



# Faculty of Engineering And Technology

The Faculty of Engineering and Technology (FET) is one of Indonesia's leading schools of engineering and technology recognized for the quality of its programs, faculty and facilities. We offer a premier educational experience for success in competitive careers in computer science, information technology, and engineering. According to industry experts, our approach makes our graduates the most competitive in Indonesia.

## VISUAL COMMUNICATION DESIGN (NEW MEDIA)

The Visual Communication Design (New Media) program is a multidisciplinary program within the Faculty of Science and Technology that utilizes a core of design pedagogy coupled with technology-enhanced teaching and learning to produce graduates capable of creating interactive, digital, visual interfaces, audio-video, animation for a variety of applications and new media industries. The multidisciplinary nature of the program means that students will gain core knowledge in design, interactive creative programming, 2D/3D animation, motion graphics, audio/video production, Augmented and Virtual Reality authoring, and Transmedia storytelling, with introductions to business and entrepreneurship. This program's emphasis on project-based technologically driven learning incorporates collaborations between its students with students from other programs such as engineering and computer science

### Competencies to achieve:

- New Media Design And Development
- Digital Media Production
- Digital Audio Video Production and Editing
- 2D/3D Animation
- Motion Graphics Production
- Augmented And Virtual Reality Development
- Interactive Media Production
- Digital Illustration and Imaging
- Visual Effects and Compositing
- Motion Capture Technologies
- 3D Printing

### Career Pathways

- Digital Artists
- Videographer
- Film and Video Editors
- Graphic Designer
- Animator
- Interactive Media Designer
- Motion Graphic Artist
- Web Designer And Developer
- Content Creator
- Multimedia Artist
- Art Director
- Creative Director
- Social Media
- Specialist



# Curriculum | VISUAL COMMUNICATION DESIGN

## SEMESTER I

CODES	COURSE TITLE	CREDITS
GCOM1304	Composition I	3
GMAT1301	College Algebra	3
VCDD1402	Narrative Concepts And Storytelling	4
VCDD1301	The Origin of Design	3
GHUM1208	Bahasa Indonesia	2
GHUM1306	Arts: Fundamental of Drawing	3
	<b>Total</b>	<b>18</b>

## SEMESTER II

CODES	COURSE TITLE	CREDITS
GCOM1305	Composition II	3
VCDD1325	Digital Photography & Videography	3
VCDD1326	Design Thinking & Theory	3
VCDD1427	Computer Graphic Design	4
VCDD1328	Typography Fundamental	3
VCDD1229	Color & Material	2
GMAT1310	Statistics	3
	<b>Total</b>	<b>21</b>

## SEMESTER III

CODES	COURSE TITLE	CREDITS
GCOM1306	Introduction to Speech Communication	3
VCDD2330	Fundamental of Audio Video Production	3
GSCI1302	Introduction to Environmental Science	3
VCDD2431	3D for Design	4
VCDD2332	Visual Communication & Advertising (Elective)	3
GHUM1301	Pancasila	3
	<b>Total</b>	<b>19</b>

## SEMESTER IV

CODES	COURSE TITLE	CREDITS
VCDD4427	Web Design	4
GSOC2303	General Psychology	3
VCDD2433	Animation & Motion Graphics	4
GSCI1308	General Biology	3
GSCI1108L	General Biology Lab	1
VCDD2434	VFX & Compositing	4
VCDD2335	Media History	3
	<b>Total</b>	<b>22</b>

## SEMESTER V

CODES	COURSE TITLE	CREDITS
VCDD3436	Creative Coding	4
VCDD3437	UI/UX Design	4
VCDD3438	IoT in New Media	4
VCDD3439	Design Research Methodology	4
VCDD4328	Indonesian Wayang Studies (Elective)	3
	<b>Total</b>	<b>19</b>

## SEMESTER VI

CODES	COURSE TITLE	CREDITS
VCDD3340	Experimental Art & Design	3
VCDD3441	Game Design	4
VCDD3442	Design Entrepreneurship	4
VCDD3443	Augmented & Virtual Reality	4
BUSI1301	Basic Economic Issues	3
	<b>Total</b>	<b>18</b>

## SUMMER

CODES	COURSE TITLE	CREDITS
STEM4301	Internship	3
	<b>Total</b>	<b>3</b>

## SEMESTER VII

CODES	COURSE TITLE	CREDITS
VCDD4422	Collaborative Design	4
VCDD4423	Final Project 1	4
VCDD4344	Motion Capture (Elective)	3
GHUM1207	Kewarganegaraan	2
	<b>Total</b>	<b>13</b>

## SEMESTER VIII

CODES	COURSE TITLE	CREDITS
VCDD4421	Professional Practice Portfolio	4
VCDD4424	Final Project 2	4
GHUM1303	World Religion	3
	<b>Total</b>	<b>11</b>

**TOTAL CREDIT HOURS FOR DEGREE PROGRAM**

**144**

## VCD Electives

CODES	COURSE TITLE	CREDITS
VCDD2332	Visual Communication & Advertising	3
VCDD4328	Indonesian Wayang Studies	3
VCDD4344	Motion Capture (Elective)	3