

PROGRAMME ANNEX TO THE TEACHING AND EXAMINATION REGULATIONS OF THE BACHELOR'S PROGRAMME CREATIVE TECHNOLOGY

The regulations in this annex form an integral part of the teaching and examination regulations of the bachelor's programme Creative Technology of the Faculty of Electrical Engineering, Mathematics and Computer Science of the University of Twente.

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INTRODUCTION

This document describes the Creative Technology specific annex (section) to the Guideline for Teaching and Examination Regulations for Bachelor's programmes for the academic year 2018 – 2019.

In Paragraph 1 of this annex the Creative Technology degree programme has been described in accordance with Article 7.13 of the Higher Education and Research Act, as referred to in the Guideline for Teaching and Examination Regulations for Bachelor's programmes, Article 3.2.3.

In Paragraph 2 of this annex the other Creative Technology specific characteristics have been described.

This programme specific annex is applicable to all students enrolled in the Bachelor's programme Creative Technology. The transitional arrangements for students who were already enrolled for the Bachelor's programme Creative before September 1, 2013 and had education in the preTOM situation (the Twente Education Model (Dutch: Twents Onderwijs Model or TOM) have expired. The remaining, unfinished courses in the curriculum of those students will, from the academic year 2018 – 2019 onwards, be transferred to the module based study units in the programme as outlined in Article 1.1.6 of this annex.

The Guideline for Teaching and Examination Regulations for Bachelor's programmes together with this annex form the applicable Teaching and Examination Regulations for the Bachelor programme Creative Technology¹.

¹ Guideline for Teaching and Examination Regulations for Bachelor's programmes, Article 1.1.4

PARAGRAPH 1
THE PROGRAMME SPECIFIC ISSUES OF ARTICLES 3.1
AND 3.2. (WHW 7.13.2) OF THE REGULATIONS²

Art 1.1 - PROGRAMME CONTENTS AND EXAMINATIONS (A)

1. Students pass the bachelor's examination by completing the study units of tables 1 through 4 of this annex.
2. Students must choose at the end of their first year between two options for module 5 in their second year: Smart Technology (module 5A) or New Media (module 5B) as indicated in table 2.
3. The first semester of the programme's third year is in principle scheduled for a 30 EC free-space programme a.k.a. the minor programme. Students must choose their *minor* programme at the end of the second year. Students can take:
 - (dedicated) pre-Master modules or courses to prepare for further study in a Master's programme,
 - one or more High Tech, Human Touch (HTHT) modules or one of the other following general minor options: The Educative minor ("leren lesgeven" in Dutch only) or the Crossing Borders minor,
 - one semester of courses at another (foreign) university,
 - one or more "deepening" modules, one of those can be the alternative module of their first module in the second year,
 - one or more "broadening" modules (Join-in modules), first or second year modules which belong to other UT Bachelor's programmes,³
 - and possibly more, with due observation of the provisions of article 1.9 of this annex.
4. The student's choice of modules in their minor space (see article 1.1.3 above) must meet the requirements of article 1.9 of this annex.
5. To pass their degree students complete a Graduation Project (GP).
 - a. Students complete their Graduation Project in two parts. The first part is contained in the "Real World Perspective" module (module 11), the second part in the "We Create Impact" module (module 12), as indicated in table 4. The combined study load of the two parts of the Graduation Project is 17 EC.

² The regulations are: the teaching and examination regulations for Creative Technology. The letters (a-e, i, l, s, t, v) in the article titles of this paragraph refer to the corresponding items in WHW 7.13.2 and as mentioned in article 3.2.3 of the Guideline for Teaching and Examination Regulations for Bachelor's programmes.

