

Part (B) of the examination regulations for the Master's Study Course in Technical Management from April 15, 2016.

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### **Exceptional part (B) of the examination regulations for the Master's Study Course in Technical Management at the University of Applied Sciences Emden/ Leer**

This is an unofficial translation, legal rights fall to the German version of the examination regulations (Part B) for the further education Master's Study Program Technical Management.

This English version acts as a supporting copy of Part (B) of the examination regulations of the Master's Study Course in Technical Management. With reference to § 1 section 2 of the General Part for all Master's study courses of the University of Applied Sciences in Emden/ Leer (Part A MPO) from March 10, 2015 (Gazette of the University of Applied Sciences No.28/2015, published March 18, 2015, the faculty council of the division Technology agreed on the following examination regulations, approved by the executive committee on August 31, 2016:

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### **§ 1 Area of application**

The "exceptional part of the examination regulations" (Part B) is connected to Part A of the Master's Study Program in Technical Management of the division Technology at the University of Applied Sciences Emden/ Leer.

### **§ 2 University degree**

After having successfully passed the master assessment, the university grants the degree of 'Master of Engineering' (MEng). The university issues a Certificate (attachment 4a), a document (attachment 5a) and a Diploma Supplement (attachment 6a or b). A translation of the document into the English language (attachment 3b) and the Certificate (attachment 2b) can be requested by the student. The Diploma Supplement is also available in German (attachment 4a).

### **§ 3 Study profile and admission requirements**

- (1) The Master's Study Program in Technical Management is an extension study course, which requires postgraduate work experience. The study course is highly application oriented.
- (2) Admission is given to students fulfilling the prerequisites for admission to the examination and verifies this according to the valid admission regulations of the study program.

### **§ 4 Prescribed period of study and division of studies**

- (1) The prescribed period of study for the Master's Study Course Technical Management includes three semesters, including the master's thesis and colloquium.
- (2) The degree has a modular structure, comprising mandatory and compulsory modules.
  - (2.1) The number of credits for the mandatory modules equals 30 ECTS.
  - (2.2) The number of credits for the compulsory modules equals 30 ECTS.
  - (2.3) The number of credits for the master thesis and colloquium is 30 ECTS.
  - (2.4) The workload for one credit point is 30 hours.
- (3) Generally, the order of modules is arbitrary; for specific courses the requirements in the module handbook are applicable.
- (4) Students with fewer than 210 ECTS earned in their previous studies must acquire additional credit points during the modules and courses of the division Technology according to the requirements of admission regulations (supplement studies).

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### **§ 5 Profile and language of the study program**

- (1) English is the mandatory language of all modules and courses.
- (2) The module handbook lists the type and profile of the courses. When a specific course lists different course types, students need to be informed about the definitive profile of the course. This will be announced by the second course lesson of the semester. The decision applies to all participants. A study course must have a minimum participation percentage of 50%.

### **§ 6 Examinations**

- (1) Attachment 1 provides an insight into the structure, modules and courses of the study program as well as the preferred type and profile of the examinations. The first examiner decides on the most applicable type for each examination and the applicable combination of examination styles. This decision will be announced at the beginning of the semester.
- (2) The content of the examination aligns with the content of the corresponding modules, which is explained in the module handbook. The module handbook is agreed on by the board of examiners and has been published campus wide.
- (3) Requirements, which were reached according to § 4 section 4 (supplement studies) are not being considered for the final score, but will be separately displayed by a certification according to attachment 5.
- (4) Study results are graded "passed" or "failed". These are not considered for the module score or the final score.

### **§ 7 Mandatory and elective modules**

- (1) The study program comprises mandatory and compulsory modules in its curriculum, which enable an interdisciplinary study course in the fields of key qualifications, non-technological areas, economics and technology. These can be chosen from a list.
- (2) The list according to section 2 is determined by the examination board in consideration of important developments in society, science and technology. The list is updated every semester. A correlated entry will be considered and published in the module handbook.
- (3) The examination board allows additional mandatory modules upon application. A correlated entry will be considered and published in the module handbook.
- (4) The study program includes mandatory participation in a mentoring program. Details are published at the beginning of every semester.
- (5) Not all obligatory modules, as stated in appendix 1, are offered every semester. This choice depends on the decision by the appropriate department of an actual offer for the respective semester. The actual offering is published at the beginning of each semester and will be announced open to all students and employees of the university. The compulsory modules are offered if at least three students decide to participate in the module.

