MISKOLCI EGYETEM

REGULATION ON THE STUDENT REQUIREMENTS SYSTEM

OF THE

FACULTY OF MECHANICAL ENGINEERING AND INFORMATICS

Regulation No. **1.3.3**

Effective date: 1 December 2024

GENDER DISCLAIMER

The masculine form used in this document always refers to female, male and diverse persons simultaneously. Exclusively for the purpose of better readability, the gender-specific spelling as well as multiple designations are not used. All personal designations are therefore to be understood as gender-neutral.

Edition and version number: A10
Responsible for preparation: Dean of the Faculty of Mechanical Engineering and Informatics of the University of Miskolc
Responsible for publication: Dean of the Faculty of Mechanical Engineering and Informatics of the University of Miskolc
Faculty Council Resolution number: 69/2024.
Date of entry into force of the Regulations: 1 December 2024

Table of contents

PREAMBLE

The Faculty of Mechanical Engineering and Informatics of the University of Miskolc, in relation to Volume III, the Student Requirements System, of the Organizational and Operational Regulations of the University of Miskolc and the legislation in force, adopts the following provisions expressing the specific characteristics of the Faculty.

Chapter I
Purpose of the Regulations
Section 1

(1) The purpose of these regulations (hereinafter: the Regulations) is to provide a uniform regulatory framework for the tasks and operating procedures of the Faculty of Mechanical Engineering and Informatics of the University of Miskolc (hereinafter: the Faculty) with regard to the admission procedure, study and examination rules, rules on reimbursements and allowances.

Legal context and scope of the Regulations
Section 2

(1) Basic legislation and other mandatory documents covering the areas set out as the purpose of the Regulation:

a) Act CCIV of 2011 on National Higher Education,
b) Government Decree No. 423/2012 (XII.29.) on the higher education admission procedure,
c) Government Decree 248/2012 (VIII. 31.) on certain provisions necessary for the implementation of Act CCIV of 2011 on National Higher Education,
d) Government Decree No 87/2015 (IV. 9.) on the implementation of certain provisions of Act CCIV of 2011 on National Higher Education,
e) Government Decree No 51/2007 (III. 26.) on the allowances and certain reimbursements payable by students participating in higher education,
f) Volume III, Student Requirements System (hereinafter: SRS), of the Organizational and Operational Regulations of the University of Miskolc
g) and other related legislation in force at the time

(2) The personal scope of the Regulations shall also extend to employees teaching and not teaching at the Faculty, as well as to students studying at the Faculty and students subject to Act CXXXIX of 2005 on Higher Education (hereinafter: HEA), provided that the rules in force at the time of the establishment of the student legal status shall apply to them.

(3) Temporal scope of the Regulations: from the date of entry into force until their revocation.

Chapter II
Admission Regulations

Section 3

The scope of the Admission Regulations extends to the trainings announced by the Faculty of Mechanical Engineering and Informatics of the University of Miskolc (hereinafter: the Faculty) in the Higher Education Admission Prospectus and to the paid/self-funded trainings of non-Hungarian citizens in foreign languages.

Professional aptitude test
Section 4

Repealed.

Faculty rules governing master programmes
Section 5

(1) The entry and admission requirements for the master programme can be found in the current Admission Prospectus. To apply for a master programme, one must have a tertiary degree and professional qualifications.

The applicant should always find out whether his previous higher education studies can be counted towards full credit value or whether he is required to complete additional credits. In the latter case, he should apply to the Faculty's Master's Degree Preliminary Credit Recognition Committee (in the engineering or informatics field of study) to determine which additional credits are required for the completion of the chosen master degree programme. A copy of the diploma and the academic record book, as well as the extracts of the contents of the subjects to be credited must be attached to the application for preliminary credit recognition, which can be downloaded from the Faculty's website. The Committees are required to examine the applications received within 15 working days. The applicant will receive the decision in writing.

(2) The professional and motivational interviews organised by the Faculty are conducted by the Examination Committees appointed by the Admission Committee and invited by the Dean of the Faculty. The Examination Committees are composed of four members: a chairperson, two members of the teaching staff and a student representative.

(3) Calculation of points: the maximum total score is 100, with a maximum of 10 additional points.

a) 90 points can be obtained:
b) Based on the grade of the diploma: a maximum of 45 points (grade of the diploma x 9) and
c) Professional and motivational interview: maximum 45 points, or
d) Doubling the points of the professional and motivational interview: maximum 90 points.

e) The legal title, amount and the procedure for determining the maximum 10 additional points are established annually by the Faculty Admission Committee and are set out in the current Admission Prospectus.

f) At the end of the professional and motivational interview, the Examination Committees announce the results achieved. The results are recorded in the "Gólya" System (i.e. the admission system) by the faculty member in charge.

(4) Admission requirements for foreign students applying for a master degree programme in a foreign language:

a) a degree obtained in a bachelor programme in line with the field of the master's degree;

b) successful completion of a professional and motivational interview (also via the internet);

c) the application fee and the self-funding fee are set by the Faculty Council, taking into account the recommendations of the university, and are published in accordance with the relevant university regulations.

(5) The procedural fee for the professional and motivational interview is set out in Annex 5.

Postgraduate specialisation programmes
Section 6

(1) The Dean of the Faculty or a competent programme supervisor appointed by the Dean is responsible for the execution of the admission procedure of the Faculty's postgraduate specialisation programmes.

(2) In the event of oversubscription, the Dean of the Faculty will be consulted by the programme supervisor regarding the ranking of applicants.

(3) In the case of applications for postgraduate specialisation programmes, the applicant shall pay a procedural fee in accordance with the provisions of Section 10(2) of SRS, the amount of which is set out in Annex 5.

Setting the admission threshold
Section 7

(1) During the admission threshold setting procedure for the trainings announced by the Faculty, the Dean of the Faculty, in consultation with the persons in charge of the degree programmes, is entitled to decide on possible changes.

Rules on transfer
Section 8

(1) Faculty specialities for transfer to bachelor and master degree programmes (from the applicant's own or other institutions):

a) During his previous studies, the transferring student

aa) has completed at least two active semesters in higher education and has earned at least 30 credits in his last two active semesters; or

ab) has completed exactly one active semester in higher education and has earned at least 20 credits.

b) The request must be submitted to the Dean of the Faculty by filling in the "Request for inter-institutional transfer" form published on the Faculty website.

(2) Conditions for changing work order within the faculty:

a) During his previous studies,

aa) the person transferring from full-time work order to correspondence work order has completed at least one active semester;

ba) the person transferring from correspondence work order to full-time work order meets the conditions governing transfer set out in paragraph (1).

b) The request for a change of work order must be submitted to the Dean of the Faculty by filling in the "Request for inter-institutional transfer" form available on the Faculty website.

(3) Students transferred from external training to Miskolc training shall be classified according to the student's previous choice of subspecialisation, provided that the subspecialisation concerned is taught in the given year. If there is no training in the specialisation concerned in the given year, the Study Committee is entitled to decide on the classification.

(4) Reclassification does not mean any change in the dual legal status of dual students transferred from external training to Miskolc training, these students should be classified as students participating in dual study programme in Miskolc training.

(5) A change of training location from Miskolc training to an external training location may not be initiated.

(6) The transfer application is subject to a procedural fee, the amount of which is set out in Annex 5 and must be paid at the same time as the application is submitted.

If the number of students enrolled for the given semester in a degree programme started at a training location other than Miskolc is less than 10, the training will continue at the Miskolc location, subject to the approval of the Rector. The faculty will immediately inform the students concerned, who can submit their request for a change of the training location by 15 September in the autumn semester and by 15 February in the spring semester.

Enrolment in additional subspecialisations/blocks/changing subspecialisations
Section 9

(1) The simultaneous enrolment in several subspecialisations/blocks within the same degree programme is not considered as parallel studies.

(2) A student in a subspecialisation may apply for admission to another subspecialisation/block in the same degree programme, on a paid/self-funded basis. Final examinations for the subspecialisations in the same degree programme can only be taken in the same final examination period.

(3) Students can only change subspecialisations/blocks in the semesters allowing choice.

(4) After the assignment to a subspecialisation/block, a change of subspecialisation/block can be requested in a student application submitted to the Dean's Office:

a) Before moving to a subspecialisation/block, a student may change if his academic result meets the entry requirements for the new subspecialisation/block and there are places available in the chosen subspecialisation/block.

b) A student already in a subspecialisation/block who intends to change his subspecialisation/block must participate in a new selection process according to Section 10. The application is subject to a fee, the amount of which is set out in Annex 5 and must be paid at the time of submission.

Postgraduate specialisation programmes
Section 10

(1) For the acquisition of postgraduate specialisation training, applicants who are not in a student legal status, can enrol in any subject announced by the Faculty if they hold a degree acquired in a bachelor or master programme and a professional qualification attested by a diploma. Additional conditions:

a) Application is subject to a fee, the amount of which is set out in Annex 5 and must be paid at the time of submission.

b) How to apply: every semester in writing, indicating the name and code of the subjects one wishes to take. Deadlines for the submission of applications are 30 June for admission to the autumn semester and 15 January for admission to the spring semester.

c) The basis of the paid fee / self-funding fee of the training is 11,000 HUF/credit.

d) The duration of the programme is at least 2 semesters.

e) The Faculty issues a credit certificate for the completed subjects.

Visiting student legal status
Section 11

(1) The conditions for the establishment of visiting student legal status are determined individually by the Faculty Study Committee.

(2) The application fee is set out in Annex 5 and must be paid at the same time as the application is submitted.

(3) A paid procedural fee/self-funded fee: HUF 11,000/credit.

(4) The Faculty issues a credit certificate for the completed subjects.

