



SURIGAO STATE COLLEGE OF TECHNOLOGY
Surigao City

MASTER IN INFORMATION TECHNOLOGY

Course Code	Descriptive Title	Units	Grades
I. Basic Courses (3 units)			
ICTFUN	IT and Programming Fundamentals (Non-credit) (Lecture)	3	
ICTRES	Research Methods (Lecture)	3	
II. Core Courses (18 units)			
ICT 201	Data Structures (Lecture & Lab)	3	
ICT 202	Computer Organization and Architecture (Lecture)	3	
ICT 203	Operating Systems (Lecture)	3	
ICT 204	Programming Languages (Lecture & Lab)	3	
ICT 205	Database Systems (Lecture & Lab)	3	
ICT 206	Systems Design and Development (Lecture)	3	
III. Elective Courses (18 units)			
ICT 207	Strategic IT Management (Lecture)	3	
ICT 208	Network Technologies (Lecture & Lab)	3	
ICT 209	Database Applications (Lecture & Lab)	3	
ICT 210	Object-Oriented Programming (Lecture & Lab)	3	
ICT 211	Web Applications (Lecture & Lab)	3	
ICT 212	Artificial Intelligence (Lecture & Lab)	3	
ICT 213	Mobile Computing (Lecture & Lab)	3	
ICT 214	Systems Security and Ethics (Lecture)	3	
ICT 215	Discrete Structures (Lecture & Lab)	3	
ICT 216	Multimedia Systems (Lecture & Lab)	3	
IV. Comprehensive Examination			
V. Project Study			
SPPROJ	Special Project (Lecture)	3	
TOTAL		42	

Notes:

- *ICTFUN is required for students who are advised to take it after taking the entrance ICT competency exam.*
- *ICTRES should be taken prior to SPPROJ.*
- *The comprehensive examination could be taken only after completing 30 units of coursework including all the core courses.*
- *SPPROJ should be taken only after passing the comprehensive examination.*