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### **§ 8 Admission to master's thesis**

- (1) Students file an application in written form with the examination board for admission to complete the master thesis, in Part (B) of the examination regulation for the master study course Technical Management as of 15.04.2016
- (2) Admission for the master's thesis is granted for students who have successfully passed the module with 60 credit points and attended the mentoring program.
- (3) The modules of the supplement studies referring to § 4 section 4 must be passed according to the admission for the master's thesis.
- (4) Admission is granted upon application via the examination board, if the maximum examination and study performance have failed. The examinations of the non-secluded modules are required to be generated within one semester without interference.

### **§ 9 Master thesis with colloquium**

- (1) The process time for the master's thesis amounts to 5 months and may be prolonged to a maximum of one month.
- (2) The master's thesis must be delivered in written form to the dean, or at a mutual acceptable point. It has to consist of three hardback copies and in digital form according to the format given by the first examiner. The module "Master Thesis & Colloquium" ends with a colloquium.

### **§ 10 Emphasis on module and certificate**

- (1) All grades from the examination results according to the primal second semesters are taken into account with factor 1, 0 in the total score.
- (2) The grade of the master's thesis is weighted by a factor of 1,5 in the total score.
- (3) Auxiliary services are certified upon request.

### **§ 11 Legal validity**

- (1) This regulation takes effect one day after the approval of the executive committee corresponding to the announcement of the institutional gazette for students attending the winter semester 2016/2017 at the University of Applied Sciences Emden/Leer.
- (2) Students accepted before the winter semester 2016/17 will be examined on 28.02.2018 according to the previously existing regulations. Subsequently, this regulation will apply. These students can be examined on request according to the examination regulations by the agreement of the examination board.
- (3) Study courses according to the previously existing examination regulation will be offered in the winter semester 2016/17. Module examinations according to the previously existing examination regulation will be offered in the winter semester 2017/18.

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## Attachment 1 Overview of modules

General acronyms:

CP	Credit Points
SWS	Semester periods per week

Appropriate acronyms regarding the examination profile:

PL	Examination achievements
SL	Study achievements

Appropriate acronyms regarding the examination type:

H	Homework or rather project work
K#	Conclave with a duration of # hours
M	Oral exam
R	Seminar Paper
WP	Type of examination according to the mandatory module

Appropriate acronyms regarding the study course type:

MA	Master thesis including colloquium
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## Anlage 1 Overview of modules

Module	Study course	Profile	Type	Credit points	SWS	Advised for the following semester
<b>Technical mandatory module</b>						
<b>Computer Sciences</b>	Computer Sciences	PL	H	5	4	1/2
<b>Introductory Futures Studies for Engineers</b>	Introductory Futures Studies for Engineers	PL	K2	5	4	1/2
<b>Technical elective module</b>						
<b>Advanced Materials</b>	Advanced Materials	PL	K2	5	4	1/2
<b>Computer Aided Geometric Design</b>	Computer Aided Geometric Design	PL	R	5	4	1/2
<b>Data Security</b>	Basics of Information Security	PL	K2	5	4	1/2
<b>Energy Engineering</b>	Energy Engineering	PL	K2	5	4	1/2
<b>Intelligent Automation</b>	Intelligent Automation	PL	M	5	4	1/2
<b>Production Systems</b>	Production Systems	PL	K2	5	4	1/2
<b>Current Topic T</b>	N.N.	PL	K2	5	4	1/2
<b>Project</b>	Project	PL	H	5	1	2
<b>Mandatory module in the fields of key qualifications</b>						
<b>Applied Statistics</b>	Applied Statistics	PL	K2	5	4	1/2
<b>Communication + Culture</b>	Communication + Culture	PL	M	5	4	1/2
<b>Elective modules in the fields of key qualifications</b>						
<b>Applied Project Management</b>	Applied Project Management	PL	K2	5	4	1/2
<b>Innovation Management</b>	Innovation Management	PL	K2	5	4	1/2
<b>Leadership &amp; Negotiation</b>	Leadership & Negotiation	PL	M	5	4	1/2
<b>Quality Management</b>	Quality Management	PL	K2	5	4	1/2
<b>Mandatory modules economic sciences</b>						
<b>Business Administration</b>	Business Management	PL	K2	5	2	1/2
	Business Simulation Game	PL	M	5	2	1/2
<b>Marketing</b>	Marketing	PL	K	5	4	1/2
<b>Elective modules economic sciences</b>						
<b>Controlling</b>	Controlling	PL	K2	5	4	1/2
<b>ERP-Advanced</b>	ERP-Advanced	PL	K2	5	4	1/2
<b>International Commercial Law</b>	International Commercial Law	PL	K2	5	4	1/2
<b>Strategic Management</b>	Strategic Management	PL	K2	5	4	1/2
<b>Current Topic B</b>	N.N.	PL	K2	5	4	1/2
<b>Project</b>	Project	PL	H	5	1	2
<b>Mastermodul</b>						
<b>Master Thesis with colloquium</b>	Master Thesis		MA	28		3
	Introduction to Scientific Working	SL	H	2	2	1
<b>Total credit points and Summe Kreditpunkte and semester periods per week</b>				<b>90</b>	<b>36</b>	



