Spikker - Sieverink, B. (CES)

From: Hoeven, G.F. van der (EWI)
Sent: dinsdag 28 april 2015 11:26
To: Spikker - Sieverink, B. (CES)
Subject: RE: OERs in de OLC CreaTe/HMI
Attachments: OER HMI; OER concept

Dag Barbara,

In het attachment twee mails die ik heb rondgestuurd, met “laatste versies”
Van Erik een reactie ontvangen op de bachelor OER.
Verder nog geen commentaar terug gekregen.

Groet
Gerrit

From: Spikker - Sieverink, B. (CES)
Sent: dinsdag 28 april 2015 11:20
To: Hoeven, G.F. van der (EWI)
Subject: RE: OERs in de OLC CreaTe/HMI

Gerrit

Heb je al eea?

Gr barbara

From: Hoeven, G.F. van der (EWI)
Sent: dinsdag 21 april 2015 16:56
To: Spikker - Sieverink, B. (CES); Poel, M. (EWI); Salm, C. (EWI); Passel, P. van (CTW); Akker, H.J.A. op den (EWI); Kolkmeier, J. (Jan, Student M-HMI); Lammers, F.G. (Frank, Student B-CREA); Nibbelke, V. (Vincent, Student M-HMI); Haan, S. de (Sophie, Student B-CREA); Faber, E.J. (EWI)
Subject: OERs in de OLC CreaTe/HMI

Dag allen,

Vanochtend is in het MT van de faculteit besloten toch meer tijd te nemen voor de aanlevering en behandeling van de OERs.

De datum waarop OERs en advies van de OLC binnen moeten zijn is nu ***4 juni 2015***.
Dat geeft ruimte voor bespreking van de concepten in de vergadering van 12 mei.

Ik ben zelf overigens van 30 april tot 11 mei afwezig. Ook 12 mei is dus een hele krappe deadline. Ik probeer wel nog deze week (morgen?) een concept van de Bachelor OER rond te sturen naar de subcommissie.

Groet
Gerrit

Spikker - Sieverink, B. (CES)

From: Hoeven, G.F. van der (EWI)
Sent: donderdag 23 april 2015 11:41
To: Salm, C. (EWI); Passel, P. van (CTW); Haan, S. de (Sophie, Student B-CREA); Faber, E.J. (EWI); Kluijver, T.H. de (EWI)
Subject: OER concept
Attachments: OER Bachelor 2015 - Creative Technology Programme Appendix(2).docx

Dag,

Hier is de Oer CreaTe voor 2015, in zijn meest bijgewerkte toestand (nou ja, ik geef het nu uit handen voor commentaar door anderen)

Opmerkingen zijn zeer welkom.

Groet
Gerrit

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

The regulations in this appendix 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.

CONTENTS

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

Art 1.1 - PROGRAMME CONTENTS AND EXAMINATIONS(A)

1. Students who were already enrolled for the Bachelor's programme Creative before September 1, 2013, pass the bachelor's examination by completing[2] the units of study of tables 1a, 2a and 3a.
2.
    a. The units of study of tables 1a are no longer taught as separate units (as of September 1, 2013). Provisions for completing these units are in the Transitional arrangements appendix.
    b. The units of study of table 2a are no longer taught as separate units (as of September 1, 2014). Provisions for completing these units are in the Transitional arrangements appendix.
    c. The units of study of table 3a are no longer taught as separate units (as of September 1, 2015). Provisions for completing these units are in the Transitional arrangements appendix.
3. Students who are enrolled for their first year in Creative Technology on or after September 1, 2013, pass the bachelor's examination by completing the units of study of table 1b, 2b and 3b.
4. For (almost) every unit of study, with the exception of the units referred to in Article 1.1.2, supervised (teaching) activities are organized. The nature of the activities is included in the tables 1b, 2b, and 3b, using the following abbreviations
    A (Assignments) Students work on assignments, under supervision of a teacher and/or assistant.
    D (Deliverable) a result is being produced, which can be demonstrated and observed; the product is more than mere text for reading.
    G (Group) students collaborate in a group.
    I (Interaction) questions are raised, discussed and answered, in collaboration between students and teacher.
    L (Lectures) an expert speaker addresses the students.
    P (Presentations) the students address their fellow students.
5.
    a. At the end of the first year students who were already enrolled before Sptember 1, 2013, must choose between two options for a specialization course in their second year: Smart Technology and New Media.

[1] The regulations are: the teaching and examination regulations for Creative Technology. The letters (a-m) in the article titles of this paragraph refer to the corresponding items in WHW 7.13.2

[2] To complete a unit means to pass the unit's assessment with a sufficient result.

b. At the end of the first year students who were first enrolled on or after September 1, 2013, must choose between two options for module 5 in their second year: Smart Technology and New Media.

6. Students have to choose courses with a study load of 30 EC in semester 5 (the first half of the third year of the programme),
   a. At the end of the second year students who were already enrolled before September 1, 2013, must choose courses in their *profileringsruimte*
      - students can take courses to prepare for further study in a Master's programme,
      - students can take a standard or individual minor programme
      - students can take one semester of courses at another (foreign) university (which is in fact a special kind of an individual minor),
      - students can take the opposite course of their second year specialization (15 EC), and combine this with a choice of other courses with a 15 EC study load in total, to make an individual 30 EC minor,
      - and possibly more.
   b. At the end of the second year students who were first enrolled on or after September 1, 2013, must choose modules for their *minor*
      - students can take pre-Master modules to prepare for further study in a Master's programme,
      - students can take one or more HTHT modules
      - students can take one semester of courses at another (foreign) university,
      - students can take one or more "deepening" modules, one of those can be the opposite module of their first module in the second year.
      - students can take one or more "broadening" modules, modules which belong to other UT Bachelor's programmes.
      - and possibly more.
7. The student's choice of courses and modules in semester 5 (cf. item 6 above) must meet the requirements of Art 1.12 of this appendix.
9. Students who were already enrolled before September 1, 2013 have to choose *electives* in their third year totalling at least 15 EC. Their choice of electives serves at least two purposes:
   - students are confronted with a view on and research into the human-technology relationship which is largely inspired by behavioural or management sciences,
   - students work on ethics and professional standards for design.

   Table 3a contains the list of electives. The text below the table elaborates the options a student has to deviate from this list.
10. To pass their degree students complete a graduation work.

a. In their Final project at the end of their third year students who were already enrolled before September 1, 2013 complete graduation work with a study load of 15 EC.

b. Students who were first enrolled on or after September 1, 2013 complete graduation work in two parts. The first part is contained in the Pre Final module, the second part in the Final module. The combined study load of the two parts is 17 EC.

c. Graduation work consists of

1. A design project, where context and goals are set preferably by an external party.
2. A graduation report, with appendices when necessary, in which the student renders account of the graduation project and the design approach, and describes and documents literature search, surveys and experiments conducted during the project, as well as the prototypes and other deliverables which result from the project.
3. A summary of the graduation report.
4. A public presentation and defence of the graduation work.

d. Students enrolled before September 1, 2013 can start graduation work only at the beginning of a semester, i.e. in September of February. The deadline for their graduation work is at the end of the semester in which it started. This period of time cannot be extended. If the deadline is not met, the examiners will assess the graduation work anyway. This may result in a fail.

e. The Pre Final and the Final modules are taught each semester; the Pre Final module in the first half (blocks 1A and 2A), the Final module in the second half (blocks 1B and 2B). Students cannot take the Pre Final module after the Final module. Students must take the Pre Final and the Final module consecutively in the same semester.

12 The Examination Board may decide that students pass their examination even if some results are insufficient. The rules set by the Examination Board for passing examinations are in the *Rules and Regulations* of the Examination Board.