Chapter III
Studies and Examinations Regulations

The curriculum
Section 12

(1) The Faculty will design the recommended curricula (hereinafter: the curriculum) in such a way that the workload of students following the curriculum is consistent over successive semesters and can be met with sufficient diligence. A student may deviate from the curriculum, but our experience over many years has shown that progressing according to the curriculum provides the greatest assurance of successful progress. The Faculty implements necessary updates and changes to the curricula in a phasing-in system, so that students progressing according to the curriculum will not face additional tasks compared to the requirements at the time of their entry.

(2) In the case of external training, the Faculty provides external teaching of the recommended curriculum of the training. Students who are not following the recommended curriculum in the given semester can only take courses not included in the recommended curriculum at the external training location if there are at least 10 students in the year concerned and the course is in progress, otherwise they can take the given subject by enrolling in the relevant course at the Miskolc training location.

Subspecialisation selection process
Section 13

(1) At the Faculty, the subspecialisation/block selection is done through the Neptun system. Assignment is based on the average of the grant index of the last two completed active semesters (descending order) and the priorities indicated by the student (ascending order). If a subspecialisation/block has fewer students than the minimum number of students, the subspecialisation/block will be excluded and a new assignment will be made.

(2) After the publication of the list of expected subspecialisations/blocks, the student can modify his original choice and order through the Neptun system.

(3) The criteria for choosing a subspecialisation/block may vary from one degree programme to another. Once the conditions for entry to the subspecialisation/block set out in the curriculum have been met, the final assignment will be determined at the end of the examination period at the end of the semester in which the subspecialisation/block is chosen. If at that time the number of students in a subspecialisation/block falls below the minimum number of students allowed, the subspecialisation/block will be excluded, and a new assignment will be made.

(4) Students will receive a separate notification of the final result.

(5) Admission to a subspecialisation/block is only possible in the semester of the recommended curriculum.

(6) Appeals against an assignment may be lodged with the Faculty's Study Committee, solely on the grounds of a procedural or formal error.

Bodies and persons in charge of academic and examination matters
Section 14

(1) The Faculty Study Committee has eight members, four lecturers and four student representatives. The Committee may, at its discretion, invite additional members with the right to deliberation in individual cases.

(2) The Faculty Admission Committee consists of three members, two lecturers and one student representative. Its chairperson is the Vice-Dean of the Faculty in charge of educational affairs.

(3) The Faculty has two Credit Transfer Committees, one for the technical field of study and one for the informatics field of study. The members are three lecturers and two students per committee. The chairperson is the Vice-Dean of the Faculty in charge of educational affairs.

Timetable of the academic year
Section 15

(1) Teaching within the correspondence work order is done on assigned weekends during the study period of the semester, according to the specificities of the training.

(2) In full-time and correspondence work order classes, the duration of one lesson is 45 minutes.

Provisions applicable to applicants for dual study programmes
Section 16

(1) The faculty also offers all degree programmes in dual study programmes for which there is a contractually supported demand from industry/companies. Students in the dual study programme receive the same training as students in the traditional form of training in terms of institutional training. For students in the dual study programme, the time spent at the company during the study period will be provided by the faculty through a timetabling solution. The "university phase" consists of fourteen 4-day weeks of study per semester, the "company phase" consists of a registration week, at least one day per week of study, part of the examination period and the summer phase, which, including the 4 weeks of annual leave, makes a total of 26 weeks per year. Corporate partners ensure that students in the dual training programme attend the examinations.

The student's enrolment and registration obligation
Section 17

(1) The deadlines for enrolment (semester 1) and registration (later semesters) of students admitted to the external training are the end of the 3rd day of registration week.

Participation in the sessions
Section 18

(1) The Study Committee or the Dean of the Faculty may, in exceptional and justifiable cases, certify to the educational organisational unit the absence of the attendance of the classes required as a condition for the end-of-semester signature.

Preferential study regime, individual preparation
Section 19

(1) Upon their request, students may follow a preferential study regime:

a) a student enrolled in a parallel training if he has a grant index of at least 3.0 in his major field of study in the semester preceding the semester of application,

b) a student participating in a postgraduate specialisation programme,

c) a Member of the Presidium of the Students' Union,

d) a student in a bachelor programme executing intern's tasks who has completed at least 120 credits in his training or at least 90 credits in his training and has achieved a grant index of at least 4.0 in each of his active semesters, for whom the Study Committee will make an individual decision; attaching a certificate issued by the company of employment is also necessary,

e) a student in a master programme executing intern's tasks, for whom the Study Committee will make an individual decision; attaching a certificate issued by the company of employment is also necessary,

f) a master's student who has been required by the Preliminary Credit Recognition Committee to complete missing BSc subjects,

g) a student with personal circumstances deserving special merit (health reasons),

h) a student on a period of study abroad and/or practical training,

i) a student with outstanding sporting achievements, as decided by the Study Committee.

Improvement of the grade of a successful examination
Section 20

(1) If the other conditions are fulfilled, a successful examination may be improved at the latest before the start of the final examination.

Calculation and recording of academic results
Section 21

(1) If the student has completed more than 30 credits (in the given semester), the total number of credits completed is included in the denominator for the calculation of the credit index.

The dissertation and the thesis
Section 22

(1) The following shall be applied as a general rule, supplemented by the code of procedures drawn up by the educational organisational units of the Faculty.

(2) The thesis/dissertation topics - by indicating the consultant/design supervisor - must be announced by the educational organisational units before the beginning of the examination period of each semester. The announced topics are published on the website of the educational organisational unit or on the notice board of the educational organisational unit.

(3) On the basis of the practical training/work experience, the student chooses a thesis/dissertation topic from the thesis/dissertation topic proposals announced by the educational organisational unit managing the degree programme/subspecialisation. A different topic may be chosen if the lecturer/researcher requested by the student is willing to act as a consultant. The topic must be submitted to the educational organisational unit responsible for the degree programme/subspecialisation.

(4) Deadline for the announcement of the thesis/dissertation: the end of the first week of the study period of the recommended curricular semester of the thesis/dissertation.

(5) In the phased-out bachelor curricula, a student who has completed the Complex Design/Project Task subject and the required *rigorosum* (*rigorosa*), or who has earned up to 15 credits less than that in the recommended curriculum by the semester of admission, may take the thesis subject. The requirements for enrolment in the thesis subject for the bachelor programme curricula introduced in the 2014/2015 academic year in an ascending system are set out in the curriculum.

(6) The educational organisational unit appoints the student’s plan supervisor and internal consultant.

(7) The external consultant may be a professional with expertise in the topic, with a tertiary degree who is invited by the head of the educational organisational unit.

(8) Thesis/dissertation consultations are based on the regulations of the educational organisational unit and the agreement and schedule with the consultants.

(9) The thesis/dissertation that has been classified as eligible for submission is handed in at the administration of the educational organisational unit. The submitted paper will be marked by the educational organisational unit with the unique identifier it normally uses.

(10) The formal requirements, structure and procedure of the preparation of the thesis/dissertation are regulated by the educational organisational units in separate codes of procedures and published on their websites in a downloadable form. The code of procedures shall specify the following:

a) general and formal requirements of the thesis/dissertation,
b) the requirements towards the foreign-language summary,
c) the formal and content requirements of references,
d) form - thesis/dissertation external/internal evaluation,
e) form - in the case of an external consultant, certification of own work,
f) form - certificate for uploading into the MIDRA system.

(11) The student is required to attach the completed declaration of authenticity (Annex 1) of the thesis/dissertation at the beginning of the paper, after the task assignment.

(12) The Faculty of Mechanical Engineering and Informatics, as part of its commitment to transparency, allows the confidentiality of theses and dissertations and their defence only in justified cases. The request for confidentiality must be submitted in writing by the student to the head of the responsible educational organisational unit at the time of the announcement (Annex 2). If the application is accepted, the handling of the thesis/dissertation marked confidential, and the execution of the defence will be carried out in accordance with the previously established practice of the educational organisational unit.

(13) Submission of the thesis/dissertation:

a) by the date of the academic timetable approved by the Senate,
b) until the last working day of the 1st week following the deadline for submission, the educational organisational unit is responsible for granting deferrals,
c) until the last working day of the 2nd week following the deadline for submission, deferral is possible with the Dean's permission, the fee for which is set out in Annex 5.
d) the student may no longer submit his thesis/dissertation after the end of the deferral period. The subject is graded as unsatisfactory, and the student must retake the course.

(14) A thesis/dissertation that has been classified as eligible for submission must be submitted to the administration of the educational organisational unit in at least one bound hard copy. One copy must be kept by the educational organisational unit.

(15) All students taking the final examinations must submit the complete package including all annexes of the thesis/dissertation, in electronic form to the administration of the educational organisational unit at the same time as the deadline. Electronic submission may be in CD or other electronic format, as specified by the educational organisational unit.

(16) After a successful final examination/defence, the thesis/dissertation shall be uploaded to the university's MIDRA system (midra.uni-miskolc.hu), which each student himself is responsible for. Uploading can only take place after a positive notarial statement. When uploading, the student must declare that the printed version and the electronic version uploaded into the MIDRA system are fully identical in content, that they are confidential and that he agrees to free textual access. The library will issue a certificate of successful uploading. This certificate

must be handed in by the student to the Academic and Quality Assurance Directorate as a condition for the award of the diploma.

(17) The grade of the diploma is determined on the basis of the final examination result rounded to two decimal places as follows:

a) excellent if the final examination result is between 4.51 and 5.00
b) good if the final examination result is between 3.51 and 4.50
c) satisfactory if the final examination result is between 2.51 and 3.50
d) pass if the final examination result is between 2.00 and 2.50.

The final examination subjects of the degree programmes and the method of calculating the final examination results by subspecialisation are set out in Annex 4.

(18) In the case of a request for corporate confidentiality of the thesis/dissertation, the order of procedure governing confidential handling applies, with the addition that anyone who, in the course of consultation/evaluation/defence/introduction/storage of the thesis/dissertation, comes into possession of information that constitutes the intellectual property of the organisation concerned, must issue a Declaration of Confidentiality in accordance with Annex 2/A).

