

Course Name	MULTIMEDIA APPLICATIONS	Course Code	ITEC-241		
Credit Hours	3	Contact Hours	Le c 2	Lab 2	Total 4
Offered as	<input type="checkbox"/> University Requirement <input type="checkbox"/> College Requirement <input checked="" type="checkbox"/> Program Requirement <input checked="" type="checkbox"/> Core <input type="checkbox"/> Elective <input checked="" type="checkbox"/> ITEC <input type="checkbox"/> COMP <input type="checkbox"/> CNET				
Level	4	Prerequisite	NIL		
Course Description: <p>This course is designed to provide the fundamental concepts and techniques of multimedia system components e.g., text, image, sound, animation, and video. Some of the key areas covered by the course are: Multimedia authoring and tools, hypertext and hypermedia content creation and delivery, media representations, user interfaces design and development, multimedia skills, animation principle, multimedia project requirements, planning, costing, designing, and producing, and recent trends in multimedia. The techniques and tools for producing, designing, and implementing interactive multimedia applications will also be covered. Students will be trained on a range of authoring, editing, and scripting tools for multimedia development.</p>					
Upon completion, the student will be able to: <ul style="list-style-type: none"> ◆ Understand fundamental multimedia building blocks, including Text, Image, Sound, Animation and Video. ◆ Develop the skills required for producing, editing and integrating the multimedia elements using authoring tools. ◆ Create interactive applications, through programming or scripting, particularly for the Web. 					
Assessment Methods	<input checked="" type="checkbox"/> Mid-term Exam <input checked="" type="checkbox"/> Assignment	15% 10%	<input checked="" type="checkbox"/> Lab Exam	20% <input checked="" type="checkbox"/> Final Exam	<input checked="" type="checkbox"/> Mini Project 15% 40%
Textbook: <ul style="list-style-type: none"> ◆ Multimedia: Making It Work, 9th Edition, by Tay Vaughan, McGraw-Hill Osborne Media, May 2014, ISBN:9780071832892 					
References: <ul style="list-style-type: none"> • Elements of multimedia, 1st Edition By Banerjee, Sreeparna , CRC Press, 2019, ISBN: 9780429433207 • Fundamentals of multimedia, 3rd Edition by Ze-Nian Li, Mark S. Drew, Jiangchuan Liu, Springer, 2021, ISBN: 9783030621230 					