Table 1a: the first year for students already enrolled before September 1, 2013

	study load in EC	teaching activities[3]	assessment[4]	enablers
We Create Identity	5		Q1	
Smart Environments	4		Q2	ST
Living and Working Tomorrow	5		Q3	
Have Fun and Play!	5		Q4	
Visual Communication	4		Q1	NM
Sketching for CreaTe	3		Q2	
Interactive Visualization	4		Q3&Q4	NM
Designing in Context	3		Q3	
Human Factors	3		Q4	
Introduction to Computer Science	2		Q1	
Programming and Physical Computing	7		Q1&Q2	NM
Introduction to Physical Systems and their Dynamic Behaviour	5		Q3&Q4	ST
Introduction to Mathematics and Modelling	6		Q2&Q3	ST
First year portfolio	4		Q1-Q4	P
Year 1	60			

The abbreviations for enablers must be read as follows

NM (New Media) students must have completed these units before they can participate in the New Media course of the second year (cf. Art 1.12 of this appendix).

ST (Smart Technology) students must have completed these units before they can participate in the Smart Technology course of the second year (cf Art 1.12 of this appendix).

P students must have completed the first year portfolio before they can participate in the second year portfolio.

[3] The column is empty since these units of study are no longer taught, cf Art. 1.1.2a

[4] The column contains quarters where subtests have to be taken to fulfil the assessment requirements, since there will be no more examinations for these units. See the Transitional arrangements appendix.

Table 1b: the first year for students first enrolled on or after September 1, 2013

	study load in EC	teaching activities[5]	Assessment type[6]
We Create Identity *Introductions to priogramming, computer science and engineering; web technology; video workshops; visual communication; storytelling/moviemaking project; Mathematics "sprint" week*	15	ADGILP	ADOPRW
Smart Environments *Introduction to mathematics, programming and physical computing; sketching; project management; implicit interaction and sensing; smart environme ts project*	15	ADGILP	ADOPRW
Living and Working Tomorrow, Ideation and Explorative Design *Mathematics continued; design methodology; animation tools; creative thinking techniques; product development project for a client*	15	ADGILP	ADOPRW
Art, Impact and Technology *Statistics; programming; human factors, and project on art, impact and technology*	15	ADGILP	ADOPRW
Year 1	60		

There are no regulations restricting admission to units of study in this Table 1b.

[5] A (Assignments) Students work on assignments, under supervision of a teacher and/or assistant.
D (Deliverable) a result is being produced, which can be demonstrated and observed; the product is more than mere text for reading.
G (Group) students collaborate in a group.
I (Interaction) questions are raised, discussed and answered, in collaboration between students and teacher.
L (Lectures) an expert speaker addresses the students.
P (Presentations) the students address their fellow students.

[6] 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)
O (Oral) oral examination
P (Public defence) student give a presentation and (publicly) defend the results of an assignment
R (Report) students hand in one or more written texts (reports, essays, papers).
W (Written) students participate in a session for a written exam.

Table 2a: the second year for students already enrolled before September 1, 2013

		study load in EC	teaching activities[7]	assessment[8]	prerequisites
Ambient Screens		5		Q2	45
Hybrid Worlds		5		Q4	45
Creative Explorations in Art, Science and Technology		2		--[9]	45
Animated Narration		3		Q1	45
Innovation and Entrepreneurship for IBA		3		Q3	45
Startrix for CreaTe		5		Q3	45
Programming with Structures		5		Q1[10]	45
Web Services and Data-driven Applications		4		Q4	45
Introduction to Probability and Statistics		3		Q4	45
Research Methodology		2		Q2	45
Systems and Signals		3		Q1	45
either	Strategies and Protocols	3		Q2[11]	45+r
or	Queues and logistics	3			45+r
either	*Smart Technology*	15		Q1-4	45+ST
or	*New Media*	15		Q1-4	45+NM
Second Year Portfolio		2			45+P
Year 2		60			

The two pairs of units preceded by “either…or” are options. Each student has to complete at least one of the units of each pair. (cf this Art 1.1 items 6 and 7)

The units which are printed in italics are specific for a specialization. (cf this Art 1.1 items 6 and 7). Students who opt for Smart Technology take the Smart Technology unit. Students who opt for New Media take the New Media unit. Both units have a study load of 15 credits.

[7] This column is empty since these units are no longer taught, cf. Art. 1.1.2b

[8] The column contains quarters where subtests have to be taken to fulfil the assessment requirements, since there will be no more examinations for these units. See the Transitional arrangements appendix.

[9] This unit is to be completed by individual appointment

[10] There wil be a resit for the original course (contrary to the stipulation of note 8) in the first quarter of 2014-2015

[11] There wil be a resit for the original course (contrary to the stipulation of note 8) in the second quarter of 2014-2015

The prerequisites must be understood as follows (see also Art 1.12 of this appendix)*:*

45 To participate, students must have completed units of the first year with a total study load of at least 45 EC

+r To participate, students have to register, and their registration must be accepted; the courses have a limited capacity for participation

+NM (New Media) To participate, students must have completed the NM enablers of table 1.

+ST (Smart Technology) To participate, students must have completed the ST enablers of table 1a.

+P To participate, students must have completed the first year portfolio.

Table 2b: the second year for students first enrolled on or after September 1, -2013

	study load in EC	teaching activities[12]	Assessment type[13]
either New Media *or* Smart Technology *systems and signals; introduction to electronics, telecommunication, sensors and control systems; individual research project* or *systems and signals, animated narration, sound engineering and game development; individual research project*	15	ADGILP	ADOPRW
Intelligent Interaction *Interaction design; artificial intelligence; statistics; programming; interaction design project*	15	ADGILP	ADOPRW
innovation & Entrepreneurship *Theory of innovation and entrepreneurship; property rights; project on business development/business planning; game theory; ethics and professional rsponsibilities*	15	ADGILP	ADOPRW
Data: from sources to senses *Data driven applications; data visualization; virtual meets reality project; communication protocols, choice between extra smart technology or extra new media*	15	ADGILP	ADOPRW
Year 2	60		

The regulation regarding admission to units of study in this table 2b is in Art. 1.12.1 of this appendix. There is no specific prerequisite requirement regarding the choice between the New Media and the Smart Technology module.

[12] A (Assignments) Students work on assignments, under supervision of a teacher and/or assistant.
D (Deliverable) a result is being produced, which can be demonstrated and observed; the product is more than mere text for reading.
G (Group) students collaborate in a group.
I (Interaction) questions are raised, discussed and answered, in collaboration between students and teacher.
L (Lectures) an expert speaker addresses the students.
P (Presentations) the students address their fellow students.

[13] 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)
O (Oral) oral examination
P (Public defence) student give a presentation and (publicly) defend the results of an assignment
R (Report) students hand in one or more written texts (reports, essays, papers).
W (Written) students participate in a session for a written exam.

Table 3a: the third year for students already enrolled before September 1, 2013

		study load in EC	teaching activities	assessment	prerequisites
Free space to establish a profile (profileringsruimte)		30			90
Electives, choice from	*Design Against Crime, 6EC* *Remote Care Nearby, 5EC* *Entertainment Education, 5EC* *Communication Technology for Global Work,5EC* *Ethics for CreaTe, 5EC*	15			90
Final Project					150
Year 3					

The units of table 3a which are printed in italics describe electives and options for the student. See Art 1.1.8 and 1.1.9.

Provisions for the choice of options and electives are further elaborated in Art. 1.12.3.

Students may replace Ethics for Creative Technology by other Ethics courses, if their tutor approves. Students may propose to take other courses as elective than the courses in the list; however, they need explicit permission of the Examination Board to take an elective (non-ethics) course which is not in the list.

The prerequisites must be understood as follows (see also Art 1.12 of this appendix)

90 To participate in these units of study, students must have completed units of their first and second year totalling at least 90 credits.

150 To start the Final Project, students must have completed 150 EC of the entire programme.

Table 3b: the third year for students enrolled on or after September 1, 2013

	study load in EC	teaching activities	Assessment type
First module of minor programme/ courses in the exchange programme	15		
Second module of minor programme/ courses in the exchange programme	15		
Pre Final module *graduation project part 1* *academic writing* *real life confrontation*	15		
Final module *graduation project part 2* *reflection*	15		
Year 2	60		

More information on modules for the minor programme is available at the university's Major-minor website[14]
The range of modules available at the University of Twente for the minor programme covers
HTHT modules; modules for the Crossing Borders, the Education and the Board minor; join-in modules; in-depth modules; premaster (or transfer) modules

But the minor programme can also consist of courses at another (foreign) university, and it can contain practical work (as a trainee or intern in a company) cf Art 1.12 of this appendix.