Final examinations
Section 23

(1) The final examinations will be held at the registered seat of the University of Miskolc. Final examinations at external training locations are only possible with the approval of the Faculty Council.

Criteria for the award of the Commemorative Medal for Studies for students of the Faculty
Section 24

(1) In 1967, the Council of the Faculty of Mechanical Engineering of the University of Miskolc founded the Commemorative Medal for Studies to reward outstanding students, which is issued in a renewed form - set out in a separate Founding Charter - from 2020.

(2) The Commemorative Medal for Studies is available in gold, silver and bronze.

(3) The Commemorative Medal for Studies shall be accompanied by a Certificate of Merit (Annex 3).

(4) The Dean may grant a bonus with the Commemorative Medal for Studies.

(5) All students enrolled in the Faculty's bachelor and master programmes who comply with the principles laid down in the Founding Charter, who have not had a credit index of less than 3.00 in any semester of their bachelor degree programme, and who have not had a credit index of less than 3.50 in any semester of their master degree programme, and have completed at least 58 total

credits in the last two semesters prior to the award of the medal, have achieved the required study credit index for the degree in both semesters and is in an active student legal status at the faculty at the time of the award receive the Commemorative Medal for Studies decoration.

(6) In the first year, the Faculty Council awards a bronze degree to the student who has completed 29 credits in the first semester and achieved a 4.60 study credit index.

(7) The Dean's Office of the Faculty will compile the list of those eligible for the Commemorative Medal for Studies by 20 February of the current year, based on the data in the Neptun system. For the awarding of the different classes of the Commemorative Medal for Studies, the average grades achieved during the two academic semesters are taken into account:

a) gold class shall be awarded to a student whose credit index, rounded to two decimal places, is equal to or exceeds 4.80 in both semesters,

b) silver class shall be awarded to a student whose credit index, rounded to two decimal places, is equal to or exceeds 4.60 in both semesters,

c) bronze class shall be awarded to a student whose credit index, rounded to two decimal places, is equal to or exceeds 4.40 in both semesters.

(8) Students who are in their 8th (7th in the case of computer programming design specialist degree programme) semester of a BSc or 5th or further active semester of an MSc training at the time of the award are not eligible for the Commemorative Medal for Studies. A student who has an active student legal status at the faculty may be awarded the Commemorative Medal for Studies on the basis of the academic results of his previous training, provided that the requirements of Section 23(5)-(7) are met, only if he has obtained a certificate of completion (*absolutorium*) in his previous studies in a bachelor programme in a maximum of 7 (in the case of computer programming design specialist degree programme 6) active semesters and in a master degree programme in a maximum of 4 active semesters.

(9) Conduct unbecoming a university student, disciplinary sanctions in force will disqualify students from receiving the Commemorative Medal for Studies.

(10) The proposal must be sent to the members of the Faculty Council at least one week before the Faculty Council meeting.

(11) The Commemorative Medal for Studies will be presented by the Dean of the University of Miskolc at the commemoration ceremony on 15 March.

(12) The awarding of the Commemorative Medal for Studies must also be entered as an official record in the student's electronic academic record book and in the diploma supplement:

For his outstanding academic work, the Faculty Council awarded him the Gold/Silver/Bronze class of the Commemorative Medal for Studies.
Miskolc, 15 March 20...

(13) The Dean's Office keeps an official record of the Commemorative Medals for Studies awarded.

(14) The Faculty will support and give preference to students awarded the Commemorative Medal for Studies during their studies (e.g. demonstrator appointments, special scholarships, etc.).

Chapter IV
Regulations on Fees and Allowances

Paid/self-funded models
Section 25

(1) Calculation of the fee of paid fees of students subject to HEA:

a) 40% of the total paid fee approved by the Faculty Council for the academic year in question is the basic fee, and 2% of the total fee per credit point per subjects taken is added to the basic fee,

b) if a student participating in the paid training format enrols in a CV examination course for the current semester, he pays 0.8% of the total paid fee per credit point in addition to the basic fee,

c) for taking extra credits (credits above the number of credits required by the recommended curriculum for the semester), the student pays an additional 1% of the total paid fee per credit,

d) a student who applies for the recognition of a subject successfully completed in another degree programme or institution and receives permission, may apply for the amount for the subjects recognised to be credited from the amount of the paid fee defined above in the current semester,

e) the amount of the paid fee established on the basis of the above shall be rounded to thousands of Forints in accordance with the rounding rules.

(2) Students who are not supported by a state scholarship under NHEA pay a self-funding fee.

(3) The paid fee/self-funding fee of a student who is transferred from a state-funded/state scholarship training to a paid/self-funded training is equal to the paid fee/self-funding fee of a paid/self-funded student who starts his studies at the same time.

Student hostel placement
Section 26

(1) Students who have been transferred from external training to the Miskolc training due to the termination of the training are entitled to student hostel placement. In the semester of the change of the training location, they may be provided with student hostel accommodation for the semester in question on the basis of their application submitted by the end of the 15th day from the beginning of the study period. In the case of the autumn semester, a student hostel place may be granted for 10 months, and in the case of the spring semester, for 5 months.

The order of payment of fees
Section 27

(1) Students may initiate the issuance of certificates, copies, duplicates, etc. from the Academic and Quality Assurance Directorate and the Dean's Office of the Faculty. Applications can be submitted to the Faculty on the Faculty website, and additional applications can be found on the website of the Academic and Quality Assurance Directorate under Documents. Applications to be submitted electronically and the order of procedure related to them are available on the Faculty website. The fees for applications are set out in the University's SRS and Annex 5 to these Regulations.

(2) For those with NEPTUN access, the service fee must be paid through the NEPTUN system on the basis of the rate issued by the authorised clerk in the Dean's Office before the certificate is issued. The student will be informed of the fee rates that will be automatically issued in the case of electronic administration, which can be found in Annex 5 to these Regulations, at the beginning of the work process through the NEPTUN system.

(3) For those who do not have access to NEPTUN, the fee must be paid by cheque before the document is issued and the receipt must be sent to the competent clerk of the Dean's Office.

Chapter V
Closing and Enacting Provisions
Section 28

(1) The present regulations were adopted by the Faculty Council of the Faculty of Mechanical Engineering and Informatics of the University of Miskolc by resolution No. 69/2024.

(2) With the entry into force of these Regulations, and subject to the provisions of University Senate Resolution No. 279/2022, the version of the Regulations adopted by Faculty Council Resolution No. 52/2024 and all previous versions of the Regulations adopted by either the Senate or the Faculty Council shall be repealed.

(3) The day of entry into force is 1 December 2024.

Miskolc, 5 November 2024

Prof. Dr Siménfalvi Zoltán
Dean
Chairperson of the Faculty Council

DECLARATION OF AUTHENTICITY

I, the undersigned ....., Neptun-code:……, the graduate student of the Faculty of Mechanical Engineering and Informatics of the University of Miskolc majoring in ....., aware of my criminal and disciplinary liability hereby declare and certify with my signature that my thesis/dissertation entitled

.....

is my own, independent work; the literature cited in it has been used in accordance with the rules of source management.

I acknowledge that in the case of a thesis/dissertation, the following is considered plagiarism:

- verbatim quotation without quotation marks and without citation;
- quotation of the contents without citation;
- attributing the published ideas of another author as your own.

I, the undersigned, hereby declare that I am aware of the concept of plagiarism and that in case of plagiarism my thesis/dissertation will be rejected.

Miskolc,..... (day) ..... (month) ..... (year)

.....

Student

REQUEST FOR CONFIDENTIAL HANDLING

Faculty of Mechanical Engineering and Informatics
Head of the Educational Organisational Unit

On behalf of (*company name*)

, I, the undersigned

(*name*) hereby request the confidential handling of the paper prepared by ……. (*name*) (Neptun code:) entitled

..... because of the data contained in the thesis, which concerns official company data that cannot be used for external communication.

I request confidential treatment of the thesis/dissertation for the following period of time: .... year(s)[1]

Seal

.....
name
position

Miskolc, (day) (month) 20 (year)

Your request is accepted/not accepted[2]:

Seal

.....
Head of the
Educational Organisational Unit

Miskolc, (day) (month) 20 (year)

[1] A maximum of five years.
[2] To be deleted as requested.

DECLARATION OF CONFIDENTIALITY

Declarant data:

Name: .....
Place and date of birth: .....
Mother's name: .....

Thesis/dissertation topic:

Author's name: .....
Institution: University of Miskolc
Faculty: Faculty of Mechanical Engineering and Informatics
Degree programme: ……...
Programme: full-time/correspondence*
Address: .....
Language: .....

Data of the organisation concerned:

Name: .....
Registered office: .....
Company registration number: .....
Tax number: .....
(hereinafter: "the organisation concerned".

I, the undersigned ....., as the Declarant, the internal consultant / external consultant / reviewer / member of the final examination committee / other(*) of the thesis/dissertation of ....., above-named student, **as indicated above**, hereby acknowledge that in the course of consulting / reviewing / defending / reading / storing* the paper, I will come into possession of information which is the intellectual property of the organisation concerned, and thus shall be treated as confidential.

I further declare that I will not make copies of the paper or parts of it, and I will return the copy of the thesis to the University of Miskolc after the completion of my work. I further declare that I will not disclose any information, either orally or in writing, to any other person or institution outside the scope of my assignment in connection with the paper until the end of the confidentiality period specified in the Confidentiality Agreement.

Dated: ……

……
Signature

*** To be underlined as appropriate**

COMMEMORATIVE MEDAL FOR STUDIES SAMPLE

DÍSZOKLEVÉL

A Miskolci Egyetem Gépészmérnöki és Informatikai Karának
Tanácsa

«Nyomtatási_név»

«Szakos hallgatónak
kiváló tanulmányi munkájáért
a
TANULMÁNYI EMLÉKÉREM
«érem»
fokozatát adományozza.

Kívánjuk, hogy a jövőben is további sikereket érjen el,
ezzel szerezzen elismerést és megbecsülést
Egyetemünknek és Karunknak.

