

1.	Name of Course	Multimedia Fundamentals													
2.	Course Code	PMF0101													
3.	Type of Course (e.g. : Core, major, elective etc.)	Core													
4.	Synopsis	The course aims to introduce the basic concepts of multimedia, gain hands-on experience in this area and exposed to web pages development that incorporating multimedia contents.													
5.	Version (State the date of theSenate's approval - previous and the current approval date)	Current: January 2018 Previous: December 2013													
6.	Name(s) of Academic Staff	Norwahida Syazwani Othman, Noramiza Binti Hashim													
7.	Semester and Year Offered	Trimester 2													
8.	Credit Value	4													
9.	Pre-Requisite	NIL													
10.	Objective of the course in the programme: To equip students with knowledge of multimedia elements andability to create multimedia contents and web pages.														
11.	Justification for including the course in the programme: To expose students to the fundamental concepts of multimedia elements and skills required for multimedia content and web development.														
12.	Course Learning Outcomes (CLO)														
	CLO1: Describe the various types of multimedia elements	Cognitive 2													
	CLO2: Develop multimedia contents using authoring tools	Cognitive 6													
	CLO3: Develop web pages incorporating multimedia contents	Cognitive 6													
	CLO4: Follow code of ethics in web design	Affective 3													
13.	Mapping of the Course Learning Outcomes to the Programme Learning Outcomes, Teaching Methods and Assessment:														
	Course Learning Outcomes (CLO) (Must tally with CLOs in item 12)	Programme Learning Outcomes (PLO)													
		P L O 1	P L O 2	P L O 3	P L O 4	P L O 5	P L O 6	P L O 7	P L O 8	P L O 9	P L O 10	P L O 11	P L O 12	Teaching Methods	Assessment Method
	CLO1	✓	✓											Lecture/ Tutorial/ Practical	Assignment, Term Test
	CLO2	✓	✓											Lecture/ Tutorial/ Practical	Lab Exercises, Assignment, Lab Test
	CLO3	✓	✓											Lecture/ Tutorial/ Practical	Lab Exercises, Assignment, Lab Test
	CLO4					✓		✓						Lecture/ Tutorial/ Practical	Assignment
	Total	3	3			1		1						Indicate the relevancy between the CLO and PLO by ticking "✓" the appropriate relevant box (This description must be read together with standards 2.1.2, 2.2.1, and 2.2.2 in Area 2 – pages 16 & 18 of COPPA 2.0)	
14.	Transferable Skills: Transferable Skill : Time Management, Communication, Critical Thinking How it is developed : Through class discussion and case study Assessment : Presentation and written report														
15.	Distribution of Student Learning Time (SLT)														
	Course Content Outline	**CLO		Teaching and Learning Activities Guided Learning (F2F)*				Guided Learning (NF2F)*		Independent Learning (NF2F)*		Total SLT			
				*L *T *P *O											
1	Introduction to Multimedia Benefits of using multimedia. Determining and evaluating multimedia products. Multimedia systems and components. Multimedia applications. Evolution of Multimedia PC.	1		4				4		4		8			
2	Multimedia Elements: Time Independent Basic elements of multimedia: text, graphics, image	1,2		2				6		4		20			
3	Multimedia Elements: Time Dependent Basic elements of multimedia: sound, animation, video	1,2		4				8		4		28			
4	Multimedia Design and Authoring Navigation structure. Storyboarding. Screen and interface design. Combining all multimedia elements	3,4		4				6		4		24			
5	Basic Web Development Basic HTML, Cascading Style Sheets (CSS), web development tools, incorporating multimedia into web pages. Code of Ethics for web design	3,4		4				8				24			
6	Multimedia Project Management Project planning, cost consideration, target audience, hardware and software consideration, testing and method of delivering, assembling multimedia team.	3		4						4		8			
												Total SLT		112	
SUMMATIVE ASSESSMENT															
1. Continuous Assessment												Percentage %		Total SLT	
Lab Exercises												10%		6	
Lab Test												30%		20	

	Assignments	40%	12
	Term Test	20%	10
	Total SLT for Continuous Assessment		48
	2. Final Assessment	Percentage %	Total SLT
	Final Exam	-	F2F ILT
	Total SLT for Final Assessment (F2F + NF2F)		0
	Grand Total	100%	160
	**Indicate the CLO based on the CLO's numbering in Item 12. *L= Lecture, *T= Tutorial, *P= Practical, *O= Others, F2F*= Face to Face, NF2F*= Non Face to Face		
16 .	Identify Special Requirement to Deliver the Course (e.g., software, nursery, computer lab, simulation room): Computer Lab, Graphics software, Audio software, Video software, Animation software and Web software		
17 .	Main References:		
18 .	Additional References: 1. Vaughan, T. (2011). Multimedia: Making it work (8th ed.). NY: McGraw Hill. 2. Jeffcoate (2001). Multimedia in practice – technology and applications. NJ: Prentice Hall. 3. Mohler, J.L. (2008). Macromedia flash 8 revealed (Deluxe ed.). USA: Cengage Learning. 4. Parekh, R (2006). Principles of Multimedia. Tata McGraw-Hill. 5. Wong, Y.-L. (2009). Digital media primer: Digital audio, video, imaging and multimedia programming. Upper Saddle River, NJ: Pearson Prentice Hall.		

Note:

Cells shaded light grey contain formulas / fixed values. Edit these formulas only if needed.