## Anlage 2 Masterzeugnis

### Anlage 2a Masterzeugnis in deutscher Sprache

**Hochschule Emden/Leer**  
**Fachbereich Technik**

#### Zeugnis über die Masterprüfung (Master of Engineering)

**Frau / Herr**<sup>1</sup> .....  
geboren am ..... in.....

hat 90 Kreditpunkte (ECTS) erworben und damit die Masterprüfung im Studiengang

**Technical Management** mit der Gesamtnote ..... (n,nn)<sup>2</sup> bestanden / mit Auszeichnung bestanden<sup>3</sup>.

In den einzelnen Modulen wurden folgende Beurteilungen erzielt:

I. Pflichtmodule	Beurteilung <sup>2</sup>	Kreditpunkte <sup>4</sup>
.....		5
.....		
II. Wahlpflichtmodule		
.....		5
.....		
III. Die Masterarbeit mit Kolloquium über das Thema		30
.....		

Emden, den .....  
(Datum)

.....  
(Vorsitz der Prüfungskommission)

(Siegel der Hochschule)

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<sup>1</sup> Nicht Zutreffendes streichen

<sup>2</sup> Notenstufen: sehr gut, gut, befriedigend, ausreichend; bei der Gesamtnote wird die Note zusätzlich als Zahl mit zwei Nachkommastellen ausgewiesen.

<sup>3</sup> Nicht Zutreffendes streichen

<sup>4</sup> Anzahl der erworbenen Kreditpunkte eintragen

<sup>5</sup> Anerkannte außerhochschulische Leistung

## Anlage 2b Masterzeugnis in englischer Sprache

Translation

**Hochschule Emden/Leer**  
**University of Applied Sciences**  
**Faculty of Technology**

### Final Examination Certificate (Master of Engineering)

Mrs. / Mr. <sup>6</sup>.....  
born on ..... in .....

has acquired a total of 90 credits (ECTS) and passed the final examination in the course of studies of **Technical Management** with the aggregate grade.....(n,nn)<sup>7</sup> / with honours<sup>8</sup>.

In the individual subjects the following grades were achieved:

I. Mandatory Modules	Grade <sup>6</sup>	Credits
..... <sup>9</sup>		
.....		
II. Elective Modules		
..... <sup>9</sup>		
.....		
III. Masterthesis and colloquium on the topic		30
.....		

Emden, .....  
(Date)

(Seal of University)

.....  
(Signature of Administration)

<sup>6</sup> Delete as appropriate

<sup>7</sup> Gradation: very good, good, satisfactory, sufficient; the aggregate grade is rounded to two decimal places.

<sup>8</sup> Delete as appropriate

<sup>9</sup> Recognition of an extracurricular achievement

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### Anlage 3 Masterurkunde

#### Anlage 3a Masterurkunde in deutscher Sprache

Hochschule Emden/Leer  
Fachbereich Technik

### Masterurkunde

Die Hochschule Emden/Leer, Fachbereich Technik,  
verleiht mit dieser Urkunde

**Frau / Herr** <sup>10</sup> .....  
geboren am ..... in .....

den Hochschulgrad

**Master of Engineering**

(abgekürzt: MEng),

nachdem sie / er<sup>10</sup> die Masterprüfung im Studiengang

**Technical Management**

am ..... bestanden und insgesamt 90 Kreditpunkte (ECTS) erworben hat.