Miskolc, 20 . március 15.

-><dékán><-
dékán

CERTIFICATE Of MERIT

The Council of the Faculty of Mechanical Engineering and
Informatics, University of Miskolc,
awards

«Nyomtatási_név»

student in the -><szint><- Programme
in «Szako»
«érem»
Medallion of Merit
in recognition of
outstanding academic achievement.

This is conferred in hopes of continued success,
also bringing recognition and honour to our
Faculty and University.

Miskolc,15th of March, 20.

-><dékán><-
dean

Final examination subjects and the calculation of results at the Faculty of Mechanical Engineering and Informatics

Curricula in force for bachelor degree programmes
(FC Resolution No. 45/2014)

Formula for calculating the final examination average, with the exception of the bachelor programmes in Business Informatics, Engineering Informatics, Computer Programming and Electrical Engineering, according to the curriculum introduced in a phasing-in system from 2022/2023/1:
Z = 0.4*average of the grades of the final examination subjects + 0.4*thesis grade + 0.2*average of the basic *rigorosum* (*rigorosa*)

Power engineering bachelor programme (according to the curriculum introduced in a phasing-in system from 2014/2015/1)

Subspecialisation	**Mechanical engineering**
Name of 1st final examination subject:	**Power plants**
Name of 1st component subject:	Power plants
Name of 2nd component subject:	Control of power plants
Name of 3rd component subject:	Renewable energy sources
Name of 2nd final examination subject:	**Electronics**
Name of 1st component subject:	Electrical and electronic engineering I
Name of 2nd component subject:	Electrical and electronic engineering II
Name of 3rd component subject:	Automation

Power engineering bachelor programme (according to the curriculum introduced in a phasing-in system from 2022/2023/1)

Subspecialisation	**Power plant power engineering**
Name of 1st final examination subject:	**Power engineering systems**
Name of 1st component subject:	Power engineering systems
Name of 2nd component subject:	Control of power plants
Name of 3rd component subject:	Energy systems and electrical safety
Name of 2nd final examination subject:	**Power plants**
Name of 1st component subject:	Power plant design and operation
Name of 2nd component subject:	Power plant energy distribution systems

Name of 3rd component subject:	Damage of materials

Subspecialisation	**Green energy**
Name of 1st final examination subject:	**Power engineering systems**
Name of 1st component subject:	Power engineering systems
Name of 2nd component subject:	Control of power plants
Name of 3rd component subject:	Energy systems and electrical safety
Name of 2nd final examination subject:	**Renewable energy**
Name of 1st component subject:	Photovoltaic energy harvesting
Name of 2nd component subject:	Energy efficiency in buildings
Name of 3rd component subject:	Geothermal energy utilisation

Mechanical engineering bachelor programme (according to the curriculum introduced in a phasing-in system from 2014/2015/1)

Subspecialisation	**Material technology**
Name of 1st final examination subject:	**Materials science**
Name of 1st component subject:	Basics of material science
Name of 2nd component subject:	Materials testing
Name of 3rd component subject:	Non-metallic materials and technology
Name of 2nd final examination subject:	**Material technology**
Name of 1st component subject:	Heat treatment and welding
Name of 2nd component subject:	Metal forming

Subspecialisation	**Production engineering**
Name of 1st final examination subject:	**Production engineering**
Name of 1st component subject:	Cutting
Name of 2nd component subject:	Machine industrial measurements
Name of 3rd component subject:	Mechanical assembly
Name of 2nd final examination subject:	**Technological systems**
Name of 1st component subject:	Machining procedures

Name of 2nd component subject:	Technology planning
Name of 3rd component subject:	Design of tools and fixtures

Subspecialisation	**Machine designer**
Name of 1st final examination subject:	**Mechanical engineering**
Name of 1st component subject:	Machine elements I
Name of 2nd component subject:	Machine elements II
Name of 2nd final examination subject:	**Methods of machine design**
Name of 1st component subject:	Methods of mechanical design
Name of 2nd component subject:	Computer-aided design

Subspecialisation	**Engineering modelling**
Name of 1st final examination subject:	**Mechanics of elastic bodies**
Name of 1st component subject:	Mechanics of elastic bodies
Name of 2nd component subject:	Finite element method
Name of 2nd final examination subject:	**Dynamics of machines**
Name of 1st component subject:	**Mechanisms and robots**
Name of 2nd component subject:	Dynamics of machines

Subspecialisation	**Quality assurance**
Name of 1st final examination subject:	**Production engineering**
Name of 1st component subject:	Cutting
Name of 2nd component subject:	Machine industrial measurements
Name of 3rd component subject:	Mechanical assembly
Name of 2nd final examination subject:	**Quality assurance**
Name of 1st component subject:	Quality control and quality assurance
Name of 2nd component subject:	Quality regulation
Name of 3rd component subject:	Quality assurance of manufacturing processes

Subspecialisation	**Machine tool and single-purpose machine design**

Name of 1st final examination subject:	**Machine tool design**
Name of 1st component subject:	Machine tools
Name of 2nd component subject:	Machine tool design
Name of 3rd component subject:	Theory of design
Name of 2nd final examination subject:	**Operation and programming of production tools**
Name of 1st component subject:	Hydraulic, pneumatic systems
Name of 2nd component subject:	Programming of CNC machine tools
Name of 3rd component subject:	Single-purpose machines

Subspecialisation	**Chemical industrial mechanical engineering**
Name of 1st final examination subject:	**Unit operation**
Name of 1st component subject:	Unit operation A
Name of 2nd component subject:	Unit operation B
Name of 2nd final examination subject:	**Pressurized systems**
Name of 1st component subject:	Design of pressurised vessels
Name of 2nd component subject:	Stress analysis of pressure equipment
Name of 3rd component subject:	Safety technology of pressurized systems

Mechanical engineering bachelor programme (according to the curriculum introduced in a phasing-in system from 2022/2023/1)

Subspecialisation	**Material technology**
Name of 1st final examination subject:	**Materials science**
Name of 1st component subject:	Structural Materials I
Name of 2nd component subject:	Structural Materials II
Name of 3rd component subject:	Nonmetallic Materials and Technology
Name of 2nd final examination subject:	**Material technology**
Name of 1st component subject:	Materials technologies
Name of 2nd component subject:	Welding and related technologies

Subspecialisation	**Production engineering**

Name of 1st final examination subject:	**Production engineering**
Name of 1st component subject:	Machining procedures
Name of 2nd component subject:	Cutting Theory
Name of 3rd component subject:	Quality Inspection in Machine Industry
Name of 2nd final examination subject:	**Technological systems**
Name of 1st component subject:	Technology Planning
Name of 2nd component subject:	Mechanical Assembly
Name of 3rd component subject:	Manufacturing processes and systems

Subspecialisation	**Machine designer**
Name of 1st final examination subject:	**Mechanical Engineering**
Name of 1st component subject:	Machine elements I
Name of 2nd component subject:	Machine elements II
Name of 2nd final examination subject:	**Methods of machine design**
Name of 1st component subject:	Methods of mechanical design
Name of 2nd component subject:	Computer Aided Design

Subspecialisation	**Engineering modelling**
Name of 1st final examination subject:	**Mechanics of Elastic Bodies**
Name of 1st component subject:	Mechanics of Elastic Bodies
Name of 2nd component subject:	Finite Element Method
Name of 2nd final examination subject:	**Dynamics of Machines**
Name of 1st component subject:	Dynamics of Machines
Name of 2nd component subject:	Dynamics of Multibody Systems

Subspecialisation	**Quality Assurance**
Name of 1st final examination subject:	**Production engineering**
Name of 1st component subject:	Production Engineering
Name of 2nd component subject:	Machine Industrial Measurements

Name of 3rd component subject:	Planning of Technological Processes
Name of 2nd final examination subject:	**Quality Assurance**
Name of 1st component subject:	Quality inspection
Name of 2nd component subject:	Quality assurance and regulation
Name of 3rd component subject:	Quality assurance of manufacturing processes

Subspecialisation	**Machine tool and single-purpose machine design**
Name of 1st final examination subject:	**Machine tool design**
Name of 1st component subject:	Machine tools
Name of 2nd component subject:	Machine tool design
Name of 3rd component subject:	Theory of Design
Name of 2nd final examination subject:	**Operation and programming of production tools**
Name of 1st component subject:	Hydraulic, pneumatic systems
Name of 2nd component subject:	Programming of CNC Machine Tools
Name of 3rd component subject:	Single-purpose machines and their design

Subspecialisation	**Chemical industrial mechanical engineering**
Name of 1st final examination subject:	**Unit operation**
Name of 1st component subject:	Unit Operation A
Name of 2nd component subject:	Unit Operation B
Name of 3rd component subject:	Process Engineering in Chemical Industry
Name of 2nd final examination subject:	**Pressurized systems**
Name of 1st component subject:	Pressurized systems A
Name of 2nd component subject:	Pressurized systems B
Name of 3rd component subject:	Safety in Chemical Engineering

Industrial Product and Design Engineering bachelor programme (according to the curriculum introduced in a phasing-in system from 2014/2015/1)

Subspecialisation	**-**
Name of 1st final examination subject:	**Design knowledge**
Name of 1st component subject:	Methodology of Product Design
Name of 2nd component subject:	Machine elements, mechanical engineering
Name of 2nd final examination subject:	**Ergonomics and management**
Name of 1st component subject:	Innovation management
Name of 2nd component subject:	Product ergonomics

Industrial Product and Design Engineering bachelor programme (according to the curriculum introduced in a phasing-in system from 2022/2023/1)

Subspecialisation	**-**
Name of 1st final examination subject:	**Design knowledge**
Name of 1st component subject:	Methodology of Product Design
Name of 2nd component subject:	Machine elements I-II
Name of 2nd final examination subject:	**Construction and ergonomics**
Name of 1st component subject:	Construction and product optimization
Name of 2nd component subject:	Ergonomics