The Pre-Final module must precede the Final module; the powers of the Examination Board to deviate from these Regulations in individual cases under circumstances of an overriding nature ($$*referentie)* do not extend to this constraint on the order of units.

The Pre Final module and the Final module must be taken in the same semester.

[14] http://www.utwente.nl/en/education/electives/minor/

Art 1.2 - CONTENTS OF EXAMINATION SPECIALIZATIONS (B)

There are no specializations a student can choose for graduation.

Art 1.3 - INTENDED LEARNING OUTCOMES (C)

Graduates of this program 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) Controlling the 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, 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. software, algorithms, physical interaction
    b. web technology, web services and data management,
    c. behaviour of physical systems, (especially in the electrical domain)
    d. sensing, implicit interaction
    e. telecommunication.
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 stills 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 (to a limited extent) ;

    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 (to a limited extent) ;
    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;
    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 units of study is in the tables of article 1.1 of this appendix. The study load of the entire programme is 180 EC..

Art 1.6 - ADDITIONAL REQUIREMENTS REGARDING BSA (NOTICE OF EXCLUSION) (F)

The programme imposes no additional requirements regarding BSA (the “bindend studieadvies”).

Art 1.7 - STUDY LOAD MASTER’S PROGRAMME (G)

Does not apply.

Art 1.8 - PROVISIONS REGARDING THE NUMBER OF OPPORTUNITIES TO TAKE TESTS AND INTERIM EXAMINATIONS, AND THEIR ORDER (H)

1. There are two opportunities per academic year to sit a written interim examination for units of study in tables 1a, 2a and 3a of Art. 1.
2. For the final assessment of a unit of study in table 1b or 2b, the regulations of Art. 1.11.3 and 1.11.4 of this appendix apply.
3. The provisions regarding the order of tests and exams are contained in the admission conditions of Art 1.12 of this appendix. The same provisions appear in the tables of Art 1.1 of this appendix.

Art 1.9 - THE FULL- /PART-TIME STATUS (I)

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

Art 1.10 - TEST AND EXAMINATION PERIODS (J)

1. Periods for tests and exams are in the rosters.
2. There is no specific period to take the bachelor’s examination.

Art 1.11 - TYPE AND ORGANIZATION OF TESTS AND ASSESSMENT (L)

1. The way test and assessment are organized can be found in the tables 1a, 1b, 2a, 2b, and 3a of Art 1.1 of this appendix. 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) student give a presentation and (publicly) defend the results of an assignment

   W (Written) students participate in a session for a written exam.

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

2. For units in tables 1b and 2b (Article 1.1 of this appendix) the examiners will set and publish (available at the start of the unit)

   a. an overview of the various tests involved, and the nature of each individual test in terms of Article 1.11.1

   b. a required minimum score for each test, in order to achieve a result for the entire module.

   c. the weight that each test will have in determining the final grade for the entire module.

3. Authority of the Examiner and the Examination Board regarding supplementary assessment (applicable only to units of Article 1.1 tables 1b and 2b, and to the Pre Final and Final module of table 3b)

   The examiner of each unit can offer participants a *supplementary assessment* for the unit.

   Admission to supplementary assessment can be granted only to students who failed the unit, 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.

   The Examination Board gives directions to the examiner regarding the admission of students to supplementary assessment.

4. Supplementary assessment (applicable only to units of Article 1 tables 1b,2b, and to the Pre Final and Final module of table 3b)

   Supplementary assessment for a unit is conducted within a 10 weeks period after the moment the result of the unit is set. This does not entail that candidates are entitled to have a 10 weeks period between the original result and the supplementary assessment.

   For candidates who are admitted to the supplementary assessment, the result of the unit is suspended, until the result of the supplementary assessment is available (i.e. the suspension lasts at most 10 weeks)

   If the result of the supplementary assessment is positive, the candidate is awarded by a grade 6 for the entire unit. In the grading of the Final module the examiner may decide to deviate from this rule.

If the result of supplementary assessment is negative, the result of the unit is the original result, that has been suspended until the supplementary assessment.

Art 1.12 - CONDITIONS OF ADMISSION TO UNITS OF STUDY (S)

1. To participate in one of the modules of Table 2b in Art. 1.1 of this appendix, a student must have completed the corresponding module of Table 1b in Art. 1.1 of this appendix. (Corresponding means: taught in the same quarter). The module examiner of the Table 2b module may grant exemption of this rule.
2. (Applies only to students who were already enrolled before September 1, 2013.) To participate in the units of study of the second year of table 2a the following conditions must be met:
    a. There is a registration as either New Media or Smart Technology student
    b. Study units of the first year with a total study load of at least 45 credits have been completed.
    c(Math) To take either Queues and Logistics or Strategies and Protocols, the student's registration for the course of his/her choice must have been accepted. There is a registration procedure for students to apply for participation, the number of participants for each course is limited.
    d(ST). To take Smart Technology as a specialization in the second year, the enabling units of the first year must have been completed. The enabling units for ST are (see also table 1a)
    Smart Environments
    Introduction to Physical Systems and their Dynamic Behaviour
    Introduction to Mathematics and Modelling
    d(NM). To take New Media units as a specialization in the second year, the enabling units of the first year must have been completed. The enabling units for NM are (see also table 1a)
    Visual Communication
    Interactive Visualization
    Programming and Physical Computing
3. (Applies only to students who were already enrolled before September 1, 2013.) To participate in units of the third year, 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 credits.
    b. (*profileringsruimte*) The second year tutor has given permission (on behalf of the Examination Board) for the courses in the *profileringsruimte*; the tutor has the authority to refuse permission even if a proposed choice of courses meets the requirements b1, b2 and b3.
    b1. (*profileringsruimte*) The units of study in the *profileringsruimte* are courses offered by an institution or programme which has an accreditation proving its university level, or comparable. The Examination Board may rule otherwise in individual cases.

b2. (*profileringsruimte*) The units of study of an introductory nature among the courses in the *profileringsruimte* have a total study load of at most 20 EC; the amount of practical work in the *profileringsruimte* does not exceed a study load of 15 EC.

b3. (*profileringsruimte*) The units of study devoted to foreign culture and language among the courses in the *profileringsruimte* have a total study load of at most 10 EC

c (*electives*) The second year tutor has given permission (on behalf of the Examination Board) for the choice of electives; the tutor has the authority to refuse permission even if a proposed choice of courses meets the requirements c1, c2, c3 and c4.

c1 (*electives*) At least one unit among the electives deals with ethics and professional standards.

c2 (*electives*) other units among the electives deal with research into human-product relationships, from the perspective of behavioural and/or management sciences, except for students who opt for an effort as described under c3 or c4.

c3 (*electives*) one unit among the electives, with a study load of 5 EC maximum, can be an assistantship in a final project of a fellow student. It must be clear that the student doing the final project defines the work of the assistant, and acts as his or her manager. An examiner appointed by Examination Board is responsible for the assessment of the assistant's work.
This option cannot be combined with the option under c4.

c4 (*electives*) one unit among the electives, with a study load of 5 EC maximum, can be devoted to academic writing. (*201300223 Academic Writing for CreaTe*) This option cannot be combined with the option under c3.

c5 (*electives*) one unit among the electives can be devoted to study tour preparation. (*201300292 Study Trip Theme Course*) This option is available only for participants in a study tour, and cannot be combined with option under c3.

4. The Examination Board sets rules for the assistantships under 1.12. item 3.c3.
5. (Applies only to students who were first enrolled on or after September 1, 2013.) 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 credits (i.e. 6 modules).
    b. (*Minor programme*) The second year tutor has signed for agreement (on behalf of the Examination Board) with the contents of the *minor programme*; the tutor has the authority not to agree even if a proposed choice of courses meets the requirements b1, b2 and b3.
    b1. (*Minor programme partly outside the UT*) The units of study in the *minor programme* are courses offered by an institution or programme which has

an accreditation proving its university level[15], or comparable. The Examination Board may rule otherwise in individual cases.

b2. (*Minor programme partly outside the UT*) The units of study of an introductory nature among the courses in the *minor programme* have a total study load of at most 20 EC; the amount of practical work in the *minor programme* does not exceed a study load of 15 EC.

b3. (*Minor programme partly outside UT*) The units of study devoted to foreign culture and language among the courses in the *minor programme* have a total study load of at most 10 EC.

