

# Course Supervisors 2011

(W) = whole year      (1<sup>st</sup>) = first semester      (2<sup>nd</sup>) = second semester

## 100-Level

COSC110	Working in a Digital World	(1 <sup>st</sup> )	Tim Bell
COSC121	Introduction to Computer Programming	(1 <sup>st</sup> )	Andy Cockburn
ACIS125	Introduction to Programming with Databases	(1 <sup>st</sup> )	Nelly Todorova (ACIS)
COSC121	Introduction to Computer Programming	(2 <sup>nd</sup> )	Andy Cockburn
COSC122	Introduction to Computer Science	(2 <sup>nd</sup> )	Tim Bell

## 200-Level

COSC261	Foundations of Computer Science	(1 <sup>st</sup> )	Tad Takaoka
COSC262	Algorithms	(1 <sup>st</sup> )	Mukundan
COSC263	Introduction to Software Engineering	(1 <sup>st</sup> )	Neville Churcher
ENCE260	Computer Systems	(2 <sup>nd</sup> )	Michael Hayes (ECE)
COSC264	Data Communications & Networking	(2 <sup>nd</sup> )	Krys Pawlikowski/
COSC265	Relational Database Systems	(2 <sup>nd</sup> )	Tanja Mitrovic

## 300-Level

COSC325	Software Engineering Group Project	(W)	Brent Martin
COSC324	Advanced Software Engineering	(1 <sup>st</sup> )	Neville Churcher
COSC326	Database Management	(1 <sup>st</sup> )	Tanja Mitrovic
COSC327	Performance Modelling & Simulation	(1 <sup>st</sup> )	Krys Pawlikowski
COSC329	Algorithms and Artificial Intelligence	(1 <sup>st</sup> )	Wolfgang Kreutzer
COSC361 &ELEC361	Microprocessor Systems 1	(1 <sup>st</sup> )	Steve Weddell (ECE Dept)
COSC331	Data Communications & Networks	(2 <sup>nd</sup> )	Andreas Willig
COSC332 &COSC436	Data and Network Security	(2 <sup>nd</sup> )	DongSeong Kim
COSC363	Computer Graphics	(2 <sup>nd</sup> )	Mukundan
COSC365	Web Computing	(2 <sup>nd</sup> )	Brent Martin
COSC366	Research Project -Summer Nov 2011– Feb 2012		Mukundan

## **400-Level**

COSC401	Machine Learning	(1 <sup>st</sup> )	Brent Martin – Steve Webb
COSC407	Wireless and Mobile Network Security	(1 <sup>st</sup> )	K Pawlikowski – Harsha Sirisena
COSC411	Advanced Topics in HCI	(1 <sup>st</sup> )	Andy Cockburn
COSC420	Intelligent Tutoring systems	(1 <sup>st</sup> )	Tanja Mitrovic – Gordon McCalla
COSC422	Advanced Computer Graphics	(1 <sup>st</sup> )	Mukundan
COSC425	Computer and Network Forensics A	(1 <sup>st</sup> )	Andreas Willig – Steve Webb
COSC428	Computer Vision	(1 <sup>st</sup> )	Richard Green
COSC430	Information Security & Access Management	(1 <sup>st</sup> )	Andreas Willig – Milton Baar
COSC433	Computer Science Education	(1 <sup>st</sup> )	Tim Bell
COSC410	Simulation: Modelling and Analysis	(2 <sup>nd</sup> )	Krys Pawlikowski
COSC413	Advanced Topics in Algorithms	(2 <sup>nd</sup> )	Tad Takaoka
COSC415	Information and Software Visualisation	(2 <sup>nd</sup> )	Neville Churcher
COSC416	Mobile 3D Graphics	(2 <sup>nd</sup> )	Mukundan
COSC418	Wireless Ad-hoc and Sensor Networks	(2 <sup>nd</sup> )	Andreas Willig
COSC424	Secure Software	(2 <sup>nd</sup> )	Neville Churcher
COSC426	Augmented Reality	(2 <sup>nd</sup> )	Andy Cockburn – Mark B
COSC429	Cybersecurity	(2 <sup>nd</sup> )	DongSeong Kim
COSC435	Computer & Network Forensics B	(2 <sup>nd</sup> )	Tad Takaoka – Lei Pan
COSC473	Green Networking	(2 <sup>nd</sup> )	K Pawlikowski – Franc Davoli
COSC475	Independent Course of Study	S1, S2, W	
COSC486	Research Project – Summer 2011 -2012	Mukundan	

## **Other Courses Taught by Computer Science Staff**

ACIS125	Introduction to Programming with Databases	(1 <sup>st</sup> )	Nelly Todorova
STAR	7 <sup>th</sup> Form COSC121 and COSC122	(W)	Y Sundralingham (contact)
GIS405	GIS Programming and Databases	(S1)	Carl Cerecke