³ Information about the offer of deepening or broadening modules can be found at:
<https://www.utwente.nl/en/education/electives/minor/offer/regular-minors/>

- b. The Graduation Project consists of:
 - 1. a design project, where context and goals are set preferably by an external party; the proposal for the project needs to be approved by the GP coordinator,
 - 2. a thesis, with appendices when necessary, in which the student renders account of the Graduation Project,
 - 3. a public presentation and defence as the completion of the student's graduation work.
 - c. The "Real World Perspective" module and the "We CreaTe Impact" module are taught each semester; the "Real World Perspective" module (module 11) in blocks 1A and 2A and the "We CreaTe Impact" module (module 12) in blocks 1B and 2B. Students must successfully complete the "Real World Perspective" module before starting the "We Create Impact" module.
6. Tables 1 through 4 describe the content of all modules within the curriculum.
- a. There are no module parts within the modules mentioned in tables 1, 2 and 4 allowed for separate assessment.
 - b. These module descriptions are based on the data of the previous academic year. These descriptions reflect the curriculum of the current academic year to the best of the Programme's Board knowledge but are not binding. They may be subject to minor changes based on e.g. the evaluation results of modules in the fourth quartile which still takes place during the composition of these teaching and examination regulations.
 - c. The Programme Board in close cooperation with its Programme Committee will guarantee the correct completion and publication of the module descriptions no later than 2 weeks prior to the start of a respective module in accordance with the requirements specified in Article 4.4.2 of the Guideline for Teaching and Examination Regulations for Bachelor's programmes.

Table 1: Study units of year 1 (Modules 1 – 4)

Module	Name	Course Code (Osiris)	Assessment Type ⁴
1	We Create Identity ⁵	201700132	ADOPRW
2	Smart Environments ⁶	201700041	ADOPRW
3	Living and Working Tomorrow ⁷	201700306	ADOPRW
4	Art, Impact and Technology ⁸	201700341	ADOPRW

Table 2: Study units of year 2 (Modules 5 – 8)⁹

Module	Name	Course Code (Osiris)	Assessment Type ¹⁰
5A ¹¹	Smart Technology ¹²	201700017	ADOPRW
5B ¹¹	New Media ¹³	201700016	ADOPRW
6	Intelligent Interaction Design ¹⁴	201700131	ADOPRW
7	Innovation and Entrepreneurship ¹⁵	201600233	ADOPRW
8	Data: from the Source to the Senses (DSS) ¹⁶	201600234	ADOPRW

⁴ Assessment types are explained in article 1.8.1 of this annex.

⁵ Osiris: <https://osiris.utwente.nl/student/OnderwijsCatalogusSelect.do?selectie=cursus&cursus=201700132&collegejaar=2017&taal=en>

⁶ Osiris: <https://osiris.utwente.nl/student/OnderwijsCatalogusSelect.do?selectie=cursus&cursus=201700041&collegejaar=2017&taal=en>

⁷ Osiris: <https://osiris.utwente.nl/student/OnderwijsCatalogusSelect.do?selectie=cursus&cursus=201700306&collegejaar=2017&taal=en>

⁸ Osiris: <https://osiris.utwente.nl/student/OnderwijsCatalogusSelect.do?selectie=cursus&cursus=201700341&collegejaar=2017&taal=en>

⁹ The regulation regarding admission to study units in the table 2 is in Art. 1.9.2 of this annex.

¹⁰ Assessment types are explained in article 1.8.1 of this annex.

¹¹ Students choose either module 5A (Smart Technology) or module 5B (New Media) as their module 5. There is no specific prerequisite requirement regarding the choice between the New Media or the Smart Technology module.

¹² Osiris: <https://osiris.utwente.nl/student/OnderwijsCatalogusSelect.do?selectie=cursus&cursus=201700017&collegejaar=2017&taal=en>

¹³ Osiris: <https://osiris.utwente.nl/student/OnderwijsCatalogusSelect.do?selectie=cursus&cursus=201700016&collegejaar=2017&taal=en>

¹⁴ Osiris: <https://osiris.utwente.nl/student/OnderwijsCatalogusSelect.do?selectie=cursus&cursus=201700131&collegejaar=2017&taal=en>

¹⁵ Osiris: <https://osiris.utwente.nl/student/OnderwijsCatalogusSelect.do?selectie=cursus&cursus=201600233&collegejaar=2017&taal=en>

¹⁶ Osiris: <https://osiris.utwente.nl/student/OnderwijsCatalogusSelect.do?selectie=cursus&cursus=201600234&collegejaar=2017&taal=en>

Table 3: Study units of semester 1 in year 3, the minor programme (Modules 9-10)¹⁷

Module	Name	Course Code (Osiris)	Assessment Type ¹⁸
9	A module / (exchange) courses in first half of the minor programme	Unknown, check respective modules or courses*	Unknown, check respective modules or courses
10	A module / (exchange) courses in first half of the minor programme	Unknown, check respective modules or courses*	Unknown, check respective modules or courses

* The module code will depend on the individual choice of the student. If the student chooses a module at the UT, then the respective code should be filled in here. If the student chooses separate courses (i.e. parts of modules such as in some premasters, loose courses at the UT such as in some premasters or courses outside the UT), then all those individual courses will have a unique code.