6. (Applies only to students who were already enrolled before September 1, 2013.) To start their Final Project, students must have completed units totalling 150EC of the programme. For students who were first enrolled in September 2013 or later, the requirement is that they must have completed 9 modules.
7. (Applies only to students who were first enrolled on or after September 1, 2013.)
    a. To start their Final module, students must have completed their Pre Final module in the previous block
    b. To start their Pre Final module, students must have completed all units (modules) of tables 1b and 2b.

Art 1.13 - MANDATORY PARTICIPATION IN PRACTICAL WORK AND/OR PRACTICAL EXERCISES TO BE ADMITTED TO THE EXAMINATION (T)

1. The tables in Art 1.1 of this appendix show for which units of study 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 Art 1.12 of this appendix.

[15] 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 you need to ask permission of the Examination Board.

PARAGRAPH 2
OTHER PROGRAMME SPECIFIC CHARACTERISTICS

Art 1.14 - LANGUAGE

1. The language of the programme is English. This applies 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 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 1.15 - STUDENT COUNSELLING

1. By Art. 6.2.2 of the teaching and examination regulations, each student has a student 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.
3. The student adviser for Creative Technology has a task in mentoring, i.e. personal guidance oriented to personal problems and personal growth.

Art 1.16 - TUTORING

1. Every student of Creative Technology has a tutor. Tutors are university staff members who take care of academic guidance and professional growth of their tutees (a tutee is a student who is guided by the tutor).
2. The Examination Board delegates advice and approval for choices of courses in the *profileringsruimte*, and choices of electives to the tutors.

Art 1.17 - REGULATIONS REGARDING REGISTERING FOR TESTS AND EXAMS

Regulations regarding the registration as a participant before taking a test or exam can be found at the Creative Technology web site.

Art 1.18 - 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 Human Media Interaction Programme of the University of Twente.
2. Admission to other Master's programmes may depend on study units in the student's "profileringsruimte". The Admissions Board of the Master's programme defines the requirements an applicant must meet to be eligible for admission.

Art 1.19 - 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 mark 6 when a (weighted) average of test results is determined.
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.
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.
4. If more than one mark is registered (for different attempts at the same test or exam), the highest mark counts.

Art 1.20 - REGULATIONS REGARDING BSA (NOTICE OF EXCLUSION)

1. Creative Technology uses the BSA module of the student information system.
2. Recommendations regarding the continuation of studies are based on results that are registered for units of study (i.e. not on the results of (sub)tests).
3. The Creative Technology programme imposes no additional requirements for a positive recommendation except the requirement that 45EC must have been completed, in accordance with Art. 6.3.7. of the Teaching and Examination Regulations
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.

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

The regulations in this appendix 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.

CONTENTS

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

Art 1.1 - PROGRAMME CONTENTS AND EXAMINATIONS(A)

1. Students who were already enrolled for the Bachelor's programme Creative before September 1, 2013, pass the bachelor's examination by completing[2] the units of study of tables 1a, 2a and 3a.
2.
    a. The units of study of tables 1a are no longer taught as separate units (as of September 1, 2013). Provisions for completing these units are in the Transitional arrangements appendix.
    b. The units of study of table 2a are no longer taught as separate units (as of September 1, 2014). Provisions for completing these units are in the Transitional arrangements appendix.
    c. The units of study of table 3a are no longer taught as separate units (as of September 1, 2015). Provisions for completing these units are in the Transitional arrangements appendix.
3. Students who are enrolled for their first year in Creative Technology on or after September 1, 2013, pass the bachelor's examination by completing the units of study of table 1b, 2b and 3b.
4. For (almost) every unit of study, with the exception of the units referred to in Article 1.1.2, supervised (teaching) activities are organized. The nature of the activities is included in the tables 1b, 2b, and 3b, using the following abbreviations
    A (Assignments) Students work on assignments, under supervision of a teacher and/or assistant.
    D (Deliverable) a result is being produced, which can be demonstrated and observed; the product is more than mere text for reading.
    G (Group) students collaborate in a group.
    I (Interaction) questions are raised, discussed and answered, in collaboration between students and teacher.
    L (Lectures) an expert speaker addresses the students.
    P (Presentations) the students address their fellow students.
5.
    a. At the end of the first year students who were already enrolled before Sptember 1, 2013, must choose between two options for a specialization course in their second year: Smart Technology and New Media.

[1] The regulations are: the teaching and examination regulations for Creative Technology. The letters (a-m) in the article titles of this paragraph refer to the corresponding items in WHW 7.13.2

[2] To complete a unit means to pass the unit's assessment with a sufficient result.

b. At the end of the first year students who were first enrolled on or after September 1, 2013, must choose between two options for module 5 in their second year: Smart Technology and New Media.

6. Students have to choose courses with a study load of 30 EC in semester 5 (the first half of the third year of the programme),
   a. At the end of the second year students who were already enrolled before September 1, 2013, must choose courses in their *profileringsruimte*
      - students can take courses to prepare for further study in a Master's programme,
      - students can take a standard or individual minor programme
      - students can take one semester of courses at another (foreign) university (which is in fact a special kind of an individual minor),
      - students can take the opposite course of their second year specialization (15 EC), and combine this with a choice of other courses with a 15 EC study load in total, to make an individual 30 EC minor,
      - and possibly more.
   b. At the end of the second year students who were first enrolled on or after September 1, 2013, must choose modules for their *minor*
      - students can take pre-Master modules to prepare for further study in a Master's programme,
      - students can take one or more HTHT modules
      - students can take one semester of courses at another (foreign) university,
      - students can take one or more "deepening" modules, one of those can be the opposite module of their first module in the second year.
      - students can take one or more "broadening" modules, modules which belong to other UT Bachelor's programmes.
      - and possibly more.
7. The student's choice of courses and modules in semester 5 (cf. item 6 above) must meet the requirements of Art 1.12 of this appendix.
9. Students who were already enrolled before September 1, 2013 have to choose *electives* in their third year totalling at least 15 EC. Their choice of electives serves at least two purposes:
   - students are confronted with a view on and research into the human-technology relationship which is largely inspired by behavioural or management sciences,
   - students work on ethics and professional standards for design.

   Table 3a contains the list of electives. The text below the table elaborates the options a student has to deviate from this list.
10. To pass their degree students complete a graduation work.

Comment [E.J.1]: In module 8 zit ook nog een keuzemoment ST en NM

Comment [E.J.2]: Er mist nummer 8

Comment [E.J.3]: woordkeuze? Wordt hier wel deviate (afwijken) bedoeld?

a. In their Final project at the end of their third year students who were already enrolled before September 1, 2013 complete graduation work with a study load of 15 EC.

b. Students who were first enrolled on or after September 1, 2013 complete graduation work in two parts. The first part is contained in the Pre Final module, the second part in the Final module. The combined study load of the two parts is 17 EC.

c. Graduation work consists of

1. A design project, where context and goals are set preferably by an external party.
2. A graduation report, with appendices when necessary, in which the student renders account of the graduation project and the design approach, and describes and documents literature search, surveys and experiments conducted during the project, as well as the prototypes and other deliverables which result from the project.
3. A summary of the graduation report.
4. A public presentation and defence of the graduation work.

d. Students enrolled before September 1, 2013 can start graduation work only at the beginning of a semester, i.e. in September of February. The deadline for their graduation work is at the end of the semester in which it started. This period of time cannot be extended. If the deadline is not met, the examiners will assess the graduation work anyway. This may result in a fail.

e. The Pre Final and the Final modules are taught each semester; the Pre Final module in the first half (blocks 1A and 2A), the Final module in the second half (blocks 1B and 2B). Students cannot take the Pre Final module after the Final module. Students must take the Pre Final and the Final module consecutively in the same semester.

12 The Examination Board may decide that students pass their examination even if some results are insufficient. The rules set by the Examination Board for passing examinations are in the *Rules and Regulations* of the Examination Board.

Comment [E.J.4]: Kan dit inspringen? Alle subsubartikelen maken dat ik af en toe de structuur uit het oog verlies.

