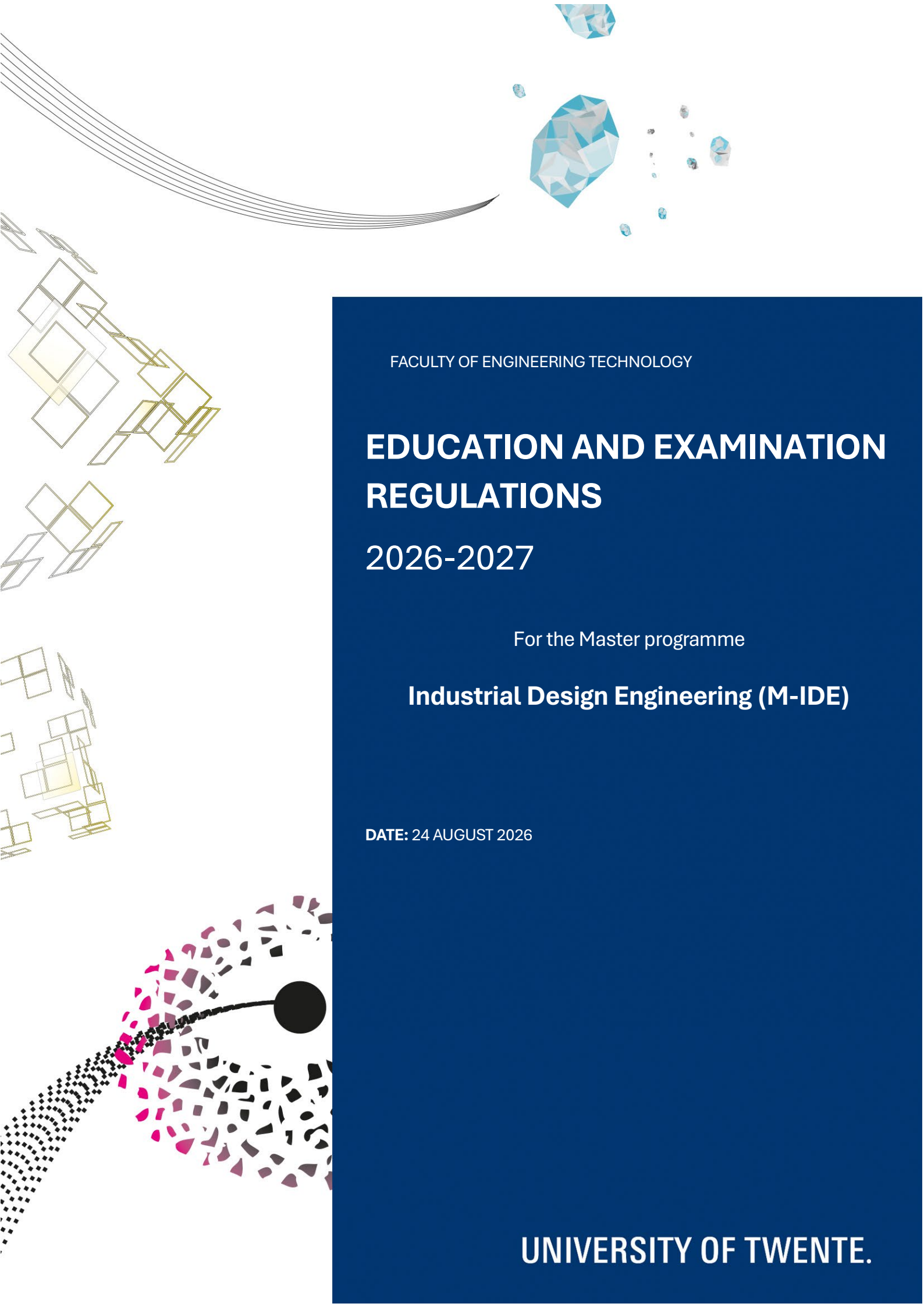




FACULTY OF ENGINEERING TECHNOLOGY

EDUCATION AND EXAMINATION REGULATIONS

2026-2027

For the Master programme

Industrial Design Engineering (M-IDE)

DATE: 24 AUGUST 2026

UNIVERSITY OF TWENTE.

PREFACE

The rights and obligations of the students on the one hand and the University of Twente on the other hand are laid down in the Student Charter, which contains two parts:

- The institutional part of the Student Sections, which contains the rights and obligations that apply to all UT students. The institutional section can be found at: www.utwente.nl/en/ces/sacc/regulations/charter.
- The programme-specific part of the Student Charter, which is called the Education and Examination Regulations (EER) and provides a broad outline of the teaching programme and examination for each degree programme.

This document is the Education and Examination Regulations. In accordance with Section 7.13, Paragraph 1, of the Dutch Higher Education and Research Act (Wet op het hoger onderwijs en wetenschappelijk onderzoek, hereafter: WHW), the EER must contain sufficient and clear information about the degree programme or group of programmes to which they apply. Section 7.13, Paragraph 2, of the WHW lists those issues that must, as a minimum, be stipulated in the EER with respect to procedures, rights and responsibilities relating to the teaching and examinations that are part of each degree programme or group of programmes. The WHW also includes a number of separate obligations relating to the inclusion of rules within the EER.

An ET guideline was provided to promote uniformity in the structure and formulation of elements that apply to all ET degree programmes.

Please note rights can be derived from the EER by both the Engineering Technology Faculty (ET) and students enrolled in its Master's programme. This is not the case concerning all other written and electronic publications.

When reference is made to an Article, Section or Rule in this regulation, this document is meant, unless otherwise specified. When reference is made to the law, the Higher Education and Research Act (WHW) is meant, unless otherwise specified.

The Dean of the Faculty Engineering Technology, in view of the articles 9.5, 9.15, first SECTION (a), 7.13 first and second SECTIONs, 9.38 (b), and 9.18, first SECTION (a), and 7.59 of the Higher Education and Research Act (WHW), and in due consideration of the recommendations of the Programme Committee, as well as the approval by, or advice of, the Faculty Council, hereby adopts the ET Education and Examination Regulations.

Prof.dr.ir. H.F.J.M. Koopman
Dean of the Faculty of Engineering Technology

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SECTION 1 GENERAL PROVISIONS

ARTICLE 1.1 APPLICABILITY OF THESE REGULATIONS

1. This general section of the education and examination regulations applies to all students enrolled in the master's programmes of the Faculty of Engineering Technology: Civil Engineering & Management (M-CEM), Construction Management & Engineering (M-CME), Humanitarian Engineering, Industrial Design Engineering (M-IDE), Mechanical Engineering (M-ME) and Sustainable Energy Technology (M-SET)
2. Students attending courses that are not part of the IDE programme are subject to the rules laid down in the appropriate documents, such as the assessment rules laid down in the assessment schedule of the relevant course, or the rules laid down in the EER of the coordinating degree programme. The decision on special facilities in accordance with Article 7.2 may only be taken by the Examination Board of the programme for which the student is enrolled.
3. The institute section of the student charter includes a definition of what the University of Twente considers to be academic misconduct (fraud). The rules and regulations of the Examination Board for the master's programme in question include additional rules about academic misconduct (fraud), such as which measures the Examination Board may take if it establishes misconduct (fraud).
4. The rules and regulations of the Examination Board of the master's programme in question include provisions about the rules of order during tests and rules in case of emergencies.
5. Requests to deviate from provisions laid down in the education and examination regulations must be submitted to the Examination Board or mandated track/specialisation coordinator of the student's own master's programme, as laid down in the relevant articles of these Regulations.