The range of modules available at the University of Twente for the minor programme can be found in Article 1.1.3; more information on modules for the minor programme is available at the university's Major-minor website¹⁹.

Table 4: Study units of semester 2 in year 3, (towards) the graduation project (Modules 11-12)²⁰

Module	Name	Course Code (Osiris)	Assessment Type ²¹
11 ²²	Real World Perspective ²³	201600364	ADOPRW
12 ²⁴	We create Impact ²⁵	201600050	DOPR

¹⁷ The regulation regarding admission to study units in the table 3 is in Art. 1.9.3 of this annex.

¹⁸ Assessment types are explained in article 1.8.1 of this annex.

¹⁹ <http://www.utwente.nl/en/education/electives/minor/>

²⁰ The regulation regarding admission to study units in the table 4 is in Art. 1.9.4 of this annex.

²¹ Assessment types are explained in article 1.8.1 of this annex.

²² The "Real World Perspective" module (module 11) is taught in the first half of each semester (blocks 1A and 2A). Students cannot take the Real World Perspective module after the We Create Impact module. Students must take the Real World Perspective module and the We Create Impact module consecutively in the same semester.

²³ Osiris: <https://osiris.utwente.nl/student/OnderwijsCatalogusSelect.do?selectie=cursus&cursus=201600364&collegejaar=2017&taal=en>

²⁴ The "We Create Impact" module (module 12) is taught in the second half of each semester (blocks 1B and 2B). Students cannot take the Real World Perspective module after the We Create Impact module. Students must take the Real World Perspective module and the We Create Impact module consecutively in the same semester.

²⁵ Osiris: <https://osiris.utwente.nl/student/OnderwijsCatalogusSelect.do?selectie=cursus&cursus=201600050&collegejaar=2017&taal=en>

Art 1.2 - CONTENTS OF EXAMINATION SPECIALIZATIONS (B)

There are no graduation track specializations within the Creative Technology programme.

Art 1.3 - INTENDED LEARNING OUTCOMES (C)

Graduates of this programme are problem-solvers, who

- can trace back (or help a client trace back) a possibly ill-posed initial question to the underlying challenge,
- can generate ideas and concepts,
- can identify opportunities for the exploitation of new technologies, and
- can develop ideas and concepts into key prototypes.

To this end, they acquire skills and knowledge in five areas:

- (1) Self-managing a process of creation by a designer,
- (2) Understanding and use of technology,
- (3) Designing for interaction, expression, impact and experience,
- (4) Societal and economic value, and
- (5) Academic and professional skills.

The intended learning outcomes in area (1) Self-managing a process of creation by a designer, are:

1. Graduates understand autonomous design, and have the skills and knowledge to act as an autonomous designer, so
 - a. they can identify and choose projects,
 - b. they can explain and justify ideas in context,
 - c. they have developed personality and a personal style.
2. Graduates understand and are skilled in creative thinking and creative acting, so
 - a. they know and can apply creative thinking techniques,
 - b. they know and can apply divergent and convergent thinking,
 - c. they know and can apply tinkering.
3. Graduates understand and have the knowledge to employ multidisciplinary design methods, so
 - a. they understand and can apply phasing in the systematic design process
 - b. they understand and can apply demand driven and explorative design,
 - c. they can design in a team, and invoke help of experts
 - d. they have the knowledge and skills to document and report,
 - e. they have the knowledge and skills to incorporate the user in the design process,
 - f. they have the knowledge and skills to evaluate design options and take design decisions

The intended learning outcomes in the area (2) Understanding and use of technology are:

4. Graduates understand and can use technology in the following domains:
 - a. programming, algorithms, frameworks & protocols
 - b. web technology, web services and data management,
 - c. dynamic behaviour of physical systems, (especially in the electrical domain)
 - d. physical computing, sensing, physical (user) interaction
 - e. (Internet) network technology and protocols
5. Graduates can rely on a basic knowledge of physics, mathematics and engineering in support of their understanding and use of technology.