Vehicle engineering bachelor programme (according to the curriculum introduced from semester 1 of 2016/2017)

Subspecialisation	**Automotive industrial**
Name of 1st final examination subject:	**Automotive production and technology**
Name of 1st component subject:	Automotive industrial materials technologies
Name of 2nd component subject:	Automotive Production and Assembly
Name of 3rd component subject:	Machine tools, single-purpose machines and industrial robots
Name of 2nd final examination subject:	**Vehicle structures**
Name of 1st component subject:	Powertrain
Name of 2nd component subject:	Vehicle frame structures II
Name of 3rd component subject:	Internal Combustion Engines
Name of 3rd final examination subject:	**Vehicle electronics**

Name of 1st component subject:	Automotive Electrics, Automotive Electronics
Name of 2nd component subject:	Control Technique
Name of 3rd component subject:	Automotive communication systems

Vehicle engineering bachelor programme (according to the curriculum introduced in a phasing-in system from 2022/2023)

Subspecialisation	**Bus and coach and commercial vehicle subspecialisation**
Name of 1st final examination subject:	**Automotive production and technology**
Name of 1st component subject:	Automotive industrial materials technologies
Name of 2nd component subject:	Automotive Production and Assembly
Name of 3rd component subject:	Machine tools, single-purpose machines and industrial robots
Person in charge of the 1st examination subject:	Dr Hegedűs György
Name of 2nd final examination subject:	**Vehicle structures**
Name of 1st component subject:	Powertrain
Name of 2nd component subject:	Vehicle frame structures II
Name of 3rd component subject:	Internal Combustion Engines
Person in charge of the 2nd examination subject:	Dr Jármai Károly
Name of 3rd final examination subject:	**Vehicle electronics**
Name of 1st component subject:	Automotive Electrics, Automotive Electronics
Name of 2nd component subject:	Control Technique
Name of 3rd component subject:	Automotive communication systems
Person in charge of the 3rd examination subject:	Erdősy Dániel

Subspecialisation	**Powertrain Systems**
Name of 1st final examination subject:	**Automotive production and technology**
Name of 1st component subject:	Automotive industrial materials technologies
Name of 2nd component subject:	Automotive Production and Assembly
Name of 3rd component subject:	Machine tools, single-purpose machines and industrial robots
Name of 2nd final examination subject:	**Vehicle drives**

Name of 1st component subject:	Powertrain Systems
Name of 2nd component subject:	Alternative drives
Name of 3rd component subject:	Internal Combustion Engines
Name of 3rd final examination subject:	**Vehicle structure design and vehicle electronics**
Name of 1st component subject:	Gearbox Design
Name of 2nd component subject:	Basics of vehicle frame structure design
Name of 3rd component subject:	Automotive Electrics, Automotive Electronics

Logistic engineering bachelor programme (from semester 1 of 2014/2015)

Subspecialisation	**Logistics systems**
Name of 1st final examination subject:	**Logistics systems and machines**
Name of 1st component subject:	Logistics systems
Name of 2nd component subject:	Material Handling Machines
Name of 3rd component subject:	Material Flow Systems
Name of 2nd final examination subject:	**Logistics of corporate systems**
Name of 1st component subject:	Logistical information systems
Name of 2nd component subject:	Logistics of quality assurance
Name of 3rd component subject:	Computer Aided Production Planning and Control

Subspecialisation	**LEAN process engineer**
Name of 1st final examination subject:	**Logistics processes**
Name of 1st component subject:	Technical logistics
Name of 2nd component subject:	Logistics systems
Name of 3rd component subject:	Optimization of logistical processes
Name of 2nd final examination subject:	**Lean process development**
Name of 1st component subject:	Basics of lean
Name of 2nd component subject:	Simulation of Logistics Processes
Name of 3rd component subject:	Lean logistics

Logistic engineering bachelor programme (according to the curriculum introduced in a phasing-in system from 2022/2023/1)

Subspecialisation	**Service process engineer**
Name of 1st final examination subject:	**Logistics processes**

Name of 1st component subject:	Technical logistics
Name of 2nd component subject:	Logistics systems
Name of 3rd component subject:	Traffic systems
Name of 4th component subject:	Logistics of quality assurance
Name of 5th component subject:	Integrated corporate systems
Name of 2nd final examination subject:	**Increasing the efficiency of service processes**
Name of 1st component subject:	Basics of Process Engineering
Name of 2nd component subject:	Simulation Modelling of Logistic Processes
Name of 3rd component subject:	Service logistics systems
Name of 4th component subject:	Planning logistics processes
Name of 5th component subject:	Optimization of logistical processes

Subspecialisation	**Production process engineer**
Name of 1st final examination subject:	**Logistics processes**
Name of 1st component subject:	Technical logistics
Name of 2nd component subject:	Logistics systems
Name of 3rd component subject:	Traffic systems
Name of 4th component subject:	Logistics of quality assurance
Name of 5th component subject:	Integrated corporate systems
Name of 2nd final examination subject:	**Increasing the efficiency of production processes**
Name of 1st component subject:	Basics of Process Engineering
Name of 2nd component subject:	Simulation Modelling of Logistic Processes
Name of 3rd component subject:	Production Logistic Systems
Name of 4th component subject:	Planning of Production Logistic Systems
Name of 5th component subject:	Optimization of logistical processes

Mechatronical engineering bachelor programme (according to the curriculum introduced in a phasing-in system from 2014/2015/1)

Subspecialisation	**Mechanical engineering mechatronic**

Name of 1st final examination subject:	**Automation**
Name of 1st component subject:	Automation
Name of 2nd component subject:	Industrial Data Communication
Name of 2nd final examination subject:	**Mechatronics**
Name of 1st component subject:	**Modelling and Simulation**
Name of 2nd component subject:	Robots and CNC programming

Mechatronical engineering bachelor programme (according to the curriculum introduced in a phasing-in system from 2022/2023/1)

Subspecialisation	**Industrial robots subspecialisation**
Name of 1st final examination subject:	**Automation**
Name of 1st component subject:	Automation
Name of 2nd component subject:	Industrial Data Communication
Name of 2nd final examination subject:	**Mechatronics**
Name of 1st component subject:	Modelling and Simulation
Name of 2nd component subject:	Introduction to Robotics

Technical manager bachelor programme (according to the curriculum introduced in a phasing-in system from 2014/2015/1)

Subspecialisation	**Mechanical engineering**
Name of 1st final examination subject:	**Mechanical Engineering Technologies**
Name of 1st component subject:	Heat treatment and welding
Name of 2nd component subject:	Technological systems
Name of 3rd component subject:	Machine tools
Name of 2nd final examination subject:	**Product management**
Name of 1st component subject:	Production management
Name of 2nd component subject:	Design of pressurised vessels
Name of 3rd component subject:	Product innovation

Technical manager bachelor programme (according to the curriculum introduced in a phasing-in system from 2023/2024/1)

Subspecialisation	**Industrial simulation**

Name of 1st final examination subject:	**Project simulation knowledge**
Name of 1st component subject:	Industrial cost estimation and procurement planning
Name of 2nd component subject:	Project controlling
Name of 3rd component subject:	Programme and portfolio management
Name of 2nd final examination subject:	**Technical knowledge**
Name of 1st component subject:	Advanced facility design
Name of 2nd component subject:	Basics of pressure systems design
Name of 3rd component subject:	Chemical technologies and their machinery

Business informatics bachelor programme (according to the curriculum introduced in a phasing-in system from 2014/2015/1)

Name of final examination subject:	**Complex subject:**
	1 Design of Programming
	2 Basics of programming
	3 Object Oriented Programming
	4 Software technology
	5 Computer Graphics
	6 Computer Architectures
	7 Operating Systems
	8 Computer Networks
	9 Data Structures and Algorithms
	10 Database Systems I
	11 Database Systems II
	12 Theory of Programming
	13 Data Warehouses
	14 Development of Enterprise Information Systems
	15 Fundamentals of Artificial Intelligence
	16 Management of production systems
	17 Production management
	18 Human resource management

Business informatics bachelor programme (according to the curriculum introduced in a phasing-in system from 2022/2023/1)

Calculation formula of final examinations average

Z = 0.4*average of the grades of the final examination subjects + 0.4*thesis grade + 0.2* the average of the grades of the following professional subjects obtained during the training:

- Data Structures and Algorithms
- Economical and Financial Models

- Software technology
- Development of Enterprise Information Systems

Name of final examination subject:	Complex subject:
	1 Design of Programming
	2 Object Oriented Programming
	3 Software technology
	5 Computer Architectures
	6 Operating Systems
	7 Computer Networks
	8 Data Structures and Algorithms
	9 Database Systems I
	10 Data Warehouses
	11 Development of Enterprise Information Systems
	12 Fundamentals of Artificial Intelligence
	13 Entrepreneurial and data management knowledge
	14 Production management
	15 Economical and Financial Models

Engineering informatics bachelor programme (according to the curriculum introduced in a phasing-in system from 2014/2015/1)

Subspecialisation	**Info-communication**
Name of 1st final examination subject:	**Informatics**
Name of 1st component subject:	Database systems I
Name of 2nd component subject:	Database systems II
Name of 3rd component subject:	Fundamentals of Artificial Intelligence
Name of 2nd final examination subject:	**Web and multimedia**
Name of 1st component subject:	Web technologies I
Name of 2nd component subject:	Introduction to Telecommunication
Name of 3rd component subject:	Multimedia systems

Subspecialisation	**Advanced Web Technologies**
Name of 1st final examination subject:	**Informatics**
Name of 1st component subject:	Database systems I
Name of 2nd component subject:	Database systems II

Name of 3rd component subject:	Fundamentals of Artificial Intelligence
Name of 2nd final examination subject:	**Web Technologies**
Name of 1st component subject:	Web technologies I
Name of 2nd component subject:	Web Technologies II