ARTICLE 1.2 DEFINITIONS

The terms used in these Regulations should be interpreted as follows:

Academic year	The period beginning on 1 September and ending on 31 August of the following year.
Admission Committee	The Admissions Committee is mandated by the Faculty Board to decide on the admission of applicants to the Master's programme (Article 7.30 WHW).
Assessment:	A systematic process of fostering, evaluating and certifying student learning. The process includes the design, development and implementation of assessment tasks, and the judgement and reporting of student learning performance and student's achievement of specified intended learning outcomes. Assessment can be used to foster the student's learning process and development (formative) or to evaluate the student's performance (summative) ¹ .
Assessment plan	A plan indicating how the testing of a course is organised. At first, it states the grading of the study units of the course, and secondly, the conditions for passing the course (including possible compensation rules within the course).
Assignment	The execution of a design or research assignment.
BOZ	Office of Educational Affairs within the Centre for Educational

¹ In accordance with the UT Framework for Assessment Policy
www.utwente.nl/en/service-portal/educational-support/about-ut-education/assessment-policy-ut-framework

	Support (CES).
Canvas	University of Twente's digital learning environment.
Course	A programme component as defined in Article 7.3, paragraph 2 and 3 WHW. Each course is concluded with an examination.
Credit/ECTS	A unit of 28 study load hours, in accordance with the European Credit Transfer System. A full-time academic year consists of 60 credits, equal to 1680 hours of study (Article 7.4 WHW).
Curriculum	The aggregate of required and elective courses constituting a degree programme as laid down in the programme-specific part.
CPO	A committee formed by the institutional board that issues advice to the programme board in individual cases concerning the validity, term and seriousness of the personal circumstances of the student involved
Degree programme	Master's degree programme as referred to in Article 1.1.
Essay	Written report about a theoretical or practical project/assignment
Examination	An evaluation, performed to conclude a course, of the student's knowledge, understanding and skills as well as a judgement of the outcomes of that evaluation (Article 7.10 WHW) in relation to the intended learning outcomes that results in a final grade for the course. An examination may consist of a number of tests.
Examination Board	The body that objectively and professionally assesses whether a student meets the conditions laid down in the education and examination regulations regarding the knowledge, understanding and skills required to obtain a degree (Article 7.12 WHW).
Examiner	The individual appointed by the Examination Board to administer examinations and tests and to determine the results, in accordance with Article 7.12c WHW.
Exemption	The decision of the Examination Board that the student has knowledge and skills which are comparable in terms of content, scope and level with one or more courses or components of courses. An exemption is granted based on acquired competencies, i.e. previously passed examinations in higher education or in view of knowledge and skills attained outside higher education.
Faculty Board	Head of the faculty (Article 9.12, paragraph 2 WHW).
Final examination	A degree programme is concluded with a final examination. If the courses in the degree programme have been completed successfully, then the final examination will be deemed to have been completed (Article 7.10 WHW).
StOF	Student Support Fund
HBO	Dutch University of Applied Sciences.
Higher Education and Research Act (abbreviated to 'WHW')	The Higher Education and Research Act, Bulletin of Acts and Decrees 1992, 593, and its subsequent amendments.
IDE	The Master's programme Industrial Design Engineering
Institution	University of Twente (Universiteit Twente).
Institutional Board	The Executive Board of the University of Twente (Article 1.1 WHW).
Language of tuition	The official language of tuition is the language in which

	education is given, in which teaching material is provided and in which tests and examinations are held.
Learning outcomes	The qualities regarding the knowledge, insight and skills a student must have acquired upon completion of the programme.
Lecture	A plenary (on Campus or online) gathering for students, intended for the presentation of information.
Literature study	The undertaking of a literature research into specified scientific phenomena.
Osiris	System designated by the Institutional Board for registration and for providing information on all relevant data related to the students and the degree programme, as referred to in the WHW.
Partner institution	An institution with which the university has a structural relationship for collaboration, in which the programme is active. For example the 4TU federation and the ECIU -network (http://www.eciu.org/)
Practical exercise	A practical assignment (online or on Campus). This refers to participation in an educational activity designed to acquire certain skills, such as the completion of an assignment or a technological design, the execution of tests and experiments, computer work and participation in fieldwork or an excursion.
Pre-Master's programme	The pre-Master's programme is a transfer and bridging programme for Universities of Applied Sciences (HBO) or University Bachelor programme students who wish to obtain a university master's degree, but who cannot be admitted directly (see Article 2.2).
Programme Committee (PC)	Committee referred to in Article 9.18 WHW.
Programme Director	The person appointed by the Faculty Board to administer the programme (Article 9.17 WHW).
Project	Working as a team of students to carry out a design or research assignment, usually based on a real life scenario.
Retention period	The amount of time that certain types of information or documents must be kept by universities and university medical centres. ²
Rules and regulations Examination Board	Rules and regulations as defined by and of the Examination Board
Seminar	A meeting for a part of the population to offer students the opportunity to work through the learning materials (also supervised self-study).
Student	Anyone enrolled in a programme in accordance with Article 7.34 and 7.37 WHW.
Study advisor	Person appointed by the Faculty Board who acts as contact between the student and the university, and in this role represents the interests of the student, as well as fulfilling an

² These periods are defined in a schedule called the 'Universities and University Medical Centres 2020 Retention and Disposition Schedule'. The University of Twente follows this schedule, which was officially adopted by the Minister for Primary and Secondary Education and Media on January 27th, 2020. The University of Twente also refers to the retention periods in the Assessment Policy (UT Framework).

	advisory role.
Study tour	A trip made for the purpose of study and/or carrying out research.
Study load	The time an average student needs to learn the course material. The study load comprises project work, independent study, lectures and writing assignments, for example. The study load is expressed in ECTS credits according to the European Credit Transfer System.
Test	An evaluation of the student's knowledge, understanding and/or skills as well as a judgement of the outcomes of that evaluation, in relation to the intended learning outcomes. A test is part of an examination. A test is registered as such at the level of 'test' in Osiris. If the examination for a course consists of a single test then the result of that test will count as the result of the examination.
Teaching period	The period in which a course is offered. The teaching period starts in the first week in which an educational activity takes place for the course concerned and ends in the final week in which an educational activity takes place and/or a test is administered for the course concerned.
TE viewer	The application (TimeEdit) used at the University of Twente to view and download the timetable of the degree programme.
Track coordinator	Member of the scientific staff responsible for providing advice on, and establishing the master's track programme.
Tutorial	a (online or on Campus) gathering for a (sub) group of the population in order to allow students to process the subject matter (also known as guided independent learning).
UT	University of Twente.
Working day	Any day from Monday to Friday with the exception of official holidays and the prearranged compulsory holidays ('brugdagen') on which the staff are free.

The definition of all other terms used in these Regulations is in accordance with the definition accorded by the main text of this document and/or the student charter or the WHW.

ARTICLE 1.3 LANGUAGE OF INSTRUCTION

1. The language of the programme, including communication, instruction and examination is English.
2. The choice of the official language for an educational programme or components of an educational programme lies with the Programme Director, subject to the right to consent of the Programme Committee.
3. If programme components deviate from the language of tuition, then this is to take place in accordance with the Code of Conduct for Languages of the University of Twente and Article 7.2 WHW.
4. The thesis is written in English. Exceptions require approval of the Examination Board beforehand. If an exception is granted, the student is obliged to provide a summary of the final report in English.

ARTICLE 1.4 SAFETY

Working in a laboratory or workshop is subject to certain safety requirements. Students are obligated to inform themselves of these rules and comply with them. To be allowed to work in a laboratory or workshop, the student must be registered as a student at the UT.

SECTION 2 APPLICATION AND ENROLMENT

ARTICLE 2.1 CONDITIONS

1. Admission to the programme is granted if the requirements with regard to prior education for enrolment in university education are met, in accordance with the WHW, Article 7.30b.
2. Admission to a Master's can be achieved in several ways:
 - a. Graduates from the three Dutch Universities of Technology holding a university Bachelor's degree in Industrial Design are admitted unconditionally.
 - b. Those holding a university Bachelor's degree in an adjoining subject or programme can be admitted on the condition that a specific supplementation of the Bachelor's programme is undertaken and that a specific graduation specialisation is chosen. Admission from other University of Technology programmes is determined in the admissions matrix: <https://www.utwente.nl/en/education/master/admission-requirements/dutch-university/>
 - c. Those holding a university Bachelor's degree in Industrial Design programme (or adjacent discipline) from a foreign university can be admitted if:
 - i. the (level of the) Bachelor of Science degree from a university abroad is equivalent to the Dutch WO Bachelor's degree
 - ii. the student has a CGPA of at least 75% of the maximum score, or the country's equivalent; and
 - iii. the additional requirements (including the language requirements) are satisfied.
 - iv. the application fee has been fulfilled
 - d. Those who have successfully completed a pre-Master's programme are admitted (see Article 2.2 and article 7.30e WHW)
3. Students from abroad must show they have sufficient command of the English language according to the requirements specified on the website <https://www.utwente.nl/en/education/master/admission-requirements/language/>.
4. The Faculty Board of Engineering Technology establishes an admission committee for each master programme, for the purpose of assessing the candidate's suitability for admission to the programme on the basis of the requirements stipulated in Article 2.1.1 - 2.1.3. During the assessment of the application for admission to the master's programme, the Admission Committee can demand that certain subjects must be passed before the proof of admission to the master's programme can be issued.