The intended learning outcomes in the area (3) Designing for interaction, expression, impact and experience are:

6. The graduates understand and can use expressive technology, so
 - a. they have knowledge and skills in expressive media, like still and moving images, sound and 3d-modelling,
 - b. they have knowledge and skills in storytelling, story worlds, and messaging.
7. The graduates
 - a. have knowledge of and can investigate human technology relationship and human design relationship,
 - b. are familiar with arts and culture,
 - c. are aware of human factors, and of social patterns and societal structures.

The intended learning outcomes in the area (4) Societal and economic value are:

8. The graduates have knowledge and skills to bring creative technology to the market, so
 - a. they have the knowledge to perform a market analysis
 - b. they are familiar with attracting capital and financing,
 - c. they understand intellectual property rights
 - e. they can write a business plan.
9. Graduates are aware of the roles of designers in society, and the standards (ethically and legally) for professional behavior.

The intended learning outcomes in the area (5) Academic and professional skills are:

10. Graduates can communicate with experts and non-experts about all aspects of their field, this communication covers:
 - a. presentation,

- b. justification,
- c. documentation,
- d. scientific debate.

In this communication the graduate knows how to employ modern media.

11. Graduates are:

- a. capable of logical reasoning,
- b. inquisitive and capable of posing proper questions,
- c. they have knowledge of research methods,
- d. they can set up their own research,
- e. they can critically evaluate results obtained (by themselves and others),
- f. they can work in a team,
- g. they are capable of critical reflection and can adapt their behavior on the basis of that reflection,
- h. they are aware of gaps in their own knowledge and skills, and
- i. they are prepared to learn and capable of learning.

Art 1.4 - PRACTICAL WORK AND PRACTICAL EXERCISES (D)

There are no special provisions for practical work and exercises.

Art 1.5 - STUDY LOAD OF THE PROGRAMME AND ITS UNITS (E)

The study load of the study units is in the tables of article 1.1 of this annex. The study load of the entire programme is 180 EC.

Art 1.6 - THE FULL- /PART-TIME STATUS (I)

The programme enrolls only students with a full-time status.

Art 1.7 - PERIOD OF VALIDITY OF RESULTS (K)

Test results within a module-based study unit are only valid in the academic year in which they were obtained. The Examination Board may decide upon an extension of this period in individual cases at the request of the student.

Art 1.8 - TYPE AND ORGANIZATION OF TESTS AND ASSESSMENT (L)

1. The way tests and assessments are organized can be found in the tables 1 through 4 of article 1.1 of this annex. The following abbreviations are used:
 - A (Assignments) students hand in (homework) assignments.
 - D (Deliverable) students demonstrate the results of an assignment (a working prototype, a result to be analysed and observed, not mere text)
 - E (Essay) students hand in one or more essays.
 - O (Oral) oral examination
 - P (Public defence) students give a presentation and (publicly) defend the results of an assignment
 - R (Report) written report
 - W (Written) students participate in a session for a written exam

These codes for assessment characterize exams. The examiner²⁶ will observe these characteristics but may add more detailed requirements for assessment.

2. The Programme Board will set and publish the assessment schedule for all study units in tables 1, 2 and 4 (Article 1.1 of this annex) in accordance with the Guideline for Teaching and Examination Regulations for Bachelor's programmes, article 4.4.4.
3. In the case of a minor (Article 1.1. table 3), the Teaching and Examination Regulations of the educational programme providing this particular minor shall apply. This will also be the case for any extracurricular courses or modules.
4. Notwithstanding the provisions of article 4.4 of the Guideline for Teaching and Examination Regulations for Bachelor's programmes and article 1.8.2 of this annex, the module examiner²⁷ may decide in individual cases to offer a student an examination which deviates from the published standard.

