



CURRICULUM

Bachelor of Science in Entertainment and Multimedia Computing (Specialized in Digital Animation)

Per CHED Memorandum Order No. 02 Series of 2014 and Based on CMO 20 Series of 2013

Effective 1st Semester 2023-24

FIRST YEAR

First Semester						Second Semester					
CODE	Pre-requisite	Description	LEC	LAB	Total Units	CODE	Pre-requisite	Description	LEC	LAB	Total Units
CC101	None	Introduction to Computing	3	0	3	CC103	CC102	Computer Programming 2	2	1	3
CC102	None	Computer Programming 1	2	1	3	EMC101	CC101	Freehand and Digital Drawing	2	1	3
GE4	None	Readings in Philippine History	3	0	3	GE1	None	Understanding the Self	3	0	3
GE11	None	The Entrepreneurial Mind	3	0	3	GE2	None	Mathematics in the Modern World	3	0	3
GE10	None	Environmental Science	3	0	3	GE3	None	Purposive Communication	3	0	3
GE9	None	Life and Works of Rizal	3	0	3	GE5	None	The Contemporary World	3	0	3
PE1	None	Physical Activities Toward Health and Fitness 1 (PATHFit 1): Movement Competency Training	2	0	2	PE2	PE1	Physical Activities Toward Health and Fitness 2 (PATHFit 2): Exercise-based Fitness Activities	2	0	2
NSTP1	None	National Service Training Program 1	3	0	3	NSTP2	NSTP1	National Service Training Program 2	3	0	3
SF1	None	Student Values Formation	0	1	1	SF2	SF1	Personality Development	0	1	1
TOTAL UNITS			22	2	24	TOTAL UNITS			21	3	24

SECOND YEAR

First Semester						Second Semester					
CODE	Pre-requisite	Description	LEC	LAB	Total Units	CODE	Pre-requisite	Description	LEC	LAB	Total Units
EMC201	CC103	Introduction to Game Design and Development	2	1	3	EMC202	CC104	Computer Graphics Programming	2	1	3
CC104	CC103	Data Structures and Algorithms	2	1	3	EMC203	CC105	Usability, HCI, and User Interaction Design	3	0	3
CC105	CC103	Applications Development and Emerging Technologies	2	1	3	EMC204	EMC201	Principles of 2D Animation	2	1	3
DA201	EMC101	Image and Video Processing	2	1	3	CC106	CC104	Information Management	3	0	3
GE6	None	Art Appreciation	3	0	3	DA202	DA201	Lighting and Visual Effects	2	1	3
GE8	None	Ethics	3	0	3	DA203	DA201	Modeling and Rigging	2	1	3
GE7	None	Science, Technology and Society	3	0	3	APC201	CC104	Quantitative Methods	3	0	3
PE3	PE1	Physical Activities Toward Health and Fitness 3 (PATHFit 3): Menu of Dance, Sports, Martial Arts, Group Exercise, Outdoor and Adventure Activities	2	0	2	PE4	PE1	Physical Activities Toward Health and Fitness 4 (PATHFit 4): Menu of Dance, Sports, Martial Arts, Group Exercise, Outdoor and Adventure Activities	2	0	2
SF3	SF1	Essential Study Skills	0	1	1	SF4	SF1	Stress Management	0	1	1
TOTAL UNITS			19	5	24	TOTAL UNITS			19	5	24

THIRD YEAR

First Semester						Second Semester					
CODE	Pre-requisite	Description	LEC	LAB	Total Units	CODE	Pre-requisite	Description	LEC	LAB	Total Units
EMC301	DA202	Audio Design and Sound Engineering	2	1	3	DA303	EMC303	Advanced 3D Animation and Scripting	2	1	3
EMC302	EMC203	Script Writing and Storyboard Design	3	0	3	DA304	EMC301	Advanced Sound Production	2	1	3
EMC303	EMC204	Principles of 3D Animation	2	1	3	DA305	DA301	Compositing and Rendering	2	1	3
EMC304	EMC203	Design and Production Process	3	0	3	DA306	DA302& EMC303	Animation Design and Production	2	1	3
DA301	DA203	Texture and Mapping	2	1	3	APC302	DA302	Introduction to Physics-Based Animation	2	1	3
DA302	EMC204	Advanced 2D Animation	2	1	3	APC303	APC301	Data Science and Analytics	2	1	3
APC301	CC106	Web Development	2	1	3	APC304	EMC202	Game Programming	2	1	3
GE14	None	Reading Visual Art	3	0	3	SF6	SF1	Career Planning and Selection	0	1	1
SF5	SF1	Elements of Self-Management	0	1	1						
TOTAL UNITS			19	6	25	TOTAL UNITS			14	8	22

SUMMER

CODE	PRE- REQUISITE	DESCRIPTION	LEC	LAB	Total Units
CAP 301	Completed 3 rd Year 2 nd Sem	Capstone Project and Research 1	3	0	3
APC 305	None	Social and Professional Issues	3	0	3
TOTAL UNITS			6	0	6

REGIONAL OFFICE II
DAVAO CITY
CONTENTS NOTED
RODRIGO S. PANGANTIHON JR.
EDUCATION SUPERVISOR II
7/24/23



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Effective 1st Semester 2023-24

FIRST SEMESTER			FOURTH YEAR			SECOND SEMESTER			LEC	LAB	Total Units
CODE	Pre-requisite	Description	LEC	LAB	Total Units	CODE	PREREQUISITE	Description	LEC	LAB	Total Units
APC 401	4 th Year Standing	ICT Seminar & Workshop	2	1	3	PRAC 401	Completed 4th Yr 1st Sem	Practicum	0	9	9
CAP 401	CAP 301	Capstone Project and Research 2	3	0	3						
DAElec 1	4 th Year Standing	EMC Elective 1	2	1	3						
DAElec 2	4 th Year Standing	EMC Elective 2	2	1	3						
DAElec 3	4 th Year Standing	EMC Elective 3	2	1	3						
		TOTAL UNITS	11	4	15			TOTAL UNITS			9

AARON JESS M. VERGARA, MIT
 BSEMC-Program Head/CITE Dean

DR. MELCHOR Q. BOMBEO
 Vice President for Academic Affairs

DR. FELIX C. CHAVEZ, JR.
 School President