ARTICLE 2.2 PRE-MASTER PROGRAMME

1. Students with a Bachelor's degree from a Dutch University of Applied Sciences (HBO) in Industrial Design or in an adjacent subject, as well as students with a Dutch university's Bachelor's degree in adjacent subjects that does not give direct admission to the Master can be admitted to the pre-Master's programme. Admission is at the discretion of the Admissions Committee.
2. The pre-master's programme consists of a selection of courses from the bachelor's programme with an emphasis on those subjects that were absent or lacked depth in the previous education.
3. Students are allowed no more than two attempts to sit the corresponding examination/test per course of the pre-Master's programme. Students who fail to successfully complete a course within these two attempts will not be admitted to the master's programme.

4. In order to complete the pre-Master's programme all study components have to be passed within twelve months after enrolling in the pre-Master's programme.
5. If Introduction to Math + Calculus 1A and Calculus 1B are part of the pre-Master programme, an unrounded grade of 4,5 or higher for Introduction to Math + Calculus 1A or Calculus 1B can be compensated amongst each other. The average of the unrounded grades of both courses should be at least 5,5.
6. Students who have successfully completed the pre-Master's programme can be admitted to the corresponding master's programme.
7. Students who are unable to successfully complete the pre-Master's programme within 12 months are no longer admissible to any of the ET pre-Master's programmes in any following academic years.

ARTICLE 2.3 FOLLOWING MASTER'S COURSES BY NON-MASTER STUDENTS

A student has the right to follow education and/or take examinations relating to the programme, provided the student has satisfied the legal regulations in force. Results of Master courses obtained during or as part of the bachelor programme are listed on the bachelor's degree. Courses from the master programme may only be listed on the master's degree if the courses were passed during the enrolment in the master programme. This complies with the rules regarding the 'bachelor before master'-rule (Article 7.30b WHW).

SECTION 3 CONTENTS OF THE PROGRAMME

ARTICLE 3.1 AIM OF THE PROGRAMME

The Master of Science in Industrial Design Engineering can operate in the field of Industrial Design (Engineering) as an interdisciplinary designer.

The graduate is able to recognise the relevant disciplines and aspects such as functionality, technology, aesthetics, use, market and marketing, manufacturing, logistics, consumer, business and sustainability, and is able to integrate these aspects in the development of products. In this context, the word product refers to tangible products as well as to product-related services and systems.

In the process of product development, the IDE graduate:

- a. Is able to analyse market demands and user needs along with technological and social opportunities
- b. Is able to generate a (personal) vision on the design problem
- c. Is able to generate and select ideas and design concepts
- d. Is able to transfer existing knowledge to new problems and to implement new knowledge
- e. Can materialise a concept to the stage of a working model
- f. Is able to take into account the market launch and the product life cycle.

The graduate is an academically educated designer. The student is able to use scientific methods and techniques in the development of products and in research. The student is able to contribute to research projects and to the development of new knowledge. The student possesses knowledge and skills in relevant disciplines and sciences, and is able to use them in his reasoning in and when reflecting methodologically on the process of development.

The graduate is talented, self-directed, responsive, creative, is able to further develop his own knowledge and skills, is able to develop his own signature, is able to deal with limited

certainties, can communicate, can document, visualise and present his design, can structure his projects, can function both individually as well as in a multidisciplinary team and within an international context.

IDE graduates find employment as industrial designer, product designer, product engineer, design engineer, design product manager, product manager, interaction designer, researcher, usability consultant, design centred researcher, strategic designer, brand manager, product development project leader, innovation consultant, and design-brand consultant.

ARTICLE 3.2 PROGRAMME INTENDED LEARNING OUTCOMES

Explanatory notes: Article 7.13 WHW

The programme director is responsible for the content, structure, organisation and evaluation of the degree programme. This includes the coherence and correlation of the education, and the assessment of education, in the way that is suitable for the relevant programme for assessing theoretical knowledge and practical skills³.

The qualities relating to the knowledge, understanding and skills that the student should have acquired upon completing the programme are as follows:

- a. *The IDE graduate is competent in designing.*
A University IDE graduate can realise new or modified artefacts, products or systems, with the aim of creating value in accordance with predefined needs and requirements.
- b. *The IDE graduate is competent in the relevant IDE disciplines.*
A University IDE graduate is familiar with contemporary knowledge and has the ability to increase and develop this through study.
- c. *The IDE graduate is competent in research.*
A University IDE graduate is able to acquire new scientific knowledge through research. In this respect, research entails the development of new knowledge and insight according to purposeful and systematic methods.
- d. *The IDE graduate takes a scientific approach.*
A University IDE graduate has a systematic approach characterised by the development and use of theories, models and coherent interpretations, has a critical attitude and has insight into the nature of science and technology.
- e. *The IDE graduate has basic intellectual skills.*
A University IDE graduate is able to adequately reason, reflect and form a judgment. These abilities are acquired or refined within the context of a discipline, and then become generically applicable.
- f. *The IDE graduate is competent in cooperating and communicating.*
A University IDE graduate is able to work with and for others. This not only requires adequate interaction and a sense of responsibility and leadership, but also the ability to communicate effectively and scientifically with colleagues, clients, (end-)users, suppliers, experts and laymen. The student is also able to participate in a scientific or public debate.
- g. *The IDE graduate takes the temporal, social and personal context into account.*
Science and technology are not isolated, and always have temporal, social and personal contexts. Beliefs and methods have their origins; decisions have social consequences in

³ Subject to the responsibility of the Faculty Board to establish the EER for the programme, and the institutional rules about the validity of grades (Art. 5.9).

time. A University IDE graduate is aware of this and has the competence to integrate these insights into his scientific work.

ARTICLE 3.3 SPECIALISATIONS

In the programme the students' skills are further developed and their knowledge deepened. This deepening cannot be achieved across the complete breadth of the subject. Therefore, the following specialisations are offered:

Human-Technology Relations (HTR)

The focus is on the exploration and design of products that serves the problems and aspirations of people on an individual, social or societal level. One can consider Industrial Design Engineering the discipline that makes technology available for users, since a sole technology, like 'a lab on a chip' is not graspable for people. In order to solve diseases or monitor blood sugar levels for people that suffer from diabetes, such a technology needs an interface to the world of the patient. In the master track Human-technology relations, one learns to design this connection between people and technology from a people oriented perspective.

Emerging Technology Design (ETD)

The master track Emerging Technology Design teaches students how to introduce new technologies into the consumer market instead of introducing a technology for a single, specific product. In this way technology that is expensive because of its limited field of applicability can become cheap because it is adapted for mass production. On the other hand, consumer products can be modified and or new products can be brought to market because new technologies make it possible to produce new shapes (hydroforming) or cheaper (fewer parts due to friction stir welding) or more advanced (fuel cells, reduced sound). Another goal of this track is to decrease the distance between the research environment and the industry and market.

Management of Product Development (MoPD)

An Industrial Design Engineer often acts as the linking pin in product development trajectories; simultaneously analysing, directing, coordinating, conducting and contributing to the project. Such projects are ordinarily embedded in multi-disciplinary environments. Therefore, industrial design engineers require adequate information, knowledge and skills to govern the development cycle, to interrelate different projects and ensure alignment to company strategies. Often, they cannot—nor want to—become specialists in all distinct fields. However, they should be capable of initiating, coordinating and governing the interactions between all parties involved. The master track Management of Product Development aims at acquiring this expertise. Although the focus is on the rationale of the methodologies and the working methods, thorough attention to the quality of the resulting product is inherent. The master track concentrates on the full breadth of the product development cycle. It emphasizes the aspects that play a role in the different phases, rather than focusing on the exact and specific completion of those phases.