Comment [E.J.5]: Hier geen melding van extension?

Comment [E.J.6]: Nummer 11 mist

Table 1a: the first year for students already enrolled before September 1, 2013

	study load in EC	teaching activities[3]	assessment[4]	enablers
We Create Identity	5		Q1	
Smart Environments	4		Q2	ST
Living and Working Tomorrow	5		Q3	
Have Fun and Play!	5		Q4	
Visual Communication	4		Q1	NM
Sketching for CreaTe	3		Q2	
Interactive Visualization	4		Q3&Q4	NM
Designing in Context	3		Q3	
Human Factors	3		Q4	
Introduction to Computer Science	2		Q1	
Programming and Physical Computing	7		Q1&Q2	NM
Introduction to Physical Systems and their Dynamic Behaviour	5		Q3&Q4	ST
Introduction to Mathematics and Modelling	6		Q2&Q3	ST
First year portfolio	4		Q1-Q4	P
Year 1	60			

The abbreviations for enablers must be read as follows

NM (New Media) students must have completed these units before they can participate in the New Media course of the second year (cf. Art 1.12 of this appendix).

ST (Smart Technology) students must have completed these units before they can participate in the Smart Technology course of the second year (cf Art 1.12 of this appendix).

P students must have completed the first year portfolio before they can participate in the second year portfolio.

[3] The column is empty since these units of study are no longer taught, cf Art. 1.1.2a

[4] The column contains quarters where subtests have to be taken to fulfil the assessment requirements, since there will be no more examinations for these units. See the Transitional arrangements appendix.

Table 1b: the first year for students first enrolled on or after September 1, 2013

	study load in EC	teaching activities[5]	Assessment type[6]
We Create Identity *Introductions to priogramming, computer science and engineering; web technology; video workshops; visual communication; storytelling/moviemaking project; Mathematics "sprint" week*	15	ADGILP	ADOPRW
Smart Environments *Introduction to mathematics, programming and physical computing; sketching; project management; implicit interaction and sensing; smart environme ts project*	15	ADGILP	ADOPRW
Living and Working Tomorrow, Ideation and Explorative Design *Mathematics continued; design methodology; animation tools; creative thinking techniques; product development project for a client*	15	ADGILP	ADOPRW
Art, Impact and Technology *Statistics; programming; human factors, and project on art, impact and technology*	15	ADGILP	ADOPRW
Year 1	60		

There are no regulations restricting admission to units of study in this Table 1b.

[5] A (Assignments) Students work on assignments, under supervision of a teacher and/or assistant.
D (Deliverable) a result is being produced, which can be demonstrated and observed; the product is more than mere text for reading.
G (Group) students collaborate in a group.
I (Interaction) questions are raised, discussed and answered, in collaboration between students and teacher.
L (Lectures) an expert speaker addresses the students.
P (Presentations) the students address their fellow students.

[6] 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)
O (Oral) oral examination
P (Public defence) student give a presentation and (publicly) defend the results of an assignment
R (Report) students hand in one or more written texts (reports, essays, papers).
W (Written) students participate in a session for a written exam.

Table 2a: the second year for students already enrolled before September 1, 2013

		study load in EC	teaching activities[7]	assessment[8]	prerequisites
Ambient Screens		5		Q2	45
Hybrid Worlds		5		Q4	45
Creative Explorations in Art, Science and Technology		2		--[9]	45
Animated Narration		3		Q1	45
Innovation and Entrepreneurship for IBA		3		Q3	45
Startrix for CreaTe		5		Q3	45
Programming with Structures		5		Q1[10]	45
Web Services and Data-driven Applications		4		Q4	45
Introduction to Probability and Statistics		3		Q4	45
Research Methodology		2		Q2	45
Systems and Signals		3		Q1	45
either	Strategies and Protocols	3		Q2[11]	45+r
or	Queues and logistics	3			45+r
either	*Smart Technology*	15		Q1-4	45+ST
or	*New Media*	15		Q1-4	45+NM
Second Year Portfolio		2			45+P
Year 2		60			

The two pairs of units preceded by “either…or” are options. Each student has to complete at least one of the units of each pair. (cf this Art 1.1 items 6 and 7)

The units which are printed in italics are specific for a specialization. (cf this Art 1.1 items 6 and 7). Students who opt for Smart Technology take the Smart Technology unit. Students who opt for New Media take the New Media unit. Both units have a study load of 15 credits.

[7] This column is empty since these units are no longer taught, cf. Art. 1.1.2b

[8] The column contains quarters where subtests have to be taken to fulfil the assessment requirements, since there will be no more examinations for these units. See the Transitional arrangements appendix.

[9] This unit is to be completed by individual appointment

[10] There wil be a resit for the original course (contrary to the stipulation of note 8) in the first quarter of 2014-2015

[11] There wil be a resit for the original course (contrary to the stipulation of note 8) in the second quarter of 2014-2015

The prerequisites must be understood as follows (see also Art 1.12 of this appendix)*:*

45 To participate, students must have completed units of the first year with a total study load of at least 45 EC

+r To participate, students have to register, and their registration must be accepted; the courses have a limited capacity for participation

+NM (New Media) To participate, students must have completed the NM enablers of table 1.

+ST (Smart Technology) To participate, students must have completed the ST enablers of table 1a.

+P To participate, students must have completed the first year portfolio.

Table 2b: the second year for students first enrolled on or after September 1, -2013

	study load in EC	teaching activities[12]	Assessment type[13]
either New Media *or* Smart Technology			
systems and signals; introduction to electronics, telecommunication, sensors and control systems; individual research project or *systems and signals, animated narration, sound engineering and game development; individual research project*	15	ADGILP	ADOPRW
Intelligent Interaction *Interaction design; artificial intelligence; statistics; programming; interaction design project*	15	ADGILP	ADOPRW
innovation & Entrepreneurship *Theory of innovation and entrepreneurship; property rights; project on business development/business planning; game theory; ethics and professional rsponsibilities*	15	ADGILP	ADOPRW
Data: from sources to senses *Data driven applications; data visualization; virtual meets reality project; communication protocols, choice between extra smart technology or extra new media*	15	ADGILP	ADOPRW
Year 2	60		

The regulation regarding admission to units of study in this table 2b is in Art. 1.12.1 of this appendix. There is no specific prerequisite requirement regarding the choice between the New Media and the Smart Technology module.

Comment [E.J.7]: Voor een buitenstaander niet duidelijk welke inhoud bij welke specialisatie hoort

Comment [E.J.8]: Boudewijn noemt dit Internet Technology

Comment [E.J.9]: Mag hier wel advies worden opgenomen? ☺ Voldoende cijfers op de Phsyics (EDF-Mod2 en IntroPSandDB-Mod3) and Mathematics (IMM-Mod2&3) components

[12] A (Assignments) Students work on assignments, under supervision of a teacher and/or assistant.
D (Deliverable) a result is being produced, which can be demonstrated and observed; the product is more than mere text for reading.
G (Group) students collaborate in a group.
I (Interaction) questions are raised, discussed and answered, in collaboration between students and teacher.
L (Lectures) an expert speaker addresses the students.
P (Presentations) the students address their fellow students.

[13] 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)
O (Oral) oral examination
P (Public defence) student give a presentation and (publicly) defend the results of an assignment
R (Report) students hand in one or more written texts (reports, essays, papers).
W (Written) students participate in a session for a written exam.

Table 3a: the third year for students already enrolled before September 1, 2013

		study load in EC	teaching activities	assessment	prerequisites
Free space to establish a profile (profileringsruimte)		30			90
Electives, choice from	*Design Against Crime, 6EC* *Remote Care Nearby, 5EC* *Entertainment Education, 5EC* *Communication Technology for Global Work,5EC* *Ethics for CreaTe, 5EC*	15			90
Final Project					150
Year 3					

Comment [E.J.10]: Voor de 1e en 2e jaars vakken worden alternatieven aangeboden als ze niet meer gegeven worden. Hoe zit dat met deze electives? Ik heb nu niet de overgansmatrix voor handen. Worden deze electives nog aangeboden?