Subspecialisation	**Information technology system engineer**
Name of 1st final examination subject:	**Informatics**
Name of 1st component subject:	Database systems I
Name of 2nd component subject:	Database systems II
Name of 3rd component subject:	Fundamentals of Artificial Intelligence
Name of 2nd final examination subject:	**System Administration**
Name of 1st component subject:	System Administration I
Name of 2nd component subject:	System Administration II

Subspecialisation	**Logistics systems**
Name of 1st final examination subject:	**Informatics**
Name of 1st component subject:	Database systems I
Name of 2nd component subject:	Database systems II
Name of 3rd component subject:	Fundamentals of Artificial Intelligence
Name of 2nd final examination subject:	**Informatics in logistics**
Name of 1st component subject:	Basics of Logistics
Name of 2nd component subject:	Informatics of Logistics

Subspecialisation	**Production Information Engineering**
Name of 1st final examination subject:	**Informatics**
Name of 1st component subject:	Database systems I
Name of 2nd component subject:	Database systems II
Name of 3rd component subject:	Fundamentals of Artificial Intelligence
Name of 2nd final examination subject:	**Production Information Engineering**

Name of 1st component subject:	Computer Aided Process Control
Name of 2nd component subject:	Computer Aided Planning and Control of Discrete Production Processes

Subspecialisation	**Computer Game Developer**
Name of 1st final examination subject:	**Informatics**
Name of 1st component subject:	Database systems I
Name of 2nd component subject:	Database systems II
Name of 3rd component subject:	Fundamentals of Artificial Intelligence
Name of 2nd final examination subject:	**Computer Game Development**
Name of 1st component subject:	Theory of game design
Name of 2nd component subject:	Computer Graphics Programming

Engineering informatics bachelor programme (according to the curriculum introduced in a phasing-in system from 2022/2023/1)

Calculation formula of final examinations average

Z = 0.4*average of the grades of the final examination subjects + 0.4*thesis grade + 0.2*maximum of the grades of basic *rigorosum* (*rigorosa*)

Subspecialisation	**Info-communication**
Name of 1st final examination subject:	**Informatics**
Name of 1st component subject:	Database systems II
Name of 2nd component subject:	Fundamentals of Artificial Intelligence
Name of 3rd component subject:	Computer Networks
Name of 2nd final examination subject:	**Web and multimedia**
Name of 1st component subject:	Basics of mobile programming
Name of 2nd component subject:	Introduction to Telecommunication
Name of 3rd component subject:	Multimedia systems

Subspecialisation	**Advanced Web Technologies**
Name of 1st final examination subject:	**Informatics**
Name of 1st component subject:	Database systems II
Name of 2nd component subject:	Fundamentals of Artificial Intelligence
Name of 3rd component subject:	Computer Networks
Name of 2nd final examination subject:	**Web Technologies**
Name of 1st component subject:	Web technologies I

Name of 2nd component subject:	Web Technologies II

Subspecialisation	**Information technology system engineer**
Name of 1st final examination subject:	**Informatics**
Name of 1st component subject:	Database systems II
Name of 2nd component subject:	Fundamentals of Artificial Intelligence
Name of 3rd component subject:	Computer Networks
Name of 2nd final examination subject:	**System Administration**
Name of 1st component subject:	System Administration A
Name of 2nd component subject:	System Administration B

Subspecialisation	**Logistics systems**
Name of 1st final examination subject:	**Informatics**
Name of 1st component subject:	Database systems II
Name of 2nd component subject:	Computer Networks
Name of 3rd component subject:	Fundamentals of Artificial Intelligence
Name of 2nd final examination subject:	**Informatics in logistics**
Name of 1st component subject:	Basics of Logistics
Name of 2nd component subject:	Material Flow Systems
Name of 3rd component subject:	Informatics of Logistics
Name of 4th component subject:	Simulation Methods in Logistics

Subspecialisation	**Production Information Engineering**
Name of 1st final examination subject:	**Informatics**
Name of 1st component subject:	Database systems II
Name of 2nd component subject:	Fundamentals of Artificial Intelligence
Name of 3rd component subject:	Computer Networks
Name of 2nd final examination subject:	**Production Information Engineering**
Name of 1st component subject:	Computer Aided Process Control

Name of 2nd component subject:	Computer Aided Planning and Control of Discrete Production Processes

Computer programming bachelor programme (according to the curriculum introduced in a phasing-in system from 2014/2015/1)

Name of final examination subject:	**Complex subject:**
	1 Data Structures and Algorithms
	2 Theory of Algorithms
	3 Design of Programming
	4 Parallel Algorithms
	5 Programming of Parallel Devices
	6 Object Oriented Programming
	7 Operating Systems
	8 Database Systems I
	9 Computer Networks
	10 Software technology

Computer programming bachelor programme (according to the curriculum introduced in a phasing-in system from 2022/2023/1)

Calculation formula of final examinations average

Z = 0.4*average of the grades of the final examination subjects + 0.4*thesis grade + 0.2* the average of the grades of the following professional subjects obtained during the training:

- Data Structures and Algorithms
- Parallel Algorithms
- Design of Programming

Name of final examination subject:	**Complex subject:**
	1 Data Structures and Algorithms
	2 Theory of Algorithms
	3 Design of Programming
	4 Parallel Algorithms
	5 Object Oriented Programming
	6 Operating Systems
	7 Database Systems I
	8 Computer Networks
	9 Software technology

Electrical engineering bachelor programme (according to the curriculum introduced in a phasing-in system from 2012/2013/1)

Calculation formula of final examinations average 1/3 is the average of the main professional foundation subjects, 1/3 is the average of the defence subjects, and 1/3 is the average of the thesis grade.

Assessment of the diploma (ZVM): $ZVM = \frac{TT+ZD+ZV\acute{A}}{3}$

Explanation:

TT: average of the main professional foundation subjects: $TT = \frac{VSZ+EL2+DR3+AUT2}{4}$

VSZ: Electrical Engineering *rigorosum*

EL2: Electronics II

DR3 Digital systems III

AUT2 Automation II

ZD: Grade of the thesis accepted by the final examination committee

ZVÁ: Average of the final examination subjects: $ZV\acute{A} = \frac{ZVT1+ZVT2}{2}$

ZVT1 1 Final examination subject (subject to subspecialisation)

ZVT2 2 Final examination subject (subject to subspecialisation)

Averages should be taken to the nearest two-tenths.

Subspecialisation	**Industrial automation and communication (VBA)**
Name of 1st final examination subject:	**Industrial Data Communication**
Name of 1st component subject:	Industrial communication and SCADA systems I*

Name of 2nd component subject:	Industrial communication and SCADA systems II*
Name of 3rd component subject:	Control Engineering Software Systems*
Name of 2nd final examination subject:	**Industrial automation**
Name of 1st component subject:	DCS-based Process Control**
Name of 2nd component subject:	Field Instrumentation
Name of 3rd component subject:	Safety Control**

Subspecialisation	**Electronic design and production (VBE)**
Name of 1st final examination subject:	**Electronic design and production**
Name of 1st component subject:	Computer Aided Electronic Design I*
Name of 2nd component subject:	Computer Aided Electronic Design II*
Name of 3rd component subject:	Electronic technologies*
Name of 2nd final examination subject:	**Digital system design**
Name of 1st component subject:	Digital system complex design**
Name of 2nd component subject:	Programmable logics**
Name of 3rd component subject:	Embedded Systems**

Subspecialisation	**Electrical power engineering (VBC)**
Name of 1st final examination subject:	**Power electronics**
Name of 1st component subject:	Electronic converters*
Name of 2nd component subject:	Electrical machinery and drives*
Name of 3rd component subject:	Network design and simulation
Name of 2nd final examination subject:	**Electrical power engineering**
Name of 1st component subject:	Electric energy supply**
Name of 2nd component subject:	Power System Protection and Automation
Name of 3rd component subject:	Electrical Network Operation and Management

Comments:

*Selected chapters, for a total of 7 credits

*Selected chapters, for a total of 8 credits

Electrical engineering bachelor programme (according to the curriculum introduced in a phasing-in system from 2022/2023/1)

Calculation formula of final examinations average 1/3 is the average of the main professional foundation subjects, 1/3 is the average of the defence subjects, and 1/3 is the average of the thesis grade.

Assessment of the diploma (ZVM): $ZVM = \frac{TT+ZD+ZV\acute{A}}{3}$

Explanation:

TT: average of the main professional foundation subjects: $TT = \frac{VSZ+EL2+DR3+AUT2}{4}$

VSZ: Electrical Engineering *rigorosum*

EL2: Electronics II

DR3 Digital systems III

AUT2 Automation II

ZD: Grade of the thesis accepted by the final examination committee

ZVÁ: Average of the final examination subjects: $ZV\acute{A} = \frac{ZVT1+ZVT2}{2}$

ZVT1 1 Final examination subject (subject to subspecialisation)

ZVT2 2 Final examination subject (subject to subspecialisation)

Averages should be taken to the nearest two-tenths.