The specialisations give room for not only the subject-specific depth and the relevant research but also for the development of the specific competencies that are vital for the sub-domain. Within the programme, part of the education is aimed at all programme students, while the accent specific for a certain track is achieved by way of special projects. The graduation project (master's thesis) is carried out under the responsibility of one of the research groups of the Faculty. In this project, the student shows that the student is in a position to make a contribution toward broadening of his subject-specific knowledge in that part of industrial design.

ARTICLE 3.4 INDIVIDUALISED PROGRAMME

The Examination Board decides on the received request of a student for permission to take an individualised programme as referred to in Article 7.3j WHW. The Examination Board assesses whether an individualised programme is appropriate and consistent within the domain of the degree programme and whether the level meets the intended learning outcomes of the degree programme. If necessary, the Institutional Board will select the Examination Board that is responsible for granting permission.

ARTICLE 3.5 STUDY ABROAD

1. The programme wants to stimulate all students to have an international experience during their studies. This can be a graduation project and/or attending a number of regular courses at a university abroad (See Article 4.4 for courses and Article 6.1. for graduation).
2. Studying abroad requires consultation with the Exchange Coordinator and approval of the track coordinator.
3. For graduation abroad the rules in article 6.1 apply.

SECTION 4 STRUCTURE OF THE PROGRAMME

ARTICLE 4.1 STRUCTURE IN GENERAL

1. The programme is fulltime and consists of 120 EC (1 EC = 28 hours of study). This equals 2 academic years, each divided into 4 quartiles.
2. The programme is concluded with the master's examination
3. The following forms of education are used:
 - a. Assignment/ project: Execution of a design or research project
 - b. Essay: Written report about a theoretical or practical project/assignment
 - c. Lecture: Plenary meeting for the students which is intended to convey information
 - d. Literature study: Undertaking literature research into specified scientific phenomena
 - e. Practical: Participation in a practical education activity designed to master certain skills, such as completing written work or a prototype design, carrying out of tests and experiments, and participating in field work or an excursion
 - f. Placement: Carrying out activities in order to increase insight into company processes, as an intern at a company or in a scientific environment
 - g. Seminar: Meeting for a subgroup of the population which offers students the opportunity to work through the teaching materials (also supervised independent study)
4. Each student composes his own programme within the boundaries of the programme constraints as laid down by the EER. The student selects core courses from the IDE programme, of which at least one course per track is compulsory. In addition, the student can take the initiative to emphasise (elements of) both depth and breadth in his programme. The graduation project (45 EC) is the master's examination and the endpoint of the programme.
5. The programme for a student consists of 120 EC

a. Mandatory for all tracks: Research Methods for IDE	5
b. Core courses (at least one from each track)	10 - 50
c. Specialist courses as preparation for the graduation project	0 - 20
d. Electives (personal accent, in-depth or in-breadth, at maximum 5 EC for the study tour)	0 - 20
e. Graduation project	45
Total for the programme (minimum)	120

ARTICLE 4.2 COMPOSITION OF THE STUDY PROGRAMME

1. The student puts together an individual study programme (ISP) in close consultation with the track coordinator. The programme composition is considered final after it has been approved by the student, the track coordinator and the master coordinator.
2. The approved ISP must be submitted to the Office of Educational Affairs (BOZ).
3. A form published on the LMS (Canvas) must be used to provide the required information.
4. If the student wishes to make changes to one or more examination components for which approval has already been granted, the student can submit a request to that end to the relevant track coordinator.

ARTICLE 4.3 FOLLOWING TWO UT MASTER PROGRAMMES SIMULTANEOUSLY

The Master's programme Industrial Design Engineering provides the opportunity to complete a double master degree with a related 2-year Master programme of the University of Twente. The following requirements apply:

- a. the student must be admissible to each of the master tracks
- b. the student must meet the requirements of each of the master tracks
- c. the total workload of the double master degree is 180 EC and must consist of a combined master assignment of 60 EC.
- d. No more than 15 EC in courses can overlap between both Master programmes
- e. the proposed study programme must be approved by the examination committees of both programmes.
- f. the student must reach the PILO's of both Master programmes.

ARTICLE 4.4 INCLUDING INTERNATIONAL COURSES IN THE PROGRAMME

1. The incorporation of international courses or projects into the study programme requires the prior approval of the track coordinator.
2. The motivated request includes the necessary information on the courses and institution, on the basis of which the track coordinator can determine the level and content. A UT teacher who provides a comparable course can be asked for advice. In principle, the international course must have a level equivalent to that of UT master courses.
3. No international courses may be included that substantially overlap with regular UT courses that have already been completed or that still have to be completed.
4. The maximum number of EC for international courses which can be included in the programme is 15 EC. The remaining courses can be listed as 'extracurricular courses' on the diploma supplement, provided that the courses are part of a recognised master's programme. Exceptions are if a student participates in a joint or double degree with an international partner university (see article 4.5).
5. If needed, BOZ calculates the number of EC by using the Credit Conversion Table of the UT.
6. Where possible, BOZ uses the international names of the courses on the Diploma Supplement.

ARTICLE 4.5 INTERNSHIP

The master programme of IDE does not include a mandatory internship. An internship can be done, in consultation with the track coordinator, but only extracurricular.

SECTION 5 TEACHING AND ASSESSMENT

ARTICLE 5.1 ASSESSMENT IN GENERAL

1. Each course concludes with an examination. The examination consists of one or more tests.
2. A test or examination may take several forms, e.g. a written test, an assignment, an oral test, practical exercises or a combination of the aforementioned. Tests and examinations can be administered online (see Article 5.3).
3. The Programme Director ensures that at least the following details of the courses are published in Osiris not less than four (4) weeks in advance of the start of the course: scope, learning objectives and content, language of tuition and assessment, prerequisites, required and recommended study materials, design of teaching methods and assessment.
4. The possibility of unconditional access to at least one resit of written and oral examinations must be offered for each course in the same academic year. Practical exercises or projects can be completed at least once per academic year. Article 7.2 paragraph 2 applies.

Absence during a study period may result in the failing of tests, examinations, projects, or practical exercises. In the event of force majeure (e.g. illness), the student must contact the lecturer and/or study adviser as soon as possible. Should a student fail to appear for an examination for which he registered via Osiris, and from which he failed to withdraw in time, this will be recorded in the Osiris as a fail. This will count as an unsuccessful examination attempt.

5. Information on the practical procedures regarding the conduct of examinations and completing projects is available in the Rules and Regulations of the Examination Board.
6. Prior to an exam the student has the right to inspect model test questions that are representative of the test or examination, as well as their keys and the norm for assessment.
7. The time allotted to administering a test may not exceed three hours. Exceptions in this regard are listed in Article 7.4. If the examiner wishes to use any form of assessment that requires more than three hours, the examiner must, with due regard for article 5.1.3, ask the Examination Board for approval to deviate from the above.

ARTICLE 5.2 EXEMPTION

1. The Examination Board may grant students an exemption for one or more examinations or tests at their request. To this end, the student must demonstrate having sufficient knowledge and skills in relation to the examination concerned or the test in question.
2. An exemption granted by the Examination Board will be registered in Osiris under the course or courses, or components thereof, by means of an EX (exemption).
3. Students cannot be compelled to take additional courses or components of courses in their curriculum instead of an exemption that has been granted.
4. Students may also be exempted from practical exercises if they can demonstrate that a required practical exercise will likely give rise to challenges related to their ethical or moral beliefs. In such cases, the Examination Board will determine whether the component can be completed in another manner and in what way.
5. A request for an exemption of one or multiple tests or examinations will be judged by the Examination Board on the conditions set out in its Rules and Regulations.