The units of table 3a which are printed in italics describe electives and options for the student. See Art 1.1.8 and 1.1.9.

Provisions for the choice of options and electives are further elaborated in Art. 1.12.3.

Students may replace Ethics for Creative Technology by other Ethics courses, if their tutor approves. Students may propose to take other courses as elective than the courses in the list; however, they need explicit permission of the Examination Board to take an elective (non-ethics) course which is not in the list.

The prerequisites must be understood as follows (see also Art 1.12 of this appendix)

90 To participate in these units of study, students must have completed units of their first and second year totalling at least 90 credits.

150 To start the Final Project, students must have completed 150 EC of the entire programme.

Table 3b: the third year for students enrolled on or after September 1, 2013

	study load in EC	teaching activities	Assessment type
First module of minor programme/ courses in the exchange programme	15		
Second module of minor programme/ courses in the exchange programme	15		
Pre Final module *graduation project part 1* *academic writing* *real life confrontation*	15		
Final module *graduation project part 2* *reflection*	15		
Year 2	60		

More information on modules for the minor programme is available at the university's Major-minor website[14]
The range of modules available at the University of Twente for the minor programme covers
HTHT modules; modules for the Crossing Borders, the Education and the Board minor; join-in modules; in-depth modules; premaster (or transfer) modules

But the minor programme can also consist of courses at another (foreign) university, and it can contain practical work (as a trainee or intern in a company) cf Art 1.12 of this appendix.

The Pre-Final module must precede the Final module; the powers of the Examination Board to deviate from these Regulations in individual cases under circumstances of an overriding nature ($$*referentie)* do not extend to this constraint on the order of units.

Comment [E.J.11]: ?

The Pre Final module and the Final module must be taken in the same semester.

[14] http://www.utwente.nl/en/education/electives/minor/

Art 1.2 - CONTENTS OF EXAMINATION SPECIALIZATIONS (B)

There are no specializations a student can choose for graduation.

Art 1.3 - INTENDED LEARNING OUTCOMES (C)

Graduates of this program 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) Controlling the 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, 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. software, algorithms, physical interaction
    b. web technology, web services and data management,
    c. behaviour of physical systems, (especially in the electrical domain)
    d. sensing, implicit interaction
    e. telecommunication.
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 stills 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 (to a limited extent) ;

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 (to a limited extent) ;
    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;
    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 units of study is in the tables of article 1.1 of this appendix. The study load of the entire programme is 180 EC..

Art 1.6 - ADDITIONAL REQUIREMENTS REGARDING BSA (NOTICE OF EXCLUSION) (F)

The programme imposes no additional requirements regarding BSA (the “bindend studieadvies”).

Art 1.7 - STUDY LOAD MASTER’S PROGRAMME (G)

Does not apply.

Art 1.8 - PROVISIONS REGARDING THE NUMBER OF OPPORTUNITIES TO TAKE TESTS AND INTERIM EXAMINATIONS, AND THEIR ORDER (H)

1. There are two opportunities per academic year to sit a written interim examination for units of study in tables 1a, 2a and 3a of Art. 1.
2. For the final assessment of a unit of study in table 1b or 2b, the regulations of Art. 1.11.3 and 1.11.4 of this appendix apply.
3. The provisions regarding the order of tests and exams are contained in the admission conditions of Art 1.12 of this appendix. The same provisions appear in the tables of Art 1.1 of this appendix.

Art 1.9 - THE FULL- /PART-TIME STATUS (I)

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

Art 1.10 - TEST AND EXAMINATION PERIODS (J)

1. Periods for tests and exams are in the rosters.
2. There is no specific period to take the bachelor's examination.

Art 1.11 - TYPE AND ORGANIZATION OF TESTS AND ASSESSMENT (L)

1. The way test and assessment are organized can be found in the tables 1a, 1b, 2a, 2b, and 3a of Art 1.1 of this appendix. 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) student give a presentation and (publicly) defend the results of an assignment

   W (Written) students participate in a session for a written exam.

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

2. For units in tables 1b and 2b (Article 1.1 of this appendix) the examiners will set and publish (available at the start of the unit)
   a. an overview of the various tests involved, and the nature of each individual test in terms of Article 1.11.1
   b. a required minimum score for each test, in order to achieve a result for the entire module.
   c. the weight that each test will have in determining the final grade for the entire module.
3. Authority of the Examiner and the Examination Board regarding supplementary assessment (applicable only to units of Article 1.1 tables 1b and 2b, and to the Pre Final and Final module of table 3b)

   The examiner of each unit can offer participants a *supplementary assessment* for the unit.

   Admission to supplementary assessment can be granted only to students who failed the unit, 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.

   The Examination Board gives directions to the examiner regarding the admission of students to supplementary assessment.
4. Supplementary assessment (applicable only to units of Article 1 tables 1b,2b, and to the Pre Final and Final module of table 3b)

   Supplementary assessment for a unit is conducted within a 10 weeks period after the moment the result of the unit is set. This does not entail that candidates are entitled to have a 10 weeks period between the original result and the supplementary assessment.

Comment [E.J.12]: en 3b?

Comment [E.J.13]: 3b (wat betreft de electives dan)?

Comment [E.J.14]: De extensie van maximaal 6 weken van het afstuderen van de preTOM studenten valt nu buiten de boot in deze OER?

For candidates who are admitted to the supplementary assessment, the result of the unit is suspended, until the result of the supplementary assessment is available (i.e. the suspension lasts at most 10 weeks)

If the result of the supplementary assessment is positive, the candidate is awarded by a grade 6 for the entire unit. In the grading of the Final module the examiner may decide to deviate from this rule.

If the result of supplementary assessment is negative, the result of the unit is the original result, that has been suspended until the supplementary assessment.

Comment [E.J.15]: Gaat dit dan ook op voor het afstudeerwerk?

Comment [E.J.16]: Waarom staat deze regel hier dan?

Art 1.12 - CONDITIONS OF ADMISSION TO UNITS OF STUDY (S)

Specific conditions of admission to (i.e. prerequisites for) units of study are in the tables of Article 1.1 of this appendix, where the units of study are listed. For units of the second year these requirements partly coincide with the conditions for a notice of admission.

1. To participate in one of the modules of Table 2b in Art. 1.1 of this appendix, a student must have completed the corresponding module of Table 1b in Art. 1.1 of this appendix. (Corresponding means: taught in the same quarter). The module examiner of the Table 2b module may grant exemption of this rule.
2. (Applies only to students who were already enrolled before September 1, 2013.) To participate in the units of study of the second year of table 2a the following conditions must be met:
   a. There is a registration as either New Media or Smart Technology student
   b. Study units of the first year with a total study load of at least 45 credits have been completed.
   c(Math) To take either Queues and Logistics or Strategies and Protocols, the student's registration for the course of his/her choice must have been accepted. There is a registration procedure for students to apply for participation, the number of participants for each course is limited.
   d(ST). To take Smart Technology as a specialization in the second year, the enabling units of the first year must have been completed. The enabling units for ST are (see also table 1a)
   Smart Environments
   Introduction to Physical Systems and their Dynamic Behaviour
   Introduction to Mathematics and Modelling
   d(NM). To take New Media units as a specialization in the second year, the enabling units of the first year must have been completed. The enabling units for NM are (see also table 1a)
   Visual Communication
   Interactive Visualization
   Programming and Physical Computing
3. (Applies only to students who were already enrolled before September 1, 2013.) To participate in units of the third year, 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 credits.