(Siegel der Hochschule)

Emden, den .....

(Datum)

.....

.....

(Dekanin / Dekan)<sup>10</sup>

(Vorsitz der Prüfungskommission)

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<sup>10</sup> Nicht Zutreffendes streichen

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### Anlage 3b Masterurkunde in englischer Sprache

**Hochschule Emden /Leer**  
**University of Applied Sciences**  
**Faculty of Technology**

#### **Master Certificate**

With this certificate the Hochschule Emden/Leer, University of Applied Sciences,  
Faculty of Technology, confers upon

**Mrs. / Mr.**<sup>11</sup> .....  
born on ..... in .....

the academic degree of

**Master of Engineering**  
(abbreviated: MEng)

as she / he <sup>11</sup> passed the final examination in the course of studies of

**Technical Management**

on ..... and acquired a total of 90 credits (ECTS).

(Seal of University)

Emden, .....

(Date)

.....

(Signature of Administration)

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<sup>11</sup> Delete as appropriate

## Anlage 4

### Anlage 4a Diploma Supplement in deutscher Sprache

Diese Diploma Supplement-Vorlage wurde von der Europäischen Kommission, dem Europarat und UNESCO/CEPES entwickelt. Das Diploma Supplement soll hinreichende Daten zur Verfügung stellen, die die internationale Transparenz und angemessene akademische und berufliche Anerkennung von Qualifikationen (Urkunden, Zeugnisse, Abschlüsse, Zertifikate, etc.) verbessern. Das Diploma Supplement beschreibt Eigenschaften, Stufe, Zusammenhang, Inhalte sowie Art des Abschlusses des Studiums, das von der in der Originalurkunde bezeichneten Person erfolgreich abgeschlossen wurde. Die Originalurkunde muss diesem Diploma Supplement beigelegt werden. Das Diploma Supplement sollte frei sein von jeglichen Werturteilen, Äquivalenzaussagen oder Empfehlungen zur Anerkennung. Es sollte Angaben in allen acht Abschnitten enthalten. Wenn keine Angaben gemacht werden, sollte dies durch eine Begründung erläutert werden.

#### 1. ANGABEN ZUM INHABER/ZUR INHABERIN DER QUALIFIKATION

##### 1.1 Familienname / 1.2 Vorname

.....

##### 1.3 Geburtsdatum, Geburtsort, Geburtsland

.....

##### 1.4 Matrikelnummer oder Code des/der Studierenden

.....

#### 2. ANGABEN ZUR QUALIFIKATION

##### 2.1 Name des Studiengangs

Technical Management

##### Bezeichnung der Qualifikation (ausgeschrieben, abgekürzt)

Master of Engineering (MEng)

##### 2.2 Hauptstudienfach für die Qualifikation

Technical Management

##### 2.3 Name der Einrichtung, die die Qualifikation verliehen hat

Hochschule Emden/Leer

Fachbereich Technik

##### Status (Typ / Trägerschaft)

Hochschule / staatliche Hochschule

##### 2.4 Name der Einrichtung, die den Studiengang durchgeführt hat

wie 2.3

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### **Status (Typ / Trägerschaft)**

wie 2.3

### **2.5 Im Unterricht / in der Prüfung verwendete Sprache(n)**

Englisch / Englisch

## **3. ANGABEN ZUR EBENE DER QUALIFIKATION**

### **3.1 Ebene der Qualifikation**

Aufbaustudiengang / zweiter berufsqualifizierender Abschluss: Master

### **3.2 Dauer des Studiums (Regelstudienzeit)**

3 Semester

### **3.3 Zugangsvoraussetzung(en)**

Detaillierte Informationen enthält die Zugangs- und Zulassungsordnung.

## **4. ANGABEN ZUM INHALT UND ZU DEN ERZIELTEN ERGEBNISSEN**

### **4.1 Studienform**

Vollzeitstudium

### **4.2 Anforderungen des Studiengangs/Qualifikationsprofil des Absolventen/der Absolventin**

Dieser Masterstudiengang ist ein anwendungsorientierter Studiengang, der profunde Kenntnisse des Managements und der Durchführung von Projekten im Bereich der Ingenieurwissenschaften und der Wirtschaft vermittelt. Es werden berufliche Qualifikationen aus den zentralen Feldern des Managements vermittelt. Die Studierenden lernen mit Hilfe wissensbasierter Methoden, wie anwendungsorientierte Konzepte zur Lösung von Problemen in den genannten Bereichen entwickelt und deren Implementierungen geplant werden. In den Kursen wird zur Vermittlung des Stoffes Wert auf die praktische Arbeit gelegt.

