UIVERSITY OF PRETORIA

DEPARTMENT OF MATHEMATICS AND APPLIED MATHEMATICS

APPLICATION FOR PART TIME POST 2019

**TEACHING ASSISTANT**

*PLEASE PRINT LEGIBLY*

|  |  |  |
| --- | --- | --- |
| SURNAME |  | TITLE: |
| FULL NAMES |  | |
| FIRST NAME |  | |

|  |  |
| --- | --- |
| ID NUMBER (non-citizens: Passport number) |  |
| STUDENT NUMBER |  |

|  |  |
| --- | --- |
| RESIDENTIAL ADDRESS  (during academic year) | HOME ADDRESS |

|  |  |
| --- | --- |
| CELL PHONE NUMBER(S) |  |
| E-MAIL ADDRESS(ES)  **You must have an e-mail address** |  |

|  |  |
| --- | --- |
| Degree course and study year **in 2018** |  |
| Degree course and study year **in 2019** |  |

|  |  |
| --- | --- |
| Are you willing to work at the Mamelodi campus? (Yes/No)  There is a shuttle service to the campus. |  |
| Are you willing to work at the Groenkloof campus? (Yes/No) |  |

|  |  |  |  |
| --- | --- | --- | --- |
| HOW MANY HOURS PER WEEK DO YOU WANT TO WORK IN 2019? (Encircle) | 6 | 9 | 12 |

|  |  |
| --- | --- |
| IF YOU HAVE WORKED AT **UP** BEFORE, AT WHAT DEPARTMENT? |  |

|  |  |
| --- | --- |
| SIGNATURE: | DATE: |

**SEE OVERLEAF**

|  |
| --- |
| **INITIALS AND SURNAME*: ………………………………………………………………………*** |

**UNDERGRADUATE ACADEMIC RECORD:**

Please complete below **OR** attach a complete updated academic record*.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **CODE** | **MODULE** | **Year passed** | **Final mark** | **Current**  **modules** | **CODE** | **MODULE** | | **Year passed** | **Final mark** | **Current**  **modules** |
| **FIRST YEAR MODULES** | | | | | | | | | | |
| WTW 114 | Calculus 114 |  |  |  | WTW 146 | | Linear algebra 146 |  |  |  |
| WTW 115 | Discrete structures 115 |  |  |  | WTW 148 | | Calculus 148 |  |  |  |
| WTW 123 | Numerical analysis 123 |  |  |  | WTW 152 | | Mathematical modelling 152 |  |  |  |
| WTW 124 | Mathematics 124 (new) |  |  |  | WTW 153 | | Calculus 153 |  |  |  |
| WTW 126 | Linear algebra 126 (old) |  |  |  | WTW 154 | | Finite mathematics 154 |  |  |  |
| WTW 128 | Calculus 128 (old) |  |  |  | WTW 158 | | Calculus 158 |  |  |  |
| WTW 133 | Precalculus 133 |  |  |  | WTW 161 | | Linear algebra 161 (old) |  |  |  |
| WTW 134 | Mathematics 134 |  |  |  | WTW 162 | | Dynamical processes 162 |  |  |  |
| WTW 143 | Calculus 143 |  |  |  | WTW 164 | | Mathematics 164 (new) |  |  |  |
| WTW 144 | Calculus 144 |  |  |  | WTW 168 | | Calculus 168 (old) |  |  |  |
| **SECOND YEAR MODULES** | | | | | | | | | | |
| WTW 211 | Linear algebra 211 |  |  |  | WTW 256 | Differential equations 256 | |  |  |  |
| WTW 218 | Calculus 218 |  |  |  | WTW 258 | Calculus 258 | |  |  |  |
| WTW 220 | Analysis 220 |  |  |  | WTW 263 | Numerical methods 263 | |  |  |  |
| WTW 221 | Linear algebra 221 |  |  |  | WTW 264 | Differential equations 264 | |  |  |  |
| WTW 238 | Mathematics 238 |  |  |  | WTW 285 | Discrete structures 285 | |  |  |  |
| WTW 248 | Vector analysis 248 |  |  |  | WTW 286 | Differential equations 286 | |  |  |  |
| **THIRD YEAR MODULES** | | | | | | | | | | |
| WTW 310 | Analysis 310 |  |  |  | WTW 382 | Dynamical systems 382 | |  |  |  |
| WTW 320 | Analysis 320 |  |  |  | WTW 383 | Numerical analysis 383 | |  |  |  |
| WTW 354 | Financial engineering 354 |  |  |  | WTW 386 | Partial differential equations 386 | |  |  |  |
| WTW 364 | Financial engineering 364 |  |  |  | WTW 387 | Continuum mechanics 387 | |  |  |  |
| WTW 381 | Algebra 381 |  |  |  | WTW 389 | Geometry 389 | |  |  |  |
| **INSURANCE AND ACTUARIAL MODULES** | | | | | | | | | | |
| IAS 211 | Actuarial mathematics 211 |  |  |  | IAS 361 | Insurance and actuarial applications 361 | |  |  |  |
| IAS 221 | Actuarial mathematics 221 |  |  |  | IAS 382 | Actuarial modelling 382 | |  |  |  |
| IAS 282 | Financial mathematics 282 |  |  |  | AKM 705 | Actuarial mathematics 705 | |  |  |  |

# LANGUAGE SKILLS AND EXPERIENCE: DESCRIBE YOUR ABILITY REGARDING THE FOLLOWING:

|  |  |  |
| --- | --- | --- |
|  | Yes / No | Describe |
| Grading of **English**  papers & projects |  |  |
| Presentation of tutorial (practical) classes  in **English** |  |  |
| Can you present a tutorial class or grade tests in any other South African language? For example in Afrikaans or Sepedi?  Give details below. | | |
| **Previous experience** in terms of teaching, grading, extra classes, etc. Give details below. | | |
|  | | |