Comment [E.J.17]: Dit artikel later zetten? Eerst alle gevallen van voor 1 september 2013 en dan de TOM generaties? Nu gaat het door elkaar. Aan de andere kant wil je jaar voor jaar bekijken...
Wel prettig als er consistentie is. Hierboven begin je altijd eerste met de preTOM situatie en dan de TOM situatie.

b. (*profileringsruimte*) The second year tutor has given permission (on behalf of the Examination Board) for the courses in the *profileringsruimte*; the tutor has the authority to refuse permission even if a proposed choice of courses meets the requirements b1, b2 and b3.

b1. (*profileringsruimte*) The units of study in the *profileringsruimte* are courses offered by an institution or programme which has an accreditation proving its university level, or comparable. The Examination Board may rule otherwise in individual cases.

b2. (*profileringsruimte*) The units of study of an introductory nature among the courses in the *profileringsruimte* have a total study load of at most 20 EC; the amount of practical work in the *profileringsruimte* does not exceed a study load of 15 EC.

b3. (*profileringsruimte*) The units of study devoted to foreign culture and language among the courses in the *profileringsruimte* have a total study load of at most 10 EC

c (*electives*) The second year tutor has given permission (on behalf of the Examination Board) for the choice of electives; the tutor has the authority to refuse permission even if a proposed choice of courses meets the requirements c1, c2, c3 and c4.

c1 (*electives*) At least one unit among the electives deals with ethics and professional standards.

c2 (*electives*) other units among the electives deal with research into human-product relationships, from the perspective of behavioural and/or management sciences, except for students who opt for an effort as described under c3 or c4.

c3 (*electives*) one unit among the electives, with a study load of 5 EC maximum, can be an assistantship in a final project of a fellow student. It must be clear that the student doing the final project defines the work of the assistant, and acts as his or her manager. An examiner appointed by Examination Board is responsible for the assessment of the assistant's work.
This option cannot be combined with the option under c4.

c4 (*electives*) one unit among the electives, with a study load of 5 EC maximum, can be devoted to academic writing. (*201300223 Academic Writing for CreaTe*) This option cannot be combined with the option under c3.

c5 (*electives*) one unit among the electives can be devoted to study tour preparation. (*201300292 Study Trip Theme Course*) This option is available only for participants in a study tour, and cannot be combined with option under c3.

4. The Examination Board sets rules for the assistantships under 1.12. item 3.c3.
5. (Applies only to students who were first enrolled on or after September 1, 2013.) 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 credits (i.e. 6 modules).
    b. (*Minor programme*) The second year tutor has signed for agreement (on behalf of the Examination Board) with the contents of the *minor*

programme; the tutor has the authority not to agree even if a proposed choice of courses meets the requirements b1, b2 and b3.

b1. (*Minor programme partly outside the UT*) The units of study in the *minor programme* are courses offered by an institution or programme which has an accreditation proving its university level[15], or comparable. The Examination Board may rule otherwise in individual cases.

b2. (*Minor programme partly outside the UT*) The units of study of an introductory nature among the courses in the *minor programme* have a total study load of at most 20 EC; the amount of practical work in the *minor programme* does not exceed a study load of 15 EC.

b3. (*Minor programme partly outside UT*) The units of study devoted to foreign culture and language among the courses in the *minor programme* have a total study load of at most 10 EC.

6. (Applies only to students who were already enrolled before September 1, 2013.) To start their Final Project, students must have completed units totalling 150EC of the programme. For students who were first enrolled in September 2013 or later, the requirement is that they must have completed 9 modules.
7. (Applies only to students who were first enrolled on or after September 1, 2013.)
   a. To start their Final module, students must have completed their Pre Final module in the previous block
   b. To start their Pre Final module, students must have completed all units (modules) of tables 1b and 2b.

Comment [E.J.18]: Nieuw artikel? Hiervoor scheid je de preTOM en TOM situaties ook op artikelniveau.

Art 1.13 - MANDATORY PARTICIPATION IN PRACTICAL WORK AND/OR PRACTICAL EXERCISES TO BE ADMITTED TO THE EXAMINATION (T)

1. The tables in Art 1.1 of this appendix show for which units of study 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 Art 1.12 of this appendix.

[15] 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 you need to ask permission of the Examination Board.

PARAGRAPH 2
OTHER PROGRAMME SPECIFIC CHARACTERISTICS

Art 1.14 - LANGUAGE

1. The language of the programme is English. This applies 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 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 1.15 - STUDENT COUNSELLING

1. By Art. 6.2.2 of the teaching and examination regulations, each student has a student 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.
3. The student adviser for Creative Technology has a task in mentoring, i.e. personal guidance oriented to personal problems and personal growth.

Art 1.16 - TUTORING

1. Every student of Creative Technology has a tutor. Tutors are university staff members who take care of academic guidance and professional growth of their tutees (a tutee is a student who is guided by the tutor).
2. The Examination Board delegates advice and approval for choices of courses in the *profileringsruimte*, and choices of electives to the tutors.

Comment [E.J.19]: en vanaf aanstaand jaar de minor ruimte?

Comment [E.J.20]: voor de TOM generatie: keuze elementen in hun preFInal module?

Art 1.17 - REGULATIONS REGARDING REGISTERING FOR TESTS AND EXAMS

Regulations regarding the registration as a participant before taking a test or exam can be found at the Creative Technology web site.

Art 1.18 - 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 Human Media Interaction Programme of the University of Twente.
2. Admission to other Master's programmes may depend on study units in the student's "profileringsruimte". The Admissions Board of the Master's programme defines the requirements an applicant must meet to be eligible for admission.

Comment [E.J.21]: TOM generatie: minor space?

Art 1.19 - 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 mark 6 when a (weighted) average of test results is determined.
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.
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.
4. If more than one mark is registered (for different attempts at the same test or exam), the highest mark counts.

Comment [E.J.22]: Heeft de UT hier een officiele regel voor. Ik houd nog steeds het UCO besluit aan dat je me ooit stuurde. Vrijstelling telt als cijfer 7 en heeft weging 0 binnen een module. http://www.utwente.nl/uco/archief/2013/mei/20130507%20UCO%20Bijl%205b%20Bijlage%20bij%20CvB-20130513%20Beslispunten%20t%20b%20v%20%20inrichting%20Osiris.pdf

Art 1.20 - REGULATIONS REGARDING BSA (NOTICE OF EXCLUSION)

1. Creative Technology uses the BSA module of the student information system.
2. Recommendations regarding the continuation of studies are based on results that are registered for units of study (i.e. not on the results of (sub)tests).
3. The Creative Technology programme imposes no additional requirements for a positive recommendation except the requirement that 45EC must have been completed, in accordance with Art. 6.3.7. of the Teaching and Examination Regulations
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.

Spikker - Sieverink, B. (CES)

From: Faber, E.J. (EWI)
Sent: dinsdag 12 mei 2015 16:58
To: Salm, C. (EWI); Passel, P. van (CTW); Lammers, F.G. (Frank, Student B-CREA); Haan, S. de (Sophie, Student B-CREA)
Cc: Spikker - Sieverink, B. (CES); Hoeven, G.F. van der (EWI)
Subject: OER CreaTe
Attachments: OER Bachelor 2015 - Creative Technology Programme Appendix(2)_CommErik.docx

Dag allen,

Om maar meteen een aftrap te nemen inzake de OER CreaTe… Hierbij mijn commentaar op de meest recente versie. Ik weet niet wat de handigste manier is om hier met zijn allen aan te werken. Als (tijdelijke) oplossing heb ik ervoor gekozen om in de OLC map op de P-schijf een directory aan te maken OER CreaTe voor 2015-2016 waarin dit bestand staat. Ik stel voor om daar aan dit bestand (niet tegelijkertijd ☺) te werken en dat je de bestandsnaam uitbreidt met jouw naam na je commentaar erin gezet te hebben. Het bestand met de langste naam is dan de meest recente ☺.

Groeten,
Erik

From: Spikker - Sieverink, B. (CES)
Sent: dinsdag 12 mei 2015 15:55
To: Salm, C. (EWI); Poel, M. (EWI); Passel, P. van (CTW); Akker, H.J.A. op den (EWI); Kolkmeier, J. (Jan, Student M-HMI); Lammers, F.G. (Frank, Student B-CREA); Nibbelke, V. (Vincent, Student M-HMI); Haan, S. de (Sophie, Student B-CREA); Hoeven, G.F. van der (EWI); Faber, E.J. (EWI)
Subject: olc
Importance: High

Beste leden

Vandaag was de opkomst bij de OLC erg laag door verschillende omstandigheden. Daarom zijn de OER HMI en Create niet besproken alsmede Evaluatie module 6 niet. Voor 4 juni moet er een advies zijn vanuit de OLC voor de OER maar voor zover ik heb begrepen is er nog geen actie ondernemen mbt de subcommissies om de OER te bespreken. Ik zou jullie derhalve dan ook willen verzoeken **met spoed** een afspraak te maken om de OER's te bespreken. Ik zal eind mei een extra OLC gaan inplannen (doodle volgt) om de OER's te bespreken. Wellicht dan de OLC van begin juni kan komen te vervallen omdat dat zo snel erna volgt maar daar moeten Gerrit en Mannes even naar kijken.