### **4.3 Einzelheiten zum Studiengang**

Siehe Modulkatalog (Anlage 1) und Zeugnis (Anlage 2) über die Masterprüfung des Studiengangs Technical Management des Fachbereichs Technik / Abt. Maschinenbau der Hochschule Emden/Leer.

### **4.4 Notensystem und Hinweise zur Vergabe von Noten**

Die Hochschule Emden/Leer vergibt die Noten „sehr gut“, „gut“, „befriedigend“, „ausreichend“ und „nicht bestanden“.

Zusätzlich zur Gesamtnote auf dem Zeugnis wird in der Anlage zum Diploma Supplement eine „ECTS-Einstufungstabelle“ gemäß ECTS User's Guide dargestellt. Zu diesem Zweck werden die im jeweiligen

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Bachelorstudiengang vergebenen Gesamtnoten der Bachelorprüfung aus den vergangenen zwei Studienjahren erfasst und ihre zahlenmäßige sowie ihre prozentuale Verteilung auf die Notenstufen in einer ECTS-Einstufungstabelle dargestellt. Liegt innerhalb des Zweijahreszeitraums eine Gesamtzahl von weniger als 100 Absolventinnen oder Absolventen vor, wird die Notenverteilung der gesamten Abteilung zugrunde gelegt.

### 4.5 Gesamtnote

Die Gesamtnote ergibt sich wie folgt:

bei einem Mittelwert	bis 1,50	=	sehr gut
bei einem Mittelwert	über 1,50 bis 2,50	=	gut
bei einem Mittelwert	über 2,50 bis 3,50	=	befriedigend
bei einem Mittelwert	über 3,50 bis 4,00	=	ausreichend
bei einem Mittelwert	über 4,00	=	nicht ausreichend

### 4.6 Anerkennung von Leistungen

Anerkannte außerhochschulische Leistungen werden im Zeugnis ausgewiesen.

## 5. ANGABEN ZUM STATUS DER QUALIFIKATION

### 5.1 Zugang zu weiterführenden Studien

Der Masterabschluss berechtigt zur Promotion.

### 5.2 Beruflicher Status

Der von der Hochschule Emden/Leer vergebene Masterabschluss berechtigt den Inhaber zum Führen des Akademischen Grades „Master of Engineering (MEng)“. Er befähigt die Absolventin/den Absolventen zu qualifizierter Arbeit in Unternehmen und Behörden.

Dieser Masterabschluss befähigt die Absolventin/den Absolventen für den höheren Dienst.

## 6. WEITERE ANGABEN

### 6.1 Weitere Angaben

Allgemeiner Teil für alle Masterstudiengänge an der Hochschule Emden/Leer (Teil A MPO) in der Fassung vom 10.03.2015 (Verkündungsblatt 28/2015 vom 18.03.2015).

Besonderer Teil (Teil B) der Prüfungsordnung für den Masterstudiengang Technical Management vom ..... (Verkündungsblatt xx/xxxx vom xx.xx.xxxx).

### 6.2 Informationsquellen für ergänzende Angaben

- Informationen über die Hochschule, den Fachbereich und den Studiengang:



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[www.hs-emden-leer.de](http://www.hs-emden-leer.de)

- Weitere Informationsquellen über das nationale Hochschulsystem, siehe Abschnitt 8.
- Informationen über Studiengang: [www.technicalmanagement.de](http://www.technicalmanagement.de)

## 7. ZERTIFIZIERUNG

Dieses Diploma Supplement nimmt Bezug auf folgende Original-Dokumente:

- Masterurkunde vom [Datum]
- Masterzeugnis vom [Datum]

Datum der Zertifizierung: .....  
(Vorsitz der Prüfungskommission)

(Offizieller Stempel/Siegel)

## 8. ANGABEN ZUM NATIONALEN HOCHSCHULSYSTEM

Die Informationen über das nationale Hochschulsystem auf den folgenden Seiten geben Auskunft über den Grad der Qualifikation und den Typ der Institution, die sie vergeben hat.

