



2017 CAT AND IT TEACHER TRAINING CONFERENCE

DAY 1: (17 July)

Time Slot	Computer Lab 1 (30)	Computer Lab 2 (30)	Computer Lab 3 (30)	Classroom 1 (60)	Classroom 2 (60)
8h25 – 10h30	The STEM Classroom: How Microsoft can support great learning and Teaching 1	App Building Coding Basics (&7) 2	Developing eLearning Resources with Adobe Captivate (&28) 3	Elements of Teaching Programming 4	Computational Thinking: Innovation in the Classroom 5
Presenter	Microsoft	AppShed	Eva (Alchemy360)	Sieraaj Francis	Innovate South Africa
Subject	CAT and IT	CAT and IT	CAT and IT	IT	CAT and IT
TEA					
10h45 – 11h45	Teaching Advanced Excel 6	Robotics in Education: Robots controlled by Apps 7	Teaching HTML 8	Use of Tablets in Class 9	WCED ePortal Sharing resources 10
Presenter	TBC	AppShed	Adeleh Haricombe (CAT SA MNED)	TBC	Ismail Dout (eLearning)
Subject	CAT	CAT and IT	CAT	CAT and IT	CAT and IT
11h45 - 12H45	Professor Johannes Cronje (Dean: Faculty of Informatics and Design (CPUT): Active learning				
PLENARY					
LUNCH					
14h00 – 16h00	Intro Java Fundamentals: Software Dev Project (&26) 11	Power of Coding 12	Modular Programming 13	Office 365 for Education – Great Tools in one place 14	MOS Certification & Jasper Active 15
Presenter	Oracle	Code4CT	Shamiel Dramat, Lizet vdMerwe, others	Microsoft	NetLearn
Subject	CAT and IT	CAT and IT	IT	CAT and IT	CAT

Note: Where a session follows on with a later session, it is indicated by (&xx).



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DAY 2: (18 July)

Time Slot	Computer Lab 1 (30)	Computer Lab 2 (30)	Computer Lab 3 (30)	Classroom 1 (60)	Classroom 2 (60)
8h25 – 10h30	<i>Moodle in the Classroom</i> 16	<i>Developing Smartboard Applications</i> 17	<i>Building an Interactive Web Portal (&46)</i> 18	<i>App Building Coding Basics (&24)</i> 19	<i>Information Security</i> 20
Presenter	Warren Handel (Cel)	eLearning Advisors	I-CAN Genesis	AppShed (<i>in Lab4</i>)	IT Security Team (Cel)
Subject	CAT and IT	CAT and IT	CAT and IT	CAT and IT	CAT and IT
TEA					
10h45 – 11h45	<i>Teaching Databases</i> 21	<i>Use of Videos in Classroom</i> 22	<i>PAT in CAT</i> 23	<i>Robotics in Education: Robots controlled by Apps</i> 24	<i>Scenario-based revision of theory</i> 25
Presenter	Adeleh Haricombe (CAT SA MNED)	TBC	Estelle Goosen (CAT SA Overberg)	AppShed	IT Lead Teacher
Subject	CAT	CAT and IT	CAT	CAT and IT	IT
11h45 - 12H45	Mr Michael Goodman (Group Content Development Manager of Via Afrika) - The IT Teacher as Change Agent Jaye Hill Richards (Microsoft SA) Edu GoBig Programme Manager				
PLENARY					
LUNCH					
14h00 – 16h00	<i>Intro Java Fundamentals: Software Dev Project</i> 26	<i>From User Stories to Data Models</i> 27	<i>Developing eLearning Resources with Adobe Captivate</i> 28	Cape Town Traffic Management Centre (Field Trip) 29	
Presenter	Oracle	Donald Cook	Eva (Alchemy360)	Multiple Presenters for a 2-hour tour at the TMC.	
Subject	CAT and IT	IT	CAT and IT	CAT and IT	



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DAY 3: (19 July)

Time Slot	Computer Lab 1 (30)	Computer Lab 2 (30)	Computer Lab 3 (30)	Classroom 1 (60)	Classroom 2 (60)
8h25 – 10h30	Digital Pedagogy and 21st Century Skills (&35) 30	OneNote- Taking your classroom into the cloud 31	Setting CAT Practical Papers 32	Teaching with Minecraft 33	Non-computer-based Training 34
Presenter	Thinking Schools SA	Microsoft	Peter Davidson and Estelle Goosen (IM and CM Paper 1)	Computers4Kids	Jacques Louw and others
Subject	CAT and IT	CAT and IT	CAT	CAT and IT	IT
TEA					
10h45 – 11h45	Digital Pedagogy and 21st Century Skills 35	Teaching HTML 36	Use of QR Codes in Class 37	Date Functions in Excel 38	Information Security 39
Presenter	Thinking Schools SA	Adeleh Haricombe (CAT SA MNED)	Ighsaan Francis (SCP: CAT & IT)	Peter Davidson (CAT SA MCED)	IT Security Team (Cel)
Subject	CAT and IT	CAT	CAT and IT	CAT	CAT and IT
11h45 - 12H45	Dr Peter Beets (Deputy Director General: Curriculum and Assessment Management and Dr Craig Blewett (Thinking Schools SA: "How to use IT more effectively for active learning")				
LUNCH					
14h00 – 16h00	Cape Town Traffic Management Centre (Field Trip) 40				
Presenter	Multiple Presenters for a 2-hour tour at the TMC.				
Subject	CAT and IT				



2017 CAT AND IT TEACHER TRAINING CONFERENCE

DAY 4: (20July)

Time Slot	Computer Lab 1 (30)	Computer Lab 2 (30)	Computer Lab 3 (30)	Classroom 1 (60)	Classroom 2 (60)
8h25 – 10h30	<i>Google Classroom</i> 41	<i>From 1D to 2D – array programming in Delphi</i> 42	<i>Developing Smartboard Applications</i> 43	<i>Using Windows and Office for Special Needs Education</i> 44	<i>Information Security</i> 45
Presenter	Lindsay Wesner	Shamiel Dramat and others	eLearning Advisors	Microsoft	IT Security Team (Cel)
Subject	CAT and IT	IT	CAT and IT	CAT and IT	CAT and IT
TEA					
10h45 – 11h45	<i>Building an Interactive Web Portal</i> 46	<i>Google Classroom</i> 47	<i>Problem-solving with Minecraft</i> 48	<i>Exam Prep (Tips)</i> 49	<i>Mock-up GUI Design</i> 50
Presenter	I-CAN Genesis	Lindsay Wesner	Computers4Kids	Esmerelda Beukes (CAT SA West Coast)	Donald Cook
Subject	CAT and IT	CAT and IT	CAT and IT	CAT	IT
11h45 - 12H45	Lindsay Wesner (Senior Innovation Coach/CloudEd) Shannon Ryan (Oracle Academic Program Manager)				
PLENARY					
LUNCH					