Doodle volgt dus en Graag met elkaar om tafel omtrent de OER.

OER HMI	Mannes, Rieks, Vincent en Jan
OER CreaTe	Cora, Pepijn, Erik, Sophie, Frank

Met vriendelijke groet,

Barbara Spikker-Sieverink
Medewerker CES/BOZ-EWI Universiteit Twente
T: 053-4894604
F: 053-4894888

E: b.sieverink@utwente.nl
Kamer: Citadel H429

- werkdagen: dinsdag, woensdag, donder- en vrijdagochtend

Spikker - Sieverink, B. (CES)

From: Salm, C. (EWI)
Sent: zaterdag 16 mei 2015 13:46
To: Hoeven, G.F. van der (EWI); Poel, M. (EWI); Spikker - Sieverink, B. (CES); Passel, P. van (CTW); Akker, H.J.A. op den (EWI); Kolkmeier, J. (Jan, Student M-HMI); Lammers, F.G. (Frank, Student B-CREA); Nibbelke, V. (Vincent, Student M-HMI); Haan, S. de (Sophie, Student B-CREA); Faber, E.J. (EWI)
Subject: OER CREATE

Aangezien de doodle voor mij maar erg weinig geschikte momenten opleverde, bij deze mij commentaar op de OER CREATE

P7: typefout: *Introductions to programming* (moet programming zijn)
smart environme ts (moet environments zijn)

Algemeen: (pag 16) als we zeggen dat de eventuele extra kans binnen 10 weken moet zijn na afloop van de module dan sluiten we de deur voor een eventuele holistische blik om in de zomer vakantie nog iets te repareren. Ik vind dat prima, maar dan ook niet en nooit doen (tenzij er echt heel erge persoonlijke omstandigheden zijn).

Afstuderen: voor het begin van het afstudeer project moeten 9 modules zijn afgerond. Voor het begin van de minor 6. Als het om studievertragingstechnische redenen is kun je beter voor 8 modules kiezen. Als gewoon alles af moet zijn voor je mag afstuderen 10. Ik kan me niet herinneren dat de OLC al eens een mening heeft gevormd over die 9 modules. Als ik het mis heb of het stond er vorig jaar ook al in (kan ik zo snel niet terug vinden) dan laat maar staan.

Language: er staat wel in dat de staf een bepaald engels nivo moet hebben, niet dan dat ook geld voor de studenten. (Bij EE staan de toelatingseisen er expliciet bij, nadeel is wel dat als er iets veranderd dat je dan ook de OER weer op dit punt moet aanbieden)

Verder heeft Erik een paar goede opmerkingen , maar die zijn wellicht al verwerkt

Goed weekend
Cora

From: Hoeven, G.F. van der (EWI)
Sent: Thursday, May 14, 2015 10:04 PM
To: Poel, M. (EWI); Spikker - Sieverink, B. (CES); Salm, C. (EWI); Passel, P. van (CTW); Akker, H.J.A. op den (EWI); Kolkmeier, J. (Jan, Student M-HMI); Lammers, F.G. (Frank, Student B-CREA); Nibbelke, V. (Vincent, Student M-HMI); Haan, S. de (Sophie, Student B-CREA); Faber, E.J. (EWI)
Subject: RE: olc

Het probleem van de OERs is in mijn ogen het volgende

Bij mijn weten zijn er twee subcommissies ingesteld, die met mij naar de OER zouden kijken.

Ik heb aan de subcommissie voor HMI een concept toegestuurd met een lange reeks vragen (op 19 april)
Ik heb aan de subcommissie voor CreaTe een concept toegestuurd met een meer algemeen verzoek om commentaar. (op 23 april)

Op dat laatste concept (CreaTe) heb ik 1 reactie mogen ontvangen. Van Erik.

Op het eerste concept is geen enkele reactie gekomen.

De opvatting van de voorzitter dat ik geen werkbare stukken heb aangeleverd, leg ik naast mij neer.
Er is meer dan voldoende gelegenheid geweest voor de subcommissies om zich over mijn voorstellen en vragen te buigen.
Dat had heel goed tot werkbare stukken kunnen leiden.
En eigenlijk beschouw ik het concept voor de OER CreaTe, zelfs bij het ontbreken van commentaar van de subcommissie, als een goed concept. Een discussie over de OER CreaTe aan de hand van alleen het commentaar van Erik was zinvol geweest. Erik's commentaar is doordacht en steekhoudend (en ik was het niet overal mee eens, maar dat is van ondergeschikt belang)

Ik vraag vergiffenis voor het feit dat ik in de veronderstelling verkeerde dat Mannes alleen in de subcommissie voor HMI zat, en niet ook in die voor CreaTe.

Groet
Gerrit

PS het is maar goed dat mijn oude vader dit niet meer hoeft mee te maken.

From: Poel, M. (EWI)
Sent: woensdag 13 mei 2015 8:28
To: Spikker - Sieverink, B. (CES); Salm, C. (EWI); Passel, P. van (CTW); Akker, H.J.A. op den (EWI); Kolkmeier, J. (Jan, Student M-HMI); Lammers, F.G. (Frank, Student B-CREA); Nibbelke, V. (Vincent, Student M-HMI); Haan, S. de (Sophie, Student B-CREA); Hoeven, G.F. van der (EWI); Faber, E.J. (EWI)
Subject: RE: olc

Beste leden van de OLC,

Het probleem met de OER's is dat er nog geen semi-definitieve versie ligt die we kunnen bespreken. De laatste email van Gerrit wat betreft de OER HMI en Create bevat alleen werkdocumenten die in mijn opinie nog niet volledig genoeg zijn om te bespreken in de OLC..
Gezien het overlijden van de vader van Gerrit heb ik ook geen idee wanneer we een meer volledige OER kunnen verwachten.

Mvg.

Mannes
++++++++++++++++++++++++++++++
Mannes Poel
Dept. of Computer Science
Human Media Interaction group
University of Twente
P.O. Box 217
7500 AE Enschede
The Netherlands
email: m.poel@utwente.nl
skype: mannes.poel
tel: +31-(0)53-4893920

From: Spikker - Sieverink, B. (CES)
Sent: dinsdag 12 mei 2015 15:55
To: Salm, C. (EWI); Poel, M. (EWI); Passel, P. van (CTW); Akker, H.J.A. op den (EWI); Kolkmeier, J. (Jan, Student M-HMI); Lammers, F.G. (Frank, Student B-CREA); Nibbelke, V. (Vincent, Student M-HMI); Haan, S. de (Sophie, Student B-CREA); Hoeven, G.F. van der (EWI); Faber, E.J. (EWI)

Subject: olc
Importance: High

Beste leden

Vandaag was de opkomst bij de OLC erg laag door verschillende omstandigheden. Daarom zijn de OER HMI en Create niet besproken alsmede Evaluatie module 6 niet. Voor 4 juni moet er een advies zijn vanuit de OLC voor de OER maar voor zover ik heb begrepen is er nog geen actie ondernemen mbt de subcommissies om de OER te bespreken. Ik zou jullie derhalve dan ook willen verzoeken **met spoed** een afspraak te maken om de OER's te bespreken. Ik zal eind mei een extra OLC gaan inplannen (doodle volgt) om de OER's te bespreken. Wellicht dan de OLC van begin juni kan komen te vervallen omdat dat zo snel erna volgt maar daar moeten Gerrit en Mannes even naar kijken.

Doodle volgt dus en Graag met elkaar om tafel omtrent de OER.

OER HMI	Mannes, Rieks, Vincent en Jan
OER CreaTe	Cora, Pepijn, Erik, Sophie, Frank

Met vriendelijke groet,

Barbara Spikker-Sieverink
Medewerker CES/BOZ-EWI Universiteit Twente
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Kamer: Citadel H429

- werkdagen: dinsdag, woensdag, donder- en vrijdagochtend