ARTICLE 5.3 ONLINE ASSESSMENT

1. The Examination Board may set further rules and conditions for online assessment.

ARTICLE 5.4 ORAL ASSESSMENT

1. Oral assessment is generally not public, but if the student or the examiner wishes a third party to be present when administering an oral assessment, then a request to this end must be submitted to the Programme Director at least fifteen working days prior to the oral assessment. The student and the examiner will be notified of the Programme Director's

decision not less than five working days in advance. The Programme Director must inform the Examination Board of the decision. Public graduation symposia, public presentations and group tests are excluded from this provision. Any decision regarding the public nature of the orally administered assessment is subject to the authority of the Examination Board to decide otherwise in special cases (art. 7.13 paragraph 2n WHW)

2. If the Examination Board has decided that members of the Examination Board or an observer on behalf of the Examination Board is to be present during the administration of an oral assessment, then the Examination Board is to make this known to the examiner and the student at least one working day before the oral assessment.

ARTICLE 5.5 ASSESSMENT PLAN

1. The assessment plan of a course is drawn up by the examiner or examiners and is determined by the Programme Director. The Examination Board provides advice on the assessment plan.
2. The assessment plan must be published in Canvas at least two weeks before the start of the quartile.
3. The assessment plan of a course must include:
 - a. how the learning objectives of the course are assessed and when they are attained;
 - b. in which weeks examinations, tests, resits and discussion are held (the precise times and dates will be announced via Time Edit);
 - c. any required minimum grade per test; a minimum grade for a test may not be set higher than 5.5;
 - d. the composition of the final grade (including weighing factors);
 - e. if applicable: information on resits (such as conditions, compensation options and grading periods).
4. The Programme Director may modify the assessment plan during the course:
 - a. The assessment plan may only be changed in consultation with the examiner of the course.
 - b. The Programme Director will consult the Examination Board before any changes to the form or manner of administering an examination or one or more tests. If the change only involves moving tests to a timeslot other than as shown in the timetable, the Programme Director will inform the Examination Board of the decision as soon as possible.
 - c. Students are to be informed immediately of the change via the digital learning environment.
5. Changes to the assessment plan may not put students at an unreasonable disadvantage. The Examination Board may take special measures in individual cases
6. Oral examinations and other examination components not listed in the assessment plan will be held at a time set by the examiner(s) and the student together and, if the student so desires, within a month after the conclusion of the education for the examination unit in question.
7. The examiner may deviate from the published examination method after approval of the Examination Board. The examiner will inform the students of this change immediately.

ARTICLE 5.6 REGISTRATION

1. Registration in Osiris is required prior to participating in a course⁴.
2. Upon registering for the course, the student will automatically be registered for the assessments associated with the teaching period of the course. The student is

⁴ The applicable registration deadlines are mentioned on the webpage <http://www.utwente.nl/en/education/student-services/education/courses-and-modules/>.

automatically de-registered from the resit opportunity if a sufficient grade is obtained for the first test opportunity. In such case, students still have the opportunity to re-register for the resit on their own initiative if they wish to make use of that resit opportunity, despite having obtained a sufficient grade for the first test opportunity.

3. Should a student fail to register before the close of registration for an examination, they will lose the right to take that particular examination.
4. A student can withdraw from an examination until the start of the exam period.

ARTICLE 5.7 RESULTS

1. Results of examinations, tests or components of tests must be announced to students. Osiris is used for the formal⁵ registration of grades for examinations and in some cases also for tests.
2. Test results are expressed in a grade from 1 to 10 with a single decimal, or as 'pass' / 'fail'.
3. After the examiner determines the result of assessments, Osiris automatically calculates and round the grade of a course, as determined by the examiner, is expressed in half grades from 1.0 to 5.0 and from 6.0 to 10.0⁶, or as a 'pass'/'fail'. Rounding occurs only in the final phase⁷ of the assessment of a course and follows with the schedule below:

If figure before the decimal (n)≠5	
Grade ≥ n.00 and < n.25	→ n.0
Grade ≥ n.25 and < n.75	→ n.5
Grade ≥ n.75 and < (n+1).00	→ (n+1).0
If figure before the decimal =5:	
Grade ≥ 5.00 and < 5.50	→ 5.0
Grade ≥ 5.50 and < 6.00	→ 6.0

4. Examination results of 6.0 or higher are a pass.
5. Examination results, if a pass, obtained at foreign universities will be registered as a P (pass). Examination results obtained at Dutch universities will be adopted one-to-one, with due regard for the provisions in paragraph 3.
6. If more than one examination or test result has been recorded in Osiris, the highest grade will apply.
7. The examiner is to inform the student of the result of an oral examination within one working day, unless the oral examination is part of a series of oral examinations of the same course which are administered on more than one working day. In that case, the examiner is to determine and announce the result within one working day following the conclusion of the series of oral examinations.
8. The result of a test is to be disclosed to the student through Osiris within fifteen working days after the test date, with due regard for Article 5.8 paragraph 5.

ARTICLE 5.8 ASSESSMENT DEADLINE, EXAMINATION AND TEST DATE

1. The examination date is the date on which the test is taken with which the student definitively passes the course.
2. The test date is the date on which a written or oral test is taken.

⁵ In case of any discrepancy between results published in Osiris and results communicated via any medium other than Osiris (e.g. Canvas, email), the results in Osiris will prevail. Article 8.2 still applies

⁶ In Osiris, a comma is used, based on the Dutch grading system (e.g. 7,0).

⁷ Final phase: when all grades are known

3. If a test assessment is (among other things) dependent on completing one or more assignments or writing a paper or thesis, then the test date will be the deadline of submission of the final component (or the date of the last written or oral assessment).
4. If a test resit is planned, the results of the first test will be published at least five working days before the resit to give the student time to prepare.
5. Should the examiner not be able to meet the deadline referred to in paragraphs 1 and 4 of this Article, or in paragraphs 7 or 8 Article 5.7 due to exceptional circumstances, then the examiner is to notify the Examination Board, providing reasons for the delay. The student concerned is to be informed of the delay immediately, and a new deadline for publication of the results will be set and notified to them. If the Examination Board is of the opinion that the examiner has not met the obligations, it may appoint another examiner to ascertain the result of the exam and determine the grade.

ARTICLE 5.9 PERIOD OF VALIDITY OF RESULTS

1. The results of examinations and tests as defined in Article 1.2, passed or failed, remain valid indefinitely. This period of validity may only be limited if the tested knowledge or understanding is demonstrably outdated or the tested skills are demonstrably outdated.
2. For limiting the period of validity of results of examinations as stated in paragraph 1, the Faculty Board establishes rules on (initiating) the investigation that is necessary to establish if, for an individual student, tested knowledge, insights and skills are outdated, and if so, for limiting the period of validity appropriately. If the period of validity of a result of an examination is limited, at least the rules in Article 7.2 of these regulations and Article 7.10 paragraph 4 WHW are taken into account by the Examination Board when assessing the extension of the limited validity period⁸.
3. In organising coherence and correlation of education and assessment within the programme (see Article 3.2 of these regulations), the institutional rules mentioned in these regulations about validity of grades must be taken into account.

ARTICLE 5.10 RIGHT OF DISCUSSION AND INSPECTION

1. Student are entitled to discuss and review their test together with the examiner, and the examiner is to explain the assessment. This can be done individually or in a group setting, either in person or by using an online tool. The examiner chooses the setting of, methods of and tools for discussion and informs the student in a timely manner.
2. Individual and group discussions must take place no later than five weeks after the publication of the test or examination results, but at least three working days prior to the next test opportunity, in the (online) presence of the examiner or a substitute designated for that purpose.
3. If the examiner organises a group discussion of the assessment, the student must use that opportunity to exercise the right to discussion referred to in paragraph 1. If a student cannot attend the group discussion or if the student is not given the opportunity at the group discussion to discuss the reasons for the examiner's assessment of the test with the examiner, the student may submit a request for individual discussion with the examiner no later than on the first working day following the group discussion. Students are informed about the group discussions and the aforementioned deadline. The individual discussion is to take place no later than three working days prior to the next test opportunity.
4. If there is no group discussion of the test, then a student may submit a request to the examiner for an individual discussion within ten days after publication of the results. The

⁸ Subject to the authority of the Examination Board to extend the limited period of validity in individual cases in accordance with Article 7.10, paragraph 4 of the WHW

individual discussion is to take place no later than three working days prior to the next test opportunity.

5. Students are to be given the opportunity to inspect their assessed work for a period of twelve months following the date of assessment.

ARTICLE 5.11 RETENTION PERIOD FOR TESTS

1. The retention period for test assignments, keys, papers and the assessments of written tests is two calendar years.
2. The retention period for final master's projects is a minimum of seven calendar years.
3. Retention periods are defined in a schedule called the 'Universities and University Medical Centres 2020 Retention and Disposition Schedule'. The University of Twente follows this schedule, which was officially adopted by the Minister for Primary and Secondary Education and Media on January 27th, 2020. The University of Twente also refers to the retention periods in the Assessment Policy (UT Framework).

ARTICLE 5.12 EXAMINATION BOARD

1. In line with Articles 7.12a and 7.12b WHW:
 - a. the Faculty Board appoints an Examination Board for each educational programme or group of programmes;
 - b. the Examination Board determines the rules and regulations for the examiners, examinations and final examinations without further consultation.
2. The Examination Board makes objective and well-grounded decisions on whether students meet the requirements in terms of their end level and guards the standards for the end level itself.

ARTICLE 5.13 QUALITY ASSURANCE

The quality of education is systematically monitored according to the Plan-Do-Check-Act (PDCA) cycle. The quality assurance system consists of at least the following parts:

1. The organisation of the faculty with all actors who play a role in the management, organisation, development and execution of the study programme. Through a clear division of tasks and responsibilities and mutual coordination, the actors jointly ensure a high-quality study programme.
 - a. The Programme Director is responsible for monitoring the quality of the educational programme.
 - b. The Programme Director is responsible for evaluating the programme.
2. The evaluation system that monitors the quality of the study programme and provides the actors with information on the quality and is therefore aimed at educational development and continuous quality improvement. This will at least include the execution of the following activities on an annual basis:
 - a. The Programme Director writes an annual programme development plan, which is subject to advice from the Programme Committee. Improvement points regarding the study units are made available to students and staff.
 - b. *Course evaluations*: a course will be comprehensively evaluated at least once every three years; if a course does not meet the criteria, it will be evaluated again the next time it is taught to determine whether appropriate measures have been taken.
 - c. *Incidental activities*: if necessary, further research will be conducted in addition to the aforementioned activities (e.g. research into facilities, time usage studies, exit studies, questionnaires among alumni, etcetera).
 - d. *Yearly analysis of the results of the NSE (National Student Survey) and the NAE (National Alumni Survey)*: Based on the analysis, UT-wide, faculty-specific and/or programme specific improvement actions can be identified.

- e. *Educational professionalisation*. Members of the scientific staff must have a (university) teaching qualification (UTQ, in Dutch “Basis Kwalificatie Onderwijs”) or given the opportunity to acquire/maintain this qualification.
 - f. *Performance Reviews*: Results of activities stated in the paragraphs above are brought to the attention of chair holders, to allow them to address these issues in their annual performance appraisals with all employees.
3. Improvement points regarding the courses are made available to students and staff.

SECTION 6 FINAL EXAMINATION AND DEGREE

ARTICLE 6.1 FINAL EXAMINATION

Explanatory notes: Article 7.10, paragraph 2 and Article 7.11 WHW

ARTICLE 6.1.1 GENERAL

Reporting and completing of the graduation project (also see rule 3 of the regulations of the Examination Board). The results of the project are documented in a report and paper, which must be completed at least two weeks before the date of the presentation. The assessment of the graduation project is further based on:

- a. A presentation (colloquium) in public of 30-45 min, followed by questions from the audience (10-15 min.), announced timely and taking place at the UT, preferably in the building of the Faculty of Engineering Technology;
- b. A closed session of the Assessment Committee with the student, which generally occurs immediately after the presentation. By mutual consultation, it can be decided to conduct the cross-questioning prior to the colloquium. The final mark for the master's examination is determined at the end of this session.
- c. The Assessment Committee determines whether all the requirements for the master's thesis examination have been satisfied (article 6.1.2 and rules Examination Board).

Completion of the graduation project at another university

In deviation from what is stated in c above, a student may present his colloquium at another university (for example because it is where daily supervision took place), provided that:

- The responsible chairperson (of the UT) gives his permission.
- The relevant university has a structural collaboration agreement with the IDE programme of the UT.
- At least one authorised examiner of the IDE programme of the UT will be present at colloquium.

Either the protocol in place at that university or the UT protocol may be followed. The mark determined for the master's examination is accepted compulsorily. The Assessment Committee of the UT determines whether all the requirements for the master's examination have been satisfied pursuant to Appendix C.

ARTICLE 6.1.2 REQUIREMENTS

The following applies for passing the master's graduation project:

1. Student receives a pass for the project if all 3 partial grades (i.e. Scientific and practical content, Process, Communication & Dissemination) are ≥ 5.5 . If students do not comply with this, the following rules are applied:
 - a. Student receives a fail for the project if a partial grade is lower than 4.5.
 - b. Student receives a fail for the project if more than two partial grades are lower than 5.5.
 - c. For every partial grade below 5.5 (but ≥ 4.5), student must do supplementary work in order to pass the project.
 - i. Supplementary work can earn a maximum partial grade of 6.0.
 - ii. If a supplementary work assignment (one or more may be assigned) is assessed with a partial grade below 5.5, the student fails the project.
 - iii. Agreements about the contents and time allotted to complete supplementary work are made during or as soon as possible after the project exam.

ARTICLE 6.1.3 DURATION

The nominal duration of the graduation project is 34 weeks, including 3 weeks of holiday. The student registers in Mobility Online at the start of the graduation project. This includes the actual start date and the intended end date. Students are allowed to start with their graduation project upon completion of 75 EC within the Master programme and registration of their approved Individual Study Programme.

After at most 30 weeks from the start of the graduation project, the supervisor(s) and the student discuss whether completion, defined by the handing in of the final version of the thesis, within 34 weeks is feasible. If completion within 34 weeks is not feasible, the supervisor can decide to grant an extension up to a maximum duration of 52 weeks. The supervisor notifies the track coordinator of this extension.

In the case of an extension, the project will be submitted not later than after 52 weeks from the start of the graduation project, followed by an assessment. If this results in a fail, then the student has to start a new graduation project. The Examination Board, however, may, in exceptional and individual cases grant an additional extension.

It is left to the discretion of the supervisor to skip periods in determining the 34- or 52-week mark because of possible delays, such as illness, unavailability of resources etc., beyond the control of the student. The Examination Board may ask for clarification.

ARTICLE 6.1.4 GRADUATION COMMITTEE

At a time agreed with the chairperson, the student (together with the supervisor) must submit a request to form an Assessment Committee to the chair. The chairperson ensures the formation of this committee within four weeks after the student's request. The Office of Education Affairs submits the composition of this Assessment Committee to the Examination Board, for approval.

ARTICLE 6.2 DIPLOMA

Explanatory notes: Article 7.11 WHW

1. The Examination Board will award a diploma as proof that the student has satisfied all the requirements of the final examination once the institutional board has confirmed that the procedural requirements for awarding the diploma have been met. The date indicated on the diploma (i.e. the date of the final examination) is the date on which the student completed the final course of the degree programme.
2. The diploma will be signed by the chair of the Examination Board. If the chair is absent, one of the members of the Examination Board may also sign the diploma.
3. The following information is to be stated on the diploma:
 - a. the student's name and date of birth;
 - b. the name of the institution and the degree programme as stated in the register referred to in Article 6.3 WHW;
 - c. the date of the final examination;
 - d. the course components of the final examination;
 - e. the degree conferred (in accordance with Article 7.10a WHW);
 - f. where appropriate, the specific qualifications associated with the degree (with due consideration for Article 7.6, paragraph 1 WHW);
 - g. the date on which the programme was last accredited or the date on which the programme passed the new programme assessment (Article 5a.11 WHW).
4. An International Diploma Supplement is to be appended to the diploma. This supplement is intended to provide insight into the nature and content of the degree programme to promote the international recognition of the programme, among other aspects. The diploma supplement is to include the following information at a minimum:
 - a. the name of the programme and the name of the university;

- b. that the programme was offered at an institution for academic education;
 - c. a description of the programme content; an indication of any specialisation, if applicable;
 - d. the study load of the programme;
 - e. the final examination components and results, based on the registration of grades in Osiris;
 - f. examinations passed by the student that are not part of the final examination;
 - g. if the student has successfully completed an honours programme while on the master's programme, then this fact will be stated on the diploma supplement as an extracurricular programme;
 - h. the student's average grade, weighted by credits (Grade Point Average, GPA). The diploma supplement indicates how the average grade is calculated.
5. The Programme Director determines if a special distinction (such as cum laude) is applicable to the degree programme, and determines the requirements to qualify for a special distinction (see Article 6.3). Awarding the diploma and (the consideration for) awarding a distinction such as cum laude lies with the Examination Board⁹. If the Examination Board has awarded a specific distinction (e.g. cum laude) to the student, then this is to be mentioned on the diploma.
 6. Students who have successfully completed more than one examination but cannot be awarded a diploma as referred to in paragraph 1 of this article, will receive, at their own request, from the Student Services Desk a statement prepared by or on behalf of the Examination Board which in any case will state the results of the examinations the student in question has passed.

ARTICLE 6.3 CUM LAUDE

1. When students have demonstrated exceptional competence and ability in their master programme, this can be stated on the diploma with the words 'Cum Laude'.
2. The Examination Board awards this judicium when a student meets each of the following conditions:
 - a. The average of all assessment grades for the examination components, excluding the graduation project, is at least 8.0 (not counting extra courses).
 - b. At most, one 6.0 is awarded. The assessments of all other examination components of the programme, including extracurricular courses, are at least 'satisfactory' ('V', 'VR' or 7.0).
 - c. The final grade for the graduation project is at least 8.5 (rounded).
 - d. Any exemptions are for no more than 10 EC of the examination components.
 - e. The programme was completed within 2.5 years, and the double degree programme was completed within in 3 years and 9 months. Unless exceptional circumstances, as evaluated by the Examination Board, justify a longer period. Such exceptional circumstances include in any case the circumstances acknowledged by the granting of graduation support.
 - f. No fraud was committed during the entire programme.
 - g. All study units were passed without repeating. Resits for satisfactory or unsatisfactory results are not permitted.
3. If these guidelines are not fully met, the chairman of the graduation committee can submit a substantiated proposal to the Examination Board to award the designation 'Cum Laude'. In that case, the special circumstances and the exceptionality of the achievement must be properly substantiated.

⁹ Personal circumstances are taken into account. If it considers activism, an acknowledged fulltime board year is excluded from the calculation of the nominal study load for cum laude.

SECTION 7 STUDENT GUIDANCE AND FACILITIES

Explanatory notes: Article 7.13 paragraph 2u and Article 7.59 WHW, article 7.13 paragraph 2m WHW and article 2 of the Equal Treatment of Disabled and Chronically Ill People Act (WGBH/CZ).

ARTICLE 7.1 STUDENT GUIDANCE

1. The Faculty Board is responsible for student guidance.
2. Student support and guidance includes 'decentralized' guidance, as provided within degree programmes, and 'central' guidance, as provided by the Centre for Educational Support.
3. Student guidance includes guidance with questions or problems with regard to career orientation and career choices and guidance with problems that affect study progress. Students are offered personal and professional student (career) guidance for optimal study progress. Where possible, needs for specific guidance are met.
4. Each student is assigned a study adviser.
5. The study adviser supervises students and advises them on all aspects of the studies, also on personal circumstances that may be affecting the student's studies.
6. A systematic method on how students are monitored and obstacles in study progress are signalled is documented by the programme (for example in a policy plan or an annual cycle).
7. Information about the guidance facilities of the degree programme is in any case available on the website of the degree programme.

ARTICLE 7.2 SPECIAL FACILITIES

1. If students wish to exercise their right to specific supervision or special facilities, they should contact the study adviser. The study adviser will record the agreements made with the student in Osiris.
2. A student is entitled to special facilities in case of demonstrable circumstances beyond the student's control or extenuating personal circumstances. The facility may provide for dispensation from or an additional opportunity to sit examinations or tests to be granted and/or for specific facilities to be made available. Such dispensation and additional resits may only be granted by the Examination Board (Article 1.1 paragraph 2).
3. Personal circumstances include illness, physical, sensory or other functional disability or pregnancy of the student involved, extenuating family circumstances, participation in top-level sports or arts and membership of the University Council, Faculty Council, Programme Committee or a Category 3 or 4 board (student activism) in accordance with the FOBOS Regulations.
4. Students may file a request (supported by documentary evidence) for assessment of their personal circumstances to the Personal Circumstances Committee (CPO). This request is to be filed in consultation with the study adviser. The CPO will assess the validity, nature, severity and duration of the personal circumstances and will issue an advisory opinion on these matters. The CPO's advisory opinion, issued to the Programme Director and the study adviser concerned, will be taken into account in the Programme Director's decision-making referred to in paragraph 3.

ARTICLE 7.3 STUDYING WITH A FUNCTIONAL IMPAIRMENT

1. A functional impairment is defined as having an illness, condition, impairment or handicap that might impede or otherwise constitute a barrier to the student's academic progress.
2. Facilities are to be aimed at removing individual barriers in following the degree programme and/or when it comes to taking examinations and tests. These facilities may be related to access to infrastructure (buildings, classrooms and teaching facilities) and study materials, adjustments to the form of assessment, alternative learning pathways or a customised study plan.

ARTICLE 7.4 REQUEST FOR FACILITIES

1. The study adviser and the student concerned will discuss the most effective facilities that can be provided for the student.
2. Based on the discussion referred to in paragraph 1, the student is to submit a request for facilities. This request should be submitted to the study adviser, who has been mandated by the Faculty Board, preferably three months before the student is to participate in classes, examinations and tests for which the facilities are required.
3. The request should be supported by documents that are needed to enable an assessment to be made.
4. The study adviser will decide on the admissibility of the request and will inform the student of the decision within twenty working days after receipt of the request or sooner if the urgency of the request dictates.
 - a. Should the request be granted, the period of validity will also be indicated.
 - b. If the request is not granted, or only partly granted, the study adviser will inform the student of the justification for not granting the request as well as the possibilities for filing an objection and an appeal with the Complaints Desk.
 - c. Students who are dyslexic will be granted a maximum of 15 extra minutes for each hour that a test or examination is officially scheduled.
5. The study adviser shall inform the relevant parties in good time about the facilities that have been granted.
6. The applicant and the study adviser will evaluate the facilities before the end of the period for which they have been granted. During this evaluation, the parties discuss the effectiveness of the facilities provided and whether they should be continued. No evaluation takes place of facilities granted to students because of the functional impairment dyslexia.

SECTION 8 FINAL PROVISIONS

ARTICLE 8.1 CONFLICTS OF THE REGULATIONS

If other additional regulations and/or provisions pertaining to education and/or examinations conflict with this EER, the provisions in this EER will prevail.

ARTICLE 8.2 ADMINISTRATIVE ERRORS

If, following the publication of a result, a marks sheet, or a student's progress report a manifest error is discovered, the discoverer, be it the university or the student, is required to make this known to the other party immediately upon finding the error and to cooperate in rectifying the error.

ARTICLE 8.3 AMENDMENTS TO THE REGULATIONS

1. Substantive amendments to these Regulations are enacted by the Faculty Board in a separate decision.
2. In principle, substantive amendments to these Regulations do not apply to the current academic year. Amendments to these Regulations may apply to the current academic year if the interests of the students are not prejudiced within reasonable bounds, or in situations of force majeure.
3. Amendments to these Regulations have no effect on earlier decisions by the Examination Board.

ARTICLE 8.4 TRANSITIONAL ARRANGEMENTS

1. In the case of amendment of these education and examination regulations, the Faculty Board will adopt a transitional arrangement, as necessary.
2. The transitional arrangement is to be published on the degree programme's website.
3. Changes to the curriculum are to be announced prior to the academic year in which the changes take effect. No guarantee can be made that all programme courses that were part of the curriculum when students enrolled in a programme will continue to be part of the curriculum. The final master's examination is to be based on the curriculum most recently adopted by the Faculty Board.
4. The transitional arrangement will always include:
 - a. agreements or rules on following the courses which are equivalent to the courses mentioned in the Appendix of this document that will no longer part of the curriculum;
 - b. an indication that if a course that does not involve a practical exercise is dropped from the curriculum, then students are to have at least two opportunities in the following academic year to take a written or oral test or examination or to undergo another form of assessment;
 - c. an indication that if a course with practical exercises is dropped from the curriculum and there is no opportunity in the subsequent academic year to complete the practical exercises concerned, then at least one course will be designated that may be completed as a substitute for the course that has been dropped;
 - d. the period of validity of the transitional arrangement.
5. The transitional arrangement must be approved by the Examination Board.
6. In exceptional cases and to the student's benefit, the Examination Board may deviate from the prescribed number of opportunities to sit examinations and/or tests related to courses that have been dropped from the curriculum.

ARTICLE 8.5 ASSESSMENT OF THE EDUCATION AND EXAMINATION REGULATIONS

1. The Faculty Board is responsible for the regular assessment of the education and examination regulations, with specific emphasis on the study load.
2. Based on Article 9.18 WHW, the Programme Committee has a partial right of consent of and a partial right to be consulted on parts of the education and examination regulations.
3. The Programme Committee is responsible for the annual assessment of the manner in which the education and examination regulations are implemented.

ARTICLE 8.6 APPEAL AND OBJECTIONS

An appeal and objections must be submitted in writing to the [University of Twente Complaints Desk](#) within six weeks after notification of a decision to the student.

ARTICLE 8.7 HARDSHIP CLAUSE

In cases of demonstrable unreasonableness and unfairness of a predominant nature, the Examination Board, the Faculty Board or the Programme Director may deviate from its stipulations, provided that doing so does not negatively affect the student. This depends on which body is authorised or has the duty according to these Regulations to take a decision on or make an exception to a provision in these Regulations. This decision must be motivated and announced in writing to the student, the Examination Board, the Faculty Board, the Programme Director or the Office of Educational Affairs (BOZ).

ARTICLE 8.8 PUBLICATION

The education and examination regulations and the Examination Board's rules and regulations are to be published on the degree programme's website.

ARTICLE 8.9 ENTRY INTO FORCE

These Regulations enter into force on 1 September 2026 and replace the Regulations dated 1 September 2025. Adopted by the Faculty Board, having regard to Article 9.5, 9.15 paragraph 1a, 7.13 paragraph 1 and 2, 9.38b, 9.18 paragraph 1a and 7.59 WHW, and after approval by the faculty council.

APPENDIX A: CURRICULUM INFORMATION

In the figure below an overview is given of the IDE courses.

The complete programme of courses can be found in the ISPs of the different tracks.

	First/Fifth quartile	EC	Second quartile	EC	Third quartile	EC	Fourth quartile	EC
	Course		Course		Course		Course	
Management of Product Development	192850730 Governing Product Development	5	192850740 Product Life Cycle	5	202600142 Research methods for IDE	5	201000201 Virtual Reality	5
	192850910 Packaging Design & Management I	5	192851010 Packaging Design & Management 2	5	201500518 Advanced 3D Modelling	5	191127520 Lean Six Sigma / green belt	5
			201000201 Virtual Reality	5	192850960 Intellectual Property in Product Development	5		
			201600361 Distributed Product Development Project	5	192850750 Product Life Cycle Management	5		
	[varies] <i>Capita Selecta</i>	5	[varies] <i>Capita Selecta</i>	5	[varies] <i>Capita Selecta</i>	5	[varies] <i>Capita Selecta</i>	5
Human Technology Relations	201700019 Brand Management	5	201400180 Multisensory Design	5	202600142 Research methods for IDE	5	201500133 Embodied Interaction	5
	202100122 Create the Future	5	200900077 Graphic Language of Products	5	202100156 Conceptual Design Methods	5	201700008 Design and Behaviour Change	5
	201200064 Science and Technology studies	5			201200137 Design Histories	5		
					202001492 Design Thinking for Service and Business Innovation	5		
	[varies] <i>Capita Selecta</i>	5	[varies] <i>Capita Selecta</i>	5	[varies] <i>Capita Selecta</i>	5	[varies] <i>Capita Selecta</i>	5
Emerging Technology Design	192850840 Sources of Innovation	5	192850870 Surface Engineering for Look and Feel	5	202600142 Research methods for IDE	5	201000212 Smart Environments Integration Project	5
	201200146 Maintenance Engineering & Management	5	201500009 Electric Vehicle System Design	5	201000159 Durability of Consumer Products	5	202100313 Nature Inspired Design	5
	201400103 3D Printing: Processes & use	5	201500008 Empirical Methods for Designers	5	201800156 Biomechanics of human movement	5	202200055 Smart Mobility	5
	202400400 Integrative Design of Biomedical Products	5			201500235 Design for Maintenance Operations	5	202000248 Soft Robotics	5
	191121720 Design, Production & Materials	5			202100128 Design for Additive Manufacturing	5		
	202200100 Systems Engineering	5			201400046 Experimental Methods	5		
	[varies] <i>Capita Selecta</i>	5	[varies] <i>Capita Selecta</i>	5	[varies] <i>Capita Selecta</i>	5	[varies] <i>Capita Selecta</i>	5

APPENDIX B: PROCEDURE FOR MASTER EXAMINATION, COLLOQUIUM AND AWARDING THE DEGREE

The programme can proceed to the award of the master's degree certificate when the student has met the following requirements:

1. Well before the graduation the student contacts the graduation supervisor in order to determine the graduation committee, graduation date and room. Also, see the Graduation Handbook and/or the relevant graduation regulations within the Department;
2. The student ensures that the 'Registration for the master's degree award' form and the colloquium form countersigned by the graduation supervisor are handed in at the Educational Affairs Office (BOZ) four weeks (20 working days) before the examination;
3. BOZ sends the student an e-mail (and a copy to the graduation supervisor) with information on not-yet-completed study phases(s) and a request to check this data within a week. When it's necessary to tidy things up, change, delete and/or add courses, the student needs to hand in a copy of the 'Form for proposal for changes to master's courses' countersigned by the specialization coordinator at BOZ;
4. Immediately thereafter BOZ checks all study data and, where applicable, the form proposals for changes;
5. The marks of all courses, except the graduation project, must be handed in at BOZ three weeks before the examination;
6. If all requirements for passing have been met, BOZ registers the student with Student Services (in writing two weeks before the examination);
7. The student ensures that at the time of the colloquium he is registered for the programme of the UT;
8. Student Services checks whether the student has met all (registration) requirements;
9. Once each week, BOZ authenticates and registers all the relevant degree certificates at Student Services.
10. About one week before the examination, the student hands in the master thesis (Word or PDF) in digital form, preferably by e-mail, at BOZ.
11. When the rules above have been met and the examination has been completed successfully, the student can immediately after the examination sign and receive the degree certificate which is signed by a member of the IDE Examination Board. The diploma supplement is also awarded.
In exceptional circumstances, BOZ may not be able to hand over the degree certificate in time for the award directly after the colloquium. The degree certificate can be obtained at a later time arranged by BOZ or the Department.
12. After the final mark of the examination has been processed by BOZ, the transcript of records is sent to the student as soon as possible.

In exceptional circumstance, if condition 5 has not been met, the graduation project (colloquium and cross-questioning) can be carried out, subject to the approval of the Programme Director. If the project has been completed successfully – and after all requirements for the examination have been satisfied – the degree certificate, supplement and related transcripts can be collected in person at the Office of Educational Affairs. In such a case, the degree certificate is signed by a member of the IDE Examination Board in advance.

All the forms mentioned above can be obtained from the Office of Educational Affairs or can be downloaded from the IDE website: https://www.utwente.nl/en/ide/masters_programme/

APPENDIX C: CURRENT TRANSITIONAL ARRANGEMENTS

1. In the event of changes to the rules for the composition of an examination that consists of multiple results, the calculation of the final result/the minimum grade for successful completion of a unit/the validity of the resit for the units will be determined based on the rules of the examination of the year in which the result was obtained.
2. In the event of a significant change to an existing course (more than 50% of the course matter), a student who has at least once taken part in an examination for the relevant course prior to the change, is entitled to two scheduled opportunities to resit the examination in its old form in the subsequent academic year. In such cases, the student must inform the teacher at the beginning of the course to discuss how the course can be completed. In the event of such a change in the course matter, the students must be informed of this fact and this regulation.

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