The module examiner's authority to deviate from the scheme for test and assessment applies only in cases where the student has fulfilled the following conditions. The student has:

- a. previously participated in the same module (study unit) and passed a number of tests in that module with good results, without passing the exam for the entire module.
 - b. submitted a request for exemption from the standard scheme, which meets the requirements of the "alternative test and assessment procedure", established by the Programme Board and published at the programme's website.
5. Authority of the module examiner and the Examination Board regarding supplementary assessment (applicable only to study units of Article 1.1, tables 1, 2 and 4 of this annex)

²⁶ Staff member responsible for a specific part of a module.

²⁷ Staff member responsible for a module.

- a. The module examiner of each module can offer participants a *supplementary assessment* for the particular module,
 - b. Students can not apply for admission to such a supplementary assessment,
 - c. Admission to supplementary assessment can be granted only to students who failed a module, but who were close to success, and who have shown, despite their failure for this module, clear progress towards reaching the final qualifications of the programme,
 - d. The Examination Board gives directions to the module examiner regarding the admission of students to supplementary assessment.
6. Supplementary assessment (applicable only to study units of Article 1.1, tables 1, 2 and 4 of this annex)
- a. Supplementary assessment for a module is conducted within a 10 weeks period after the moment the result of the module is set. This does not entail that candidates are entitled to have a full 10 weeks period between the original result and the supplementary assessment.
 - b. For students who are admitted to the supplementary assessment, the result of the module is suspended, until the result of the supplementary assessment is available (i.e. suspension lasts at most 10 weeks)
 - c. If the result of supplementary assessment is lower than the initial result, the result of the module remains the same as the initial result.
7. Final repair session (applicable only to study units of Article 1.1, tables 1 and 2 of this annex)
- a. The Programme Board chooses a time slot in the summer holiday period (July and/or August) where a limited number of tests will be offered for repair of failed study units.
 - b. Admission to these final repair sessions is restricted, the Programme Board will invite students to participate; students cannot apply for participation in a final repair session.
 - c. The Programme Board will inform the Examination Board about the final repair sessions, its invited attendees and the obtained results by the attendees.

Art 1.9 - CONDITIONS OF ADMISSION TO STUDY UNITS (S)

1. Students cannot be registered for participation in two different study units at the same time. The Examination Board can grant an exemption to this rule in individual cases, upon request by the student.
2. Participation in study units of the second year is not permitted during the first year of enrolment as a Creative Technology student. The requirements of the second year study units partly coincide with the conditions for a notice of admission (binding study advise).
3. To start a minor programme, the following conditions must be met:

- a. Study units of the first and second years must have been completed with a total study load of at least 90 EC (i.e. completion of 6 study units (modules)).
 - b. (*Minor programme*) The student has completed the minor application procedure, as published on the programme's website by the Programme Board.
 - b1 (*Minor programme at UT*) The student's choice of the minor programme is in agreement with the provisions of the matrix of options for join-in minors, in-depth minors, and High Tech, Human Touch (HTHT) minors, as established by the university and published on the university's website
 - b2. (*Minor programme partly outside the UT*) The study units in the *minor programme* are courses offered by an institution or programme which has an accreditation proving its university level²⁸, or comparable. The Examination Board may rule otherwise.
 - b3. (*Minor programme partly outside UT*) The study units devoted to foreign culture and language among the courses in the *minor programme* have a total study load of at most 10 EC.
 - b4. (*Internship as part of Minor programme*) The study units devoted to an internship in the *minor programme* must not exceed 15 EC. In order to pursue an internship or practical work, the student needs to apply at the Traineeship Office of the EEMCS faculty.
 - b5. (*Multidisciplinary project participation as part of the minor programme*) The study units devoted to participation in a multidisciplinary project in the *minor programme* must not exceed 15 EC. Examples of such projects at the UT are: Green Team and Solar Challenge. In order to be eligible for a multidisciplinary project the student needs to apply at the programme board.
4. The graduation semester consists of two modules, the "Real World Perspective" module (module 11) and the "We CreaTe Impact" module (module 12)
- a. In accordance with article 3.2.2j of the Guideline for Teaching and Examination Regulations for Bachelor's programmes, students must have completed all study units (modules) of tables 1 and 2 (i.e. modules 1 through 8) of the bachelor programme Creative Technology, before starting the "Real World Perspective" module,
 - b. To start their "We CreaTe Impact" module, students must have completed their "Real World Perspective" module in the previous block.