## Anlage 4b Diploma Supplement in englischer Sprache

**Hochschule Emden/Leer  
University of Applied Sciences  
Diploma Supplement**

This Diploma Supplement model was developed by the European Commission, Council of Europe and UNESCO/CEPES. The purpose of the supplement is to provide sufficient independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.). It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. It should be free from any value judgements, equivalence statements or suggestions about recognition. Information in all eight sections should be provided. Where information is not provided, an explanation should give the reason why.

### 1. HOLDER OF THE QUALIFICATION

#### 1.1 Family Name / 1.2 First Name

.....

#### 1.3 Date, Place, Country of Birth

.....

#### 1.4 Student ID Number or Code

.....

### 2. QUALIFICATION

#### 2.1 Name of Qualification (full, abbreviated; in original language)

Technical Management

#### Title Conferred (full, abbreviated; in original language)

Master of Engineering, MEng

#### 2.2 Main Field(s) of Study

Technical Management

#### 2.3 Institution Awarding the Qualification (in original language)

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Hochschule Emden/Leer

Fachbereich Technik

**Status (Type / Control)**

University of Applied Sciences/ state institution

**2.4 Institution Administering Studies (in original language)**

Same

**Status (Type / Control)**

Same

**2.5 Language(s) of Instruction/Examination**

English / English

**3. LEVEL OF THE QUALIFICATION**

**3.1 Level**

Post-graduate master's degree / Second degree with thesis

**3.2 Official Length of Programme**

3 semesters

**3.3 Access Requirements**

See "Zugangs- und Zulassungsordnung" for further details.

**4. CONTENTS AND RESULTS GAINED**

**4.1 Mode of Study**

Full-time

**4.2 Programme Requirements/Qualification Profile of the Graduate**

This master study programme is an application-oriented course which provides profound knowledge of the management and operation of projects in engineering and economics. Professional skills are taught in central management fields. The participants learn to elaborate application-oriented implementation concepts to solve problems based on knowledge-based methods. This study course emphasizes a hands-on approach of teaching.

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#### **4.3 Programme Details**

See appendix 2 ("Zeugnis über die Masterprüfung") and appendix 1 ("Modulkatalog").

The Hochschule Emden/Leer, University of Applied Sciences offers the following grades: very good, good, satisfactory, pass, fail.

Additionally to the overall grade in the certificate, an "ECTS grading table" according to the ECTS User's Guide will be shown on the Diploma Supplement. Therefore, in each Bachelor course the grade of the previous two study-years will be recorded, and their absolute and relative distribution will be shown in the ECTS grading table. Should less than 100 students have graduated within the previous two study years, the distribution of the department or faculty will be shown instead.

#### **4.5 Overall Classification (in original language)**

Gesamtnote: „sehr gut“, „gut“, „befriedigend“, „ausreichend“  
Based on weighted average of grades in examination fields.

#### **4.6 Recognition of Achievements**

Recognized professional achievements are disclosed. (see appendix 6.

### **5. FUNCTION OF THE QUALIFICATION**

#### **5.1 Access to Further Study**

Qualifies to apply for admission for PhD Programmes, corresponding to local admission requirements.

#### **5.2 Professional Status**

The master degree in this discipline entitles its holder to the academic degree "Master of Engineering (MEng)".

### **6. ADDITIONAL INFORMATION**

#### **6.1 Additional Information**

General part of the examination regulations for all master courses at the Hochschule Emden/Leer (Teil A MPO) of 10.03.2015 (announcement No. 28/2015 of 18.03.2015).

Specific part (B) of the examination regulations for the master course Technical Management of 03.07.2012.

(announcement No. xx/xxxx vom xx.xx.xxxx)

#### **6.2 Further Information Sources**

Part (B) of the examination regulations for the Master's Study Course in Technical Management from April 15, 2016.

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- On the institution: [www.hs-emden-leer.de](http://www.hs-emden-leer.de)
- The degree programme: [www.technicalmanagement.de](http://www.technicalmanagement.de)
- For national information sources see Sect. 8

## 7. CERTIFICATION

This Diploma Supplement refers to the following original documents:

- Master Certificate (Masterurkunde), [date of issue]
- Final Examination Certificate (Zeugnis über die Masterprüfung), [date of issue]

Certification date: