

BACHELOR OF SCIENCE IN CONSTRUCTION ECONOMICS

BURGER, Hein De Wet
BVUMBI, Vuledzani
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MAGWAZA, Lusizo
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SICHONE, Paul George
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VAN NIEKERK, Leejay John
VAN VUUREN, Wilhelmus Johannes
VERMAAK, Dylan
VON SOLMS, Estiaan

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MAKURU, Kholofelo Dilatsi Nelly
MILES, Hayden Edward
REINECKE, Jayson Chris
VENTER, Michael Jacobus

BACHELOR OF SCIENCE IN CONSTRUCTION STUDIES

FIKA, Melissa Zimbini
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JULYAN, Bernitto Piva
KELLY, Donovan
KEOGH, Matthew Basil
MAHUMANI, Mikateko Hope
MANGA, Ashvin
MNCANCA, Sipho Vuyo
MPHIKWA, Nwabisa
MTSHOZENI, Nkululeko
MURPHY, Brendan Andrew
NGOBENI, Sams Pfikani
NKOE, Rethabile Samuel
ONYEKWULUJE, Kenechukwu Sylvia
SCHOLTZ, Waldo Armand
SHAIIDI, John Walter
SMITH, Jacques
THUSI, Sandile
TSHABALALA, Luvuyo

CUM LAUDE

BEALE, James Albert

BACHELOR OF TECHNOLOGY: CONSTRUCTION MANAGEMENT

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LEEUEW, Khaya Rowan

MANCOTYWA, Luyolo Athini Zibele
MANYATELA, Anam
MAVUYA, Vuyisile Sifiso
MDODANA, Babalwa Nonkqubo
MKUTSWANA, Vuyokazi Patience
MSONGELWA, Mphumzi
NDLEBE, Sikuvile
NDZUNGU, Kamvalethu
NKAYITSHANA, Sinelizwi Funeka
NOKWALI, Oyena
NORUWANA, Nondumiso Nosipho
NTAKA, Sylvia Sinazo
NTSHIBA, Peliwe Lizeka
OLWAGEN, Marnus
QUSHEKA, Siphokazi
SIBIYA, Hazel Gugulethu
SIKADE, Khanyile
SIYO, Nosipho Ruth
SOGCWAYI, Aviwe Nomvuyiso Princess
SOJI, Nandi Princess
TAPULA, Yanga
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VITSHIMA, Xolisile
WIGGETT, Robert Samuel

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EDMUNDS, Richard John

BACHELOR OF TECHNOLOGY: ENGINEERING: CIVIL

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RENS, Cornelia *(Urban Engineering)*

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SOKUTU, Asiphe Zuko
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DELPORT, Cornelis Johannes Linde
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MVAMBI, Lungisa Prince
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REDDY, Rushil
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SUFEYAN, Waseemah
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BACHELOR OF TECHNOLOGY: ENGINEERING: MECHANICAL

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MXHESHO, Okuhle
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ZIMELA, Luzuko

BACHELOR OF TECHNOLOGY: INFORMATION TECHNOLOGY

ASLAM, Fahad Zaheer (Software Development)
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BOOI, Asanda (Communication Networks)
BURN, Robert Charles Victor (Communication Networks)
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DOBELA, Dalukhanyo (Software Development)
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FUBA, Mesuli (Software Development)
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WEXU, Anele (Software Development)

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BUHLUNGU, Bonginkosi Joshua (Software Development)
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GWIJJ, Sanele (Software Development)
MACHAVE, Vusi Ernest (Software Development)
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MARAI, Shannon Bianca (Software Development)
MDINISO, Thandokazi (Software Development)
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NGWENYA, Sandile Naledi (Software Development)
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WISEMAN, Dean Andrew (Software Development)

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GOLIATH, Maxwell Leonard
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KEPE, Mkhusele
LEONARD, Neil

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MDLALO, Vuyolwethu
MGWALI, Lukholo
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NTUNJA, Phathiswa Gloria
PETA, Nomvuyo Portia
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PIKOLI, Fezile
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ZENGETWA, Thandile

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GELEM, Siseka
GODLOZA, Nopinki
GROOTBOOM, Vuyo Elliot
JEJU, Lwando Gibson
KAFAR, Shukry
KOYANA, Mzuvukile Headman
LEPHALLO, Onthatile
MAASDORP, Arthur John
MAFUMANA, Milisela Philela'Mampondo
MAZONDWA, Lindiwe Sonje
MKETILE, Tembeleni
MKHIZE, Innocent Nkanyiso
MPANDA, Ayema
MPONGOSHE, Xolani Ian
NTSEKE, Siphosethu
NTULO, Ntombenceba
QWANYAZA, Siyamdumisa Cinderella
SEGOPE, Shimi Michael
THEMBA, Simphiwe Paul
YAFELE, Mkululi
YANGAPI, Cebokazi

CUM LAUDE

TYOKOLO, Mnqweno

BACHELOR OF TECHNOLOGY: QUANTITY SURVEYING

BARNARD, Reuben Johan
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GONSLIN, Ruwaan Mark
GRAVEN, Earle Holm
HLALUKANA, Zinwe-Zenkosi
HOMENI, Sihlangule
HOOK, Peter Barend
JAKO, Vuyo
MADIKIZA, Ndiphiwe
MALOPE, Mpho
MAZOMBA, Afeziwe
MJAMBANE, Sisanda
MPANGWA, Lihle
MQAYI, Buhle
MTIMDE, Oyena
MUKHEIBIR, Cameron William
MYAKAYAKA, Joy Tsakani
NELL, Cameron Franklin
NGODWANE, Zonke Sinovuyo
NTLIKITHI, Zikhona
OKYNE, Bernice
PAPANA, Hlumelo
PHALENG, Lesego Mmetja Fortunate
PHOHLONGO, Ngazibini Zama
PRINGLE, Tristan Sean
PUTUMA, Sinovuyo
RAWLINS, Damian Michael
SHIDONDOLA, Nikanor Simaneka
SMITH, William Henry Thomas
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TSHEHLA, Tebogo Nkotoane
VACU, Sakumzi Sandisile
ZANGQA, Suthu Sizwe

CUM LAUDE

GROBLER, Christian Boshoff
JACOBS, Andries Johannes Stephanus
VAN DEN BERGH, Tristan

BACHELOR OF SCIENCE HONOURS IN CONSTRUCTION MANAGEMENT

QATA, Lutho

BACHELOR OF SCIENCE HONOURS IN QUANTITY SURVEYING

GROOM, Kurt Alex

MASTER OF ENGINEERING IN MECHATRONICS (RESEARCH)

OMOLO, Joshua

Title of dissertation:

MITIGATION OF SINGLE EVENT UPSETS IN A XILINX ARTIX - 7 FIELD PROGRAMMABLE GATE ARRAY

Supervisor: Prof F Smith

MASTER OF INFORMATION TECHNOLOGY (RESEARCH)

MILLS, Craig John

Title of dissertation:

A FRAMEWORK FOR THE INTEGRATION OF MOBILE TECHNOLOGY INTO ADVENTURE SPORT FOR THE PURPOSE OF INCREASING PARTICIPANT SAFETY

Supervisor: Dr BP Haskins

SCHARNICK, Nicholas Rodney

Title of dissertation:

GUIDELINES FOR THE PROTECTION OF STORED SENSITIVE INFORMATION ASSETS WITHIN SMALL, MEDIUM AND MICRO ENTERPRISES

Supervisor: Prof M Gerber
Co-supervisor: Prof LA Futcher

YEKELA, Odwa Siphokuhle Alfred

Title of dissertation:

TOPIC MAP FOR REPRESENTING NETWORK SECURITY COMPETENCIES

Supervisor: Prof K Thomson
Co-supervisor: Prof JF Van Niekerk

MASTER OF SCIENCE IN CONSTRUCTION MANAGEMENT (RESEARCH)

BASSON, Jean-Pierre

Title of dissertation:

THE USE OF BUILDING INFORMATION MODELLING AS A TOOL TO IMPROVE INFORMED DESIGN COMMUNICATION BETWEEN STUDENT AND LECTURER DURING CRITIQUE SESSIONS

Supervisor: Mr CJ Allen

MASTER OF SCIENCE IN THE BUILT ENVIRONMENT (COURSEWORK)

NEPHAWE, Tshilidzi

(Facilities Management)

Title of treatise:

FACILITIES MANAGEMENT AWARENESS AMONGST HIGH SCHOOL LEARNERS AND TEACHERS IN THE SOUTPANSBERG WEST CIRCUIT IN THE LIMPOPO PROVINCE

Supervisor: Prof NS Buys

PARAZEE, Viahn Mark

(Project Management)

Title of treatise:

THE INFLUENCE OF CONSTRUCTION PROJECT MANAGERS' EXPERIENCE ON PROJECT PERFORMANCE: THE CASE OF NELSON MANDELA BAY INFRASTRUCTURE PROJECTS

Supervisor: Prof WWM Shakantu

PAUROBALLY, Mohamad Ali Zeeshan
(Project Management)

Title of treatise:

PROJECT MANAGEMENT IN THE MAURITIAN CONSTRUCTION INDUSTRY

Supervisor: Prof WWM Shakantu

PHALANNDWA, Shonisani Aaron

(Project Management)

Title of treatise:

COST AND TIME OVERRUNS ON MPUMALANGA PROVINCE INFRASTRUCTURE PROJECTS

Supervisor: Prof WWM Shakantu

MASTER OF SCIENCE IN THE BUILT ENVIRONMENT (RESEARCH)

MAFUYA, Nomakhwezi

(Construction Health and Safety Management)

Title of dissertation:

CHALLENGES FACING THE STATE OF CONSTRUCTION HEALTH AND SAFETY MANAGEMENT PRACTICES WITHIN THE EASTERN CAPE: A CASE OF THE SARAH BAARTMAN DISTRICT

Supervisor: Prof JJ Smallwood

MASTER OF TECHNOLOGY: ENGINEERING: ELECTRICAL (RESEARCH)

VENTER, Clement

Title of dissertation:

THE EFFECT OF THE VAN STADEN WIND FARM ON THE POWER QUALITY OF RURAL DISTRIBUTION NETWORK

Supervisor: Prof PA Freere

Co-supervisor: Mr AG Roberts

THE DEGREE OF DOCTOR OF PHILOSOPHY IN CONSTRUCTION MANAGEMENT

BENVIOLENT CHIGARA

Previous qualifications:

2012 MSc Construction Project Management National University of Science and Technology

1999 BSc Honours degree in Rural and Urban Planning University of Zimbabwe

Thesis:

INTEGRATING SUSTAINABILITY PRINCIPLES IN CONSTRUCTION HEALTH AND SAFETY MANAGEMENT PRACTICES IN ZIMBABWE

This study investigated the integration of sustainability principles in construction health and safety (H&S) management in Zimbabwe. The findings indicate that inadequacies relative to procurement systems, construction management, designing for H&S, and financial provision for H&S, are the primary factors contributing to workers' exposure to hazards, and the occurrence of diseases, injuries, and fatalities. However, the financial and social ramifications of workplace injuries, which are exacerbated by inadequate compensation and reintegration of injured workers into the industry, diminish the capacity of workers to meet their present and future needs. The development of a sustainability framework for construction H&S, as a strategy to improve H&S practices in Zimbabwe, and the validation thereof, resulted in a significant contribution to the related body of knowledge.

Supervisor: Prof JJ Smallwood

THE DEGREE OF DOCTOR OF PHILOSOPHY IN CONSTRUCTION MANAGEMENT

PATRICIA OMEGA KUKOYI

Previous qualifications:

2010 MSc. Construction Management

University of Lagos, Nigeria

2005 BSc. Building

University of Jos, Nigeria

Thesis:

A FRAMEWORK FOR IMPROVING CONSTRUCTION WORKERS' HEALTH AND SAFETY PRACTICES IN LAGOS, NIGERIA

This study determined how the systems thinking approach will mitigate unhealthy and unsafe construction practices in Lagos, Nigeria, by developing interventions and a framework for improved practices. The findings from the study reveal that there is inadequate consideration for health and safety during the design, procurement, and construction stages of construction projects. Built environment education and training, clients, construction project managers, designers, quantity surveyors, contractors, government, the regulatory system, professional associations, the organisation, the individual, and the work environment have an impact on health and safety work practices. The findings highlight the need for the adoption of a holistic approach to facilitate improvement in health and safety practices on construction sites. Accordingly, all construction stakeholders are responsible for workers' health and safety practices on construction sites.

Supervisor: Prof JJ Smallwood
Co-supervisor: Prof FA Emuze

THE DEGREE OF DOCTOR OF PHILOSOPHY IN CONSTRUCTION MANAGEMENT

XABISO SIDLOYI

Previous qualifications:

2003	Bachelor of Building Arts	University of Port Elizabeth
2005	Master of Architecture (Professional)	University of Port Elizabeth
2008	Master of Science (Built Environment)	Nelson Mandela Metropolitan University

Thesis:

AN INVESTIGATION INTO THE PERCEPTION OF LEAN PROCESS MANAGEMENT IN EASTERN CAPE CONSTRUCTION DESIGN AND PRODUCTION

Contributory reasons for the decline in the annual production rate of the South African construction industry are the poor management of the design and construction processes, and the high level of non-value adding activities, which result in poor constructability, poor health and safety (H&S), cost overruns, schedule delays, rework, and dissatisfied clients, designers, and workers. The research sought to determine whether the adoption of lean manufacturing processes and strategies could contribute to solving the problem of poor performance and the impact of non-value adding activities on projects in the Eastern Cape construction industry. The development of a ten-stage project model relative to three categories of strategies, based upon the testing of a range of hypotheses, and the validation thereof, has made a significant contribution to the related body of knowledge.

Supervisor: Prof JJ Smallwood