²⁸ Although institutes for higher professional education are recognized as universities outside the Netherlands, they are *not* included in this Dutch use of "university level". For a minor programme at such an institute a student needs permission of the Examination Board.

**Art 1.10 - MANDATORY PARTICIPATION IN PRACTICAL WORK
AND/OR PRACTICAL EXERCISES TO BE ADMITTED TO THE
EXAMINATION (T)**

1. The tables in Article 1.1 of this annex show for which study units participation in practical work is mandatory in order to be admissible to the exam (if any).
2. Provisions (if any) regarding mandatory practical work are also to be found in Article 1.9 of this annex.

**Art 1.11 - SELECTION PROCEDURES FOR SPECIAL TRACKS
WITHIN THE STUDY PROGRAMME (V)**

There are no special tracks within the study programme that require selection procedures.

PARAGRAPH 2 OTHER PROGRAMME SPECIFIC CHARACTERISTICS

Art 1.12 - LANGUAGE

See also the Guideline for Teaching and Examination Regulations for Bachelor's programmes, article 3.3.

1. The language of the programme is English. This applies both to teaching and examination.
2. The Examination Board can grant permission to teach and conduct interim examination in another language. Permission can be granted only if it serves the quality of the assessment.
3. The dean of the faculty Electrical Engineering, Mathematics and Computer Science issues a regulation concerning the assessment of English language proficiency of staff members who teach courses in the programme, and of the support staff for the programme. All staff involved must meet the language requirements of the regulation. Courses to improve English proficiency of staff members are provided.

Art 1.13 - STUDENT COUNSELLING

See also the Guideline for Teaching and Examination Regulations for Bachelor's programmes, article 6.2.

1. By Article 6.2.2 of that Guideline, each student has a study adviser, who, in accordance with the university directive for study advice and notices of exclusion, is the primary person to address for students in matters concerning their study.
2. The study adviser for Creative Technology has a task in mentoring; i.e. personal guidance oriented to personal problems and personal growth.

Art 1.14 - PROFESSIONAL DEVELOPMENT

1. Every student of Creative Technology has a mentor. Mentors are university staff members who take care of academic guidance and professional growth of their mentees.
2. The Examination Board delegates advice and approval for choices of courses in the minor programme (i.e. modules 9 and 10) to the mentors.


Art 1.15 - THE DESIGNATED MASTER'S PROGRAMME

1. The master's programme for Creative Technology graduates, in accordance with section 7.13, subsection 3 of the Act, is the Interaction Technology Programme of the University of Twente.
2. Admission to other Master's programmes may depend on the study units in the student's minor programme. The Admissions Board of the Master's programme defines the requirements an applicant must meet to be eligible for admission.

Art 1.16 - THE ADMINISTRATION OF THE RESULTS FOR TESTS AND EXAMS

1. When an exemption is granted for a test, this is registered in the student information system as a result for that test, with code VR (Dutch: VRijstelling). This VR result will count as a grade 6.0 when the weighted average of test results according to the test scheme of the module is calculated.
2. A student who is entitled to an exemption for a test, may decide to take the test anyway, in order to get a proper mark, instead of the VR and its associated 6.0.
3. A test may be marked by *Pass* or *Fail* only, instead of a score on the standard numeric scale. A *Fail* is registered by code NVD (Dutch: Niet VolDaan), a *Pass* is registered by code V (Dutch: VolDaan). No numeric values are associated with these codes for the purpose of determining averages.

Art 1.17 - PASS / FAIL REGULATION

1. Students who meet the following requirements will pass the Bachelor's final degree audit for the Creative Technology programme:
 - a. The student has received an assessment for all study units (i.e. modules 1 through 8, modules 11 and 12, and the study units of the minor space) of the Bachelor's final degree audit,
 - b. The student's marks are 6 or higher for all study units; 

In all other cases, the student will not pass the final degree audit.