Subspecialisation	**Electrical power engineering (VBC)**
Name of 1st final examination subject:	**Energy conversion**
Name of 1st component subject:	Electronic converters*
Name of 2nd component subject:	Energy Sources and Power Plants
Name of 3rd component subject:	Electric energy supply
Name of 2nd final examination subject:	**Electrical networks**
Name of 1st component subject:	Power System Protection and Automation **
Name of 2nd component subject:	Network design and simulation**
Name of 3rd component subject:	Electrical Network Operation and Management

Subspecialisation	**Industrial automation and communication (VBA)**
Name of 1st final examination subject:	**Industrial Data Communication**

Name of 1st component subject:	Industrial Data Communication*
Name of 2nd component subject:	SCADA and HMI systems*
Name of 3rd component subject:	Control Engineering Software Systems*
Name of 2nd final examination subject:	**Industrial automation**
Name of 1st component subject:	DCS-based Process Control**
Name of 2nd component subject:	Field Instrumentation
Name of 3rd component subject:	Safety Control**

Subspecialisation	**Electronic design and production (VBE)**
Name of 1st final examination subject:	**Electronic design and production**
Name of 1st component subject:	Computer Aided Electronic Design I*
Name of 2nd component subject:	Computer Aided Electronic Design II*
Name of 3rd component subject:	Electronic technologies*
Name of 2nd final examination subject:	**Digital system design**
Name of 1st component subject:	Digital system complex design**
Name of 2nd component subject:	Programmable logics**
Name of 3rd component subject:	Embedded Systems**

Plant engineering informatics bachelor (BProf) programme (according to the curriculum introduced from semester 1 of 2019/2020)
The calculation of the final examinations average in the plant engineering informatics Bprof programme is done in the following way:
Z = 0.4*average of the grades of the final examination subjects + 0.4*thesis grade + 0.2*average of the grades of the professional core curriculum subjects

1st final examination subject	
Name of 1st component subject:	Object Oriented Programming
Name of 2nd component subject:	Software technology
Name of 3rd component subject:	Information Systems Development
2nd final examination subject:	
Name of 1st component subject:	Operating Systems
Name of 2nd component subject:	Database systems I
Name of 3rd component subject:	Computer Networks

Master degree programmes
The calculation of the final examination result in the Power Engineering master programme (MSc) and its subjects

Grade of the diploma = 0.5*diploma plan grade + 0.3*final examination subjects grade average + 0.2*average of the grades of natural science foundation subjects

Subspecialisation:	**Energy Performance of Buildings**
Name of 1st final examination subject:	**Power Engineering**
Name of 1st component subject:	Energy equipment
Name of 2nd component subject:	Electrical Power Systems
Name of 2nd final examination subject:	**Energy Performance of Buildings**
Name of 1st component subject:	Energy Performance of Buildings
Name of 2nd component subject:	-
Name of 3rd final examination subject:	**Heating and air conditioning**
Name of 1st component subject:	Heating
Name of 2nd component subject:	Air conditioning

Subspecialisation	**Power plant power engineering**
Name of 1st final examination subject:	**Power Engineering**
Name of 1st component subject:	Energy equipment
Name of 2nd component subject:	Electrical Power Systems
Name of 2nd final examination subject:	**Heat utilisation**
Name of 1st component subject:	Heat utilisation
Name of 2nd component subject:	Nuclear power plants
Name of 3rd final examination subject:	**Heat transfer**
Name of 1st component subject:	Combustion Systems
Name of 2nd component subject:	Heat transfer processes

The calculation of the final examination result in the Power Engineering master programme (MSc) and its subjects (according to the curriculum introduced in a phasing-in system from 2021/2022/2)

Subspecialisation	**Power plant power engineering**
Name of 1st final examination subject:	**Power Engineering**
Name of 1st component subject:	Power engineering machines and equipment
Name of 2nd component subject:	Electrical Power Systems
Name of 2nd final examination subject:	**Heat utilisation**
Name of 1st component subject:	Heat transfer and pressurised equipment
Name of 2nd component subject:	Nuclear power plants
Name of 3rd final examination subject:	**Heat and energy transport**
Name of 1st component subject:	Combustion Systems
Name of 2nd component subject:	Control and management of power plants

The calculation of the final examination result in the Mechanical Engineering master programme (MSc) and its subjects

Grade of the diploma = 0.5*diploma plan grade + 0.3*final examination subjects grade average + 0.2*average of the grades of natural science foundation subjects

Subspecialisation	**Applied mechanics**
Name of 1st final examination subject:	**Continuum Mechanics**
Name of 1st component subject:	Continuum Mechanics I
Name of 2nd component subject:	Continuum Mechanics II
Name of 2nd final examination subject:	**Finite Element Method**
Name of 1st component subject:	Finite Element Modelling I
Name of 2nd component subject:	Finite Element Modelling II
Name of 3rd final examination subject:	**Dynamics of structures**
Name of 1st component subject:	Dynamics of structures
Name of 2nd component subject:	Non-linear vibration

Subspecialisation	**General machine design**
Name of 1st final examination subject:	**Mechanical engineering and materials technologies**

Name of 1st component subject:	Mechanical engineering, planning
Name of 2nd component subject:	Advanced materials technologies
Name of 2nd final examination subject:	**Drives and Theory of Design**
Name of 1st component subject:	Special drives
Name of 2nd component subject:	Design Methodology

Subspecialisation	**CAD/CAM**
Name of 1st final examination subject:	**CAD/CAM**
Name of 1st component subject:	Integrated design systems I
Name of 2nd component subject:	Computer NC programming
Name of 2nd final examination subject:	**Computer Technology Planning**
Name of 1st component subject:	Integrated design systems II
Name of 2nd component subject:	Computer Technology Planning

Subspecialisation	**Production Engineering and Production Systems**
Name of 1st final examination subject:	**Production engineering**
Name of 1st component subject:	Production Engineering
Name of 2nd component subject:	Cutting Procedures
Name of 2nd final examination subject:	**Manufacturing Systems**
Name of 1st component subject:	Manufacturing processes and systems
Name of 2nd component subject:	Assembly Design

Subspecialisation	**Material Technology and Welding Technology**
Name of 1st final examination subject:	**Materials science**
Name of 1st component subject:	Materials science
Name of 2nd component subject:	Integrity of structures
Name of 2nd final examination subject:	**Material technology**
Name of 1st component subject:	Advanced materials technologies

Name of 2nd component subject:	Materials and their behaviour during welding

Subspecialisation	**Quality Assurance**
Name of 1st final examination subject:	**Quality Management**
Name of 1st component subject:	Reliability
Name of 2nd component subject:	Quality Management
Name of 2nd final examination subject:	**Manufacturing processes and quality control**
Name of 1st component subject:	Quality regulation
Name of 2nd component subject:	Manufacturing processes and systems

Subspecialisation	**Machine tool engineering**
Name of 1st final examination subject:	**Machine tools**
Name of 1st component subject:	Machine tools I
Name of 2nd component subject:	Machine tools II
Name of 2nd final examination subject:	**Design of manufacturing devices**
Name of 1st component subject:	Advanced machine tools
Name of 2nd component subject:	Methodical Design

Subspecialisation	**Product Developer**
Name of 1st final examination subject:	**Design**
Name of 1st component subject:	Mechanical engineering, planning
Name of 2nd component subject:	Advanced equipment design
Name of 2nd final examination subject:	**Testing machines and structures**
Name of 1st component subject:	Simulation testing of machine structures
Name of 2nd component subject:	Machine diagnostics

Subspecialisation	**Chemical industrial mechanical engineering**
Name of 1st final examination subject:	**Unit operation**
Name of 1st component subject:	Unit operation I

Name of 2nd component subject:	Unit operation II
Name of 3rd component subject:	Unit operation III
Name of 2nd final examination subject:	**Pressure systems design**
Name of 1st component subject:	Pressure systems design I
Name of 2nd component subject:	Pressure systems design II

The calculation of the final examination result in the Mechanical Engineering master programme (MSc) and its subjects (according to the curriculum introduced in a phasing-in system from 2021/2022/2)

Subspecialisation	**Applied mechanics**
Name of 1st final examination subject:	**Continuum Mechanics**
Name of 1st component subject:	Continuum Mechanics
Name of 2nd component subject:	Constitutive Models in Mechanics
Name of 2nd final examination subject:	**Finite Element Modelling**
Name of 1st component subject:	Finite Element Modelling
Name of 2nd component subject:	Modelling and Simulation
Name of 3rd final examination subject:	**Dynamics of structures**
Name of 1st component subject:	Mechanical vibrations
Name of 2nd component subject:	Dynamics of structures

Subspecialisation	**General machine design**
Name of 1st final examination subject:	**Mechanical engineering and materials technologies**
Name of 1st component subject:	Mechanical engineering, planning
Name of 2nd component subject:	Advanced materials technologies
Name of 2nd final examination subject:	**Drives and Theory of Design**
Name of 1st component subject:	Special drives
Name of 2nd component subject:	Design Methodology

Subspecialisation	**CAD/CAM**
Name of 1st final examination subject:	**CAD/CAM**

Name of 1st component subject:	Integrated design systems I
Name of 2nd component subject:	Computer NC programming
Name of 2nd final examination subject:	**Computer Technology Planning**
Name of 1st component subject:	Integrated design systems II
Name of 2nd component subject:	Computer Technology Planning

Subspecialisation	**Production Engineering and Production Systems**
Name of 1st final examination subject:	**Production engineering**
Name of 1st component subject:	Production Engineering
Name of 2nd component subject:	NC technology
Name of 3rd component subject:	Industrial Quality Inspection
Name of 2nd final examination subject:	**Manufacturing Systems**
Name of 1st component subject:	Manufacturing processes and systems
Name of 2nd component subject:	Production planning
Name of 3rd component subject:	Design of manufacturing devices

Subspecialisation	**Material Technology and Welding Technology**
Name of 1st final examination subject:	**Materials science**
Name of 1st component subject:	Materials science
Name of 2nd component subject:	Integrity of structures
Name of 2nd final examination subject:	**Material technology**
Name of 1st component subject:	Advanced materials technologies
Name of 2nd component subject:	Materials and their behaviour during welding

Subspecialisation	**Quality Assurance**
Name of 1st final examination subject:	**Manufacturing Systems**
Name of 1st component subject:	Manufacturing processes and systems
Name of 2nd component subject:	Production planning

Name of 3rd component subject:	Industrial Quality Inspection
Name of 2nd final examination subject:	**Quality Assurance**
Name of 1st component subject:	Industrial Quality Assurance
Name of 2nd component subject:	Reliability
Name of 3rd component subject:	Quality regulation

Subspecialisation	**Machine tool engineering**
Name of 1st final examination subject:	**Machine tools**
Name of 1st component subject:	Machine tools I
Name of 2nd component subject:	Machine tools II
Name of 2nd final examination subject:	**Design of manufacturing devices**
Name of 1st component subject:	Advanced machine tools
Name of 2nd component subject:	Methodical Design

