

Advanced Diploma in Industrial Design

2018

PURPOSE OF THE PROGRAMME
Students are able to advance their own skills, knowledge and competencies obtained in NQF 6 industrial design training by independently solving industrial design problems within the local formal or informal sectors in order to design and develop new products for local and /or international markets. The study at this level is conducted from a cooperative working relationship within a development group, the members of which may come from marketing, engineering, manufacturing, research and development, software development, or other professions. The ability to function and independently manage the design process as part of a multidisciplinary team is therefore essential. The qualifying undergraduate student should therefore be capable of integrating, interpreting and applying knowledge from a range of disciplines to respond to changing technologies, materials and social environments to design specific products solutions selected from diverse fields of business. The qualification also provides an essential background for industrial design specialisation studies that support design and research activities within the tertiary training community.

How do I apply?
In order to be considered to study in 2018, you must complete all four of these steps by the set deadlines:

1. Meet the minimum academic requirements.
2. Submit an ONLINE TUT application form. The deadline is 31 July 2017.
3. Submit a portfolio to the Department of Mechanical Engineering, Mechatronics and Industrial Design in Room 340, Building 2. The deadline is the end of September 2017.
4. Register in January 2018 at Building 2.

Admission requirement(s) and selection criteria:
A National Diploma: Three-Dimensional Design, Diploma in Industrial Design, Bachelor Degree Industrial Design or an NQF Level 6 qualification in Industrial Design obtained from an accredited South African university with an average of 60% or more. Students not meeting this requirement will be evaluated by the department and may be requested to provide an additional portfolio of relevant work experience in order to be considered for selection.

National Diploma: Three-Dimensional Design and Diploma Industrial Design students at TUT who are busy with their final year may be considered based on the average of their final-year mid-year portfolio assessment, but admission will be subject to the successful completion of the National Diploma: Three-Dimensional Design or Diploma in Industrial Design and the Faculty's Student Enrolment Plan (SEP).

Holders of any other equivalent South African or foreign qualifications may also be considered, but they will have to apply in advance (± six months) for recognition of this qualification. Foreign students will be required to submit an evaluation from the South African Qualifications Authority (SAQA) of their qualification. The Department of Mechanical Engineering Mechatronics and Industrial design and the Faculty of Engineering and the Built Environment reserves the right to assess these qualifications and the applicant's suitability for admission to the programme. Depending on the nature of such an equivalent qualification, the completion of certain additional subjects may be required.

Selection criteria:
Due to capacity constraints, candidates will be selected based on the quality of the portfolio submission, academic performance and/or work experience. Selection will be done after the closing date for applications. Please note that meeting the minimum requirements does not guarantee admission.

Minimum duration:
One year

Presentation:
Day classes. Classes and assessments may take place on Friday afternoons and Saturdays.

Intake for the qualification:
January only

Step 1 – Admission form
Complete a TUT application form for admission. Deadline for applications: 31 July 2017.
The Tshwane University of Technology application form for admission is available at http://www.tut.ac.za/ or Building 21, Pretoria Campus.

Step 2 – Prepare and submit a portfolio
Please take note that all the work in the portfolio must be your own. No copying of information or work will be allowed. Evidence of copying will lead to disqualification of your portfolio and application.

Portfolio contents (Use landscape format; the page size is your choice):

Page 1
Cover page with your surname and first names, cell phone numbers, age.

Page 2
Certified copy of your academic record from tertiary institution, including the NQF 6 qualification giving access to this advanced diploma course. You can include other studies, work experience. Declaration that the portfolio is your own work.

Page 3 onwards
Page 3 onwards should contain a portfolio of evidence that demonstrates your skill as an Industrial Designer. The work presented may include projects completed at tertiary institutions and design work you have completed in commercial practice. The work should cover your skill set, which includes freehand conceptual drawing and rendering, computer aided design two and three-dimensional and the use of digital images. The portfolio should include evidence of your design process, block modelling, prototypes, material and manufacture process selection and the commercial justification for design projects.

Submission of portfolio: ***The deadline for portfolio submission is the last working day of September 2017. You can submit your portfolio in person or by secure postal mail.***

In person:
Submit the portfolio at the Pretoria Campus, Department of Mechanical Engineering, Room 340, Building 2.
Attention: Mr C Duff.

Postal address: (Make sure that your posted mail has ample time to reach us before the deadline of 29 September 2017 as no late portfolios will be considered).
Attention: Mr C Duff
Tshwane University of Technology
Department of Mechanical Engineering, Mechatronics and Industrial Design
Building 2, Room 340
Private Bag X680
Pretoria
0001

Step 3 – Outcome of portfolio assessment
All portfolios submitted on time will receive a response by the last working day of October via the programme webpage. Possible responses will be: Accepted; Waiting list; Not accepted. **Please note that the decision of the portfolio assessment is final and no correspondence regarding the outcome will be allowed.**

ADVANCED DIPLOMA IN INDUSTRIAL DESIGN
Course code: ADIN18

FOURTH YEAR

CODE	SUBJECTS
PDE407D	Product Design IV
DST407D	Design Studies IV



COST OF FIRST YEAR OF STUDY
Approximately R26 000.00

ENQUIRIES
Department of Mechanical Engineering, Mechatronics and Industrial Design
Tel:012 382 5162/4282
E-mail: duffca@tut.ac.za
www.idattut.com
www.tut.ac.za/goto/id
https://www.facebook.com/tutindustrialdesign
https://twitter.com/idattut
http://www.tut.ac.za/Students/facultiesdepartments/ebe/dept/ID/Pages/default.aspx
https://www.facebook.com/TUTEngineeringFaculty
https://twitter.com.TUTEngineering

Please note that at time of publication, this information was correct but Tshwane University of Technology reserves the right to amend all or any information without prior notification.

04/05/2017

Tshwane University of Technology
We empower people

Faculty of Engineering and the Built Environment

Department of Mechanical Engineering, Mechatronics and Industrial Design
Advance Diploma in Industrial Design
Pretoria Campus

2018