presentation	121
	12.2	The perfect answer	123
	12.3	The acronym shield	124
	12.4	Fifteen minutes	126
	12.5	Professional lecturing	127
	12.6	Political speeches versus academic lectures versus	
		business presentations	128
	12.7	Chapter summary	129
	12.8	Chapter checklist	129
13	The mechanics of professional presentations		
	13.1	The classic model	131
	13.2	The shock model	137
	13.3	A hybrid approach	141
	13.4	Chapter summary	145
	13.5	Chapter checklist	146
14	Final words		
	14.1	Be persistent	148
	14.2	Don't force things that are not meant to be	150
	14.3	More art than science	151
	14.4	Most important of all	153
	About the Author		
	Index		