

**APPROVED**

## IT7405: Web Development with Non-Relational Databases

### Course Details

Course Code:	IT7405		
Course Title:	Web Development with Non-Relational Databases	APPROVED	
Short Title:	WebDev with NoSQL		
Course Level::	Level 7		
Valid From::	2020/2021 Sem 1		
Credits::	15		
Owner:	School of ICT		
Assessment Method:	Achievement		
Course Aim	To develop non-relational database centric business solutions utilising industry standard server side technologies. This includes full-stack development of web-based solutions; including front-end web-development technologies (HTML, CSS, JavaScript, etc.) and server-side technologies, namely, Python's Django Framework with non-relational databases.		

CILO	
On Completion of this course, the learner will be able to	
#	Learning Outcome Description
1	Demonstrate an advanced knowledge and understanding of the underlying architecture of a dynamic web application.
2	Develop non-relational data-driven web applications using a range of server-side and client-side technologies.
Requisites	
<ul style="list-style-type: none"> <li>• Pre Requisite: IT6012 Web-Fundamentals</li> <li>• Pre Requisite: IT6005 Database Systems 1</li> <li>• Pre Requisite: IT6008 Computer Programming 1</li> </ul>	

<b>Examinations</b>
<b>Assessment Type</b> Examination (Practical)
<b>Assessment Type</b> Examination (Practical)
No Other Controlled Assessments
<b>Uncontrolled Assessments</b>
<b>Assessment Type</b> Project (Group)

Affiliated Entities			
Entity Code	Entity Title	Entity Version	Entity Type
None			