Art 1.18 - CUM LAUDE (WITH DISTINCTION)

1. A student may pass the Bachelor's final degree audit with distinction (cum laude). The following conditions must be met to obtain the award of distinction:
 - a. the average of the assessment marks, scored on modules of the bachelor's examination, is at least 8.0;
 - b. when determining the above average, the modules for which no marks have been awarded or for which exemptions were granted will be left out of consideration;
 - c. none of the modules of the examination programme has been awarded an unsatisfactory grade;
 - d. no more than one module has been awarded a 6;
 - e. exemptions have been granted for no more than one third of the total degree programme;
 - f. the assessment mark of the Graduation Project in the "We Create Impact" module is at least an 8.0.
 - g. the bachelor programme has been completed within a maximum of four years (performance requirement).

3. In exceptional cases and at the student's request, the Examination Board may award the distinction (cum laude) if the student has met all requirements with the exception of the performance requirement, due to extenuating circumstances. These circumstances may involve delays recognised and provided for by the institution.
4. It should be noted that the award of distinction is never awarded automatically. In exceptional cases such as fraud the Examination Board may decide not to grant cum laude.

Art 1.19 - REGULATIONS REGARDING BSA (NOTICE OF EXCLUSION)

1. Creative Technology uses the BSA module of the student information system (Osiris).
2. Recommendations regarding the continuation of studies are based on results that are registered for the study units of the first year (i.e. for module results and not for the results of (sub)tests within modules).
3. The Creative Technology programme imposes no additional requirements for a positive recommendation except the requirement that 45 EC must have been completed, in accordance with article 6.3.7. of the Guideline for Teaching and Examination Regulations for Bachelor's programmes.
4. Students will receive their formal recommendations digitally (i.e. not on paper), and with a digital signature. The recommendations are formulated in accordance with the provisions of these regulations.

Art 1.20 - REGULATIONS REGARDING CONFIDENTIALITY AND NON-DISCLOSURE

1. The thesis of the Graduation Project is a public document that is available at the public repository "University of Twente Theses"²⁹.
2. The Programme Board may decide to suspend publication of the Graduation Project thesis for a limited period of time and to declare the information in the thesis to have a confidential status.
 - a. Confidentiality can be granted only if the thesis supervisor asks for confidentiality at the start of the Graduation Project.
 - b. Even under an agreement of confidentiality, the thesis is accessible for parties who have duties and responsibilities regarding the quality of education: The Programme Director, Board of Examiners and, when applicable, the Quality Assessment Committee for accreditation purposes.
 - c. Parties with access to a confidential thesis will respect confidentiality and sign a non-disclosure agreement if so required.
3. The student's Graduation Project is completed by a public presentation and defense.

²⁹ <http://essay.utwente.nl> (last visited 24-5-2018)

- a. There is no exception to the rule that the presentation and defense are public.
- b. The contents of the presentation may be adapted to prevent confidential information becoming public.

Art 1.21 - EVALUATION AND SAFEGUARDING OF EDUCATION

See also the Guideline for Teaching and Examination Regulations for Bachelor's programmes, article 4.10. To monitor and improve the quality of teaching, the Creative Technology BSc programme uses information about the students' learning experiences.

1. Each student participating in a module will receive an invitation to participate in the UT – Student Experience Questionnaire (UT-SEQ).
2. The Programme Board has installed an independent, student-run evaluation committee: The CreaTe Evaluation Committee (CREEC). The CREEC will organize at least two panel discussions per module. The minutes of each panel discussion will be published on a website, accessible to both UT employees and students.
 - a. The first discussion will take place half-way the completion of the module (weeks 4 or 5).
 - b. The second discussion will take place within two weeks after the completion of the module.
 - c. At the request of the module coordinator, or the Programme Committee, or the Programme Board the CREEC can organise an additional panel discussion.
3. The Programme Board in consultation with the module coordinator will organize panel discussions between Programme Board, teachers and students.
4. The following external sources are used:
 - a. The National Student Survey (Dutch: Nationale Studenten Enquete)³⁰.
 - b. The International Student Barometer³¹.

³⁰ <https://www.studiekeuze123.nl/take-the-national-student-survey> (last visited 24-5-2018)

³¹ <https://www.i-graduate.org/services/international-student-barometer/> (last visited 24-5-2018)