Subspecialisation	**Product Designer**
Name of 1st final examination subject:	**Mechanical engineering and materials technologies**
Name of 1st component subject:	Mechanical engineering, planning
Name of 2nd component subject:	Advanced materials technologies
Name of 2nd final examination subject:	**Theory of Design and Industrial Design**
Name of 1st component subject:	Design Methodology
Name of 2nd component subject:	Industrial Design

Subspecialisation	**Chemical industrial mechanical engineering**
Name of 1st final examination subject:	**Unit operation**
Name of 1st component subject:	Mechanical and Heat Transfer Chemical Operations
Name of 2nd component subject:	Material transfer chemical operations
Name of 3rd component subject:	Chemical process modelling
Name of 2nd final examination subject:	**Pressure systems design and safety technology**
Name of 1st component subject:	Pressure systems design

Name of 2nd component subject:	Safety technology of pressurized systems

The calculation of the final examination result in the Logistics Engineering master programme (MSc) and its subjects

Grade of the diploma = 0.5*diploma plan grade + 0.3*final examination subjects grade average + 0.2*average of the grades of natural science foundation subjects

Subspecialisation	**Logistics processes**
Name of 1st final examination subject:	**Theory of logistics systems**
Name of 1st component subject:	Decision Theory and Methodology
Name of 2nd component subject:	Logistics systems information flow
Name of 3rd component subject:	Logistic machines and equipment
Name of 2nd final examination subject:	**Logistics processes**
Name of 1st component subject:	Production and Service Logistics Processes
Name of 2nd component subject:	Procurement and Distribution Logistics Processes
Name of 3rd component subject:	Recycling Logistics Processes

Subspecialisation	**Technical logistics specialisation**
Name of 1st final examination subject:	**Theory of logistics systems**
Name of 1st component subject:	Decision Theory and Methodology
Name of 2nd component subject:	Logistics systems information flow
Name of 3rd component subject:	Logistic machines and equipment
Name of 2nd final examination subject:	**Technical logistics**
Name of 1st component subject:	Reliability of Logistics Systems
Name of 2nd component subject:	Flexible production and assembly logistics systems
Name of 3rd component subject:	Intelligent machines

Subspecialisation	**Industry 4.0 Process Engineer**
Name of 1st final examination subject:	**Theory of logistics systems**
Name of 1st component subject:	Decision Theory and Methodology
Name of 2nd component subject:	Logistics systems information flow
Name of 3rd component subject:	Logistic machines and equipment

Name of 2nd final examination subject:	**Industry 4.0 Processes**
Name of 1st component subject:	Industry 4.0 and Logistics
Name of 2nd component subject:	Lean 4.0
Name of 3rd component subject:	Methods and Applications in Logistics

The calculation of the final examination result in the Logistic Engineering master programme (MSc) and its subjects (according to the curriculum introduced in a phasing-in system from 2021/2022/1)

Subspecialisation	**Industry 4.0 Process Engineer**
Name of 1st final examination subject:	**Theory of logistics systems**
Name of 1st component subject:	Systemtechnik and system modelling
Name of 2nd component subject:	Design of Material Handling and Warehousing Systems
Name of 3rd component subject:	Intelligent Material Handling Machines and Systems
Name of 4th component subject:	Quality Assurance of Logistic Systems
Name of 2nd final examination subject:	**Industry 4.0 Processes**
Name of 1st component subject:	Simulation testing of logistics systems
Name of 2nd component subject:	Industry 4.0 and Logistics
Name of 3rd component subject:	Process development methods in logistics
Name of 4th component subject:	Standard Solutions in the Network Economy

Subspecialisation	**International logistics**
Name of 1st final examination subject:	**Theory of logistics systems**
Name of 1st component subject:	Systemtechnik and system modelling
Name of 2nd component subject:	Design of Material Handling and Warehousing Systems
Name of 3rd component subject:	Intelligent Material Handling Machines and Systems
Name of 4th component subject:	Quality Assurance of Logistic Systems
Name of 2nd final examination subject:	**International logistics**
Name of 1st component subject:	Delivery and packaging of goods
Name of 2nd component subject:	Planning and optimization of supply chains

Name of 3rd component subject:	Standard Solutions in the Network Economy
Name of 4th component subject:	Industry 4.0 information systems

Subspecialisation	**Recycling logistics**
Name of 1st final examination subject:	**Theory of logistics systems**
Name of 1st component subject:	Systemtechnik and system modelling
Name of 2nd component subject:	Design of Material Handling and Warehousing Systems
Name of 3rd component subject:	Intelligent Material Handling Machines and Systems
Name of 4th component subject:	Quality Assurance of Logistic Systems
Name of 2nd final examination subject:	**Recycling logistics**
Name of 1st component subject:	Planning of Recycling Logistic Systems
Name of 2nd component subject:	Process development methods in logistics
Name of 3rd component subject:	Packaging surveillance machines and equipment
Name of 4th component subject:	Processing and recycling of municipal and production waste

The calculation of the final examination result in the Engineering Informatics master programme (MSc) and its subjects

Grade of the diploma = 0.5*diploma plan grade + 0.3*final examination subjects grade average + 0.2*average of the grades of natural science foundation subjects

Subspecialisation	**Application developer**
Name of 1st final examination subject:	**Information theory and modelling**
Name of 1st component subject:	Information and code theory
Name of 2nd component subject:	Integration of information systems
Name of 2nd final examination subject:	**Application Development**
Name of 1st component subject:	Integrated software systems and their quality assurance
Name of 2nd component subject:	Data analysis and data mining methods

Subspecialisation	**Communication Technologies**
Name of 1st final examination subject:	**Information and code theory, modelling**
Name of 1st component subject:	Information and code theory
Name of 2nd component subject:	Integration of information systems
Name of 2nd final examination subject:	**Communication Technologies**
Name of 1st component subject:	Theory of Signals and Systems
Name of 2nd component subject:	Mobile telecommunication

Subspecialisation	**Production Informatics**
Name of 1st final examination subject:	**Information theory and code theory, modelling**
Name of 1st component subject:	Information and code theory
Name of 2nd component subject:	Integration of information systems
Name of 2nd final examination subject:	**Production Information Engineering**
Name of 1st component subject:	Modelling production processes
Name of 2nd component subject:	Production Planning and Corporate Management

The calculation of the final examination result in the Engineering Informatics master programme (MSc) and its subjects (according to the curriculum introduced in a phasing-in system from 2021/2022/1)

Subspecialisation	**Application developer**

Name of 1st final examination subject:	**Information theory and modelling**
Name of 1st component subject:	Information theory and cryptography
Name of 2nd component subject:	Integration of information systems
Name of 2nd final examination subject:	**Application Development**
Name of 1st component subject:	Integrated software systems and their testing
Name of 2nd component subject:	Data analysis and data mining methods

Subspecialisation	**Communication Technologies**
Name of 1st final examination subject:	**Information and code theory, modelling**
Name of 1st component subject:	Information theory and cryptography
Name of 2nd component subject:	Integration of information systems
Name of 2nd final examination subject:	**Communication Technologies**
Name of 1st component subject:	Theory of Signals and Systems
Name of 2nd component subject:	Mobile telecommunication

Subspecialisation	**Production Informatics**
Name of 1st final examination subject:	**Information theory and code theory, modelling**
Name of 1st component subject:	Information theory and cryptography
Name of 2nd component subject:	Integration of information systems
Name of 2nd final examination subject:	**Production Information Engineering**
Name of 1st component subject:	Modelling production processes
Name of 2nd component subject:	Production Planning and Corporate Management

The calculation of the final examination result in the Mechatronics Engineering master programme (MSc) and its subjects

Grade of the diploma = 0.5*diploma plan grade + 0.3*final examination subjects grade average + 0.2*average of the grades of natural science foundation subjects

Subspecialisation	**Manufacturing device mechatronics**
Name of 1st final examination subject:	**Electrical and Electronic Engineering**
Name of 1st component subject:	Embedded Systems
Name of 2nd component subject:	Electric servo drives

Name of 2nd final examination subject:	**Mechatronics**
Name of 1st component subject:	Automated production devices
Name of 2nd component subject:	Mechatronic systems

The calculation of the final examination result in the Electrical Engineering master programme (MSc) and its subjects

Grade of the diploma (M): M=0.2*TTA+0.4*ZV+0.4*DT

TTA: from among the natural science foundation subjects, the arithmetic mean of the grades of the
subjects Discrete Mathematics and The Basics of Information Technology Physics
ZV: the arithmetic mean of the grades of the final examination subjects
DT: a dissertation grade

Subspecialisation	**Process control and industrial communication systems**
Name of 1st final examination subject:	**Signals, systems, measurement technology**
Name of 1st component subject:	Theory of Signals and Systems
Name of 2nd component subject:	Electrical Modelling and Simulation
Name of 3rd component subject:	Measurement theory and measurement systems
Name of 2nd final examination subject:	**Industrial Communication Systems**
Name of 1st component subject:	Designing Industrial Communication Systems
Name of 2nd component subject:	Designing Management Systems
Name of 3rd component subject:	Distributed management systems

Other fees to be paid at the Faculty of Mechanical Engineering and Informatics

Procedural fees of professional and motivational interviews (admission to MSc training)	HUF 3,000
Procedural fees of application to postgraduate specialisation programmes	
Transfer application procedural fee	
Procedural fees of taking further subspecialisations/blocks/changing subspecialisation	
Procedural fee of applying for a visiting student legal status	
Thesis deferral procedural fee (by the last day of the 2nd week following the submission deadline)	HUF 4,000
Procedural fee of applying to postgraduate specialisation programmes	HUF 3,000/semester
Credit recognition applications	HUF 750 / subject
Preferential study regime	
Preferential examination regime	
Request for removal from the student roster	HUF 2,500
Request for a passive semester	
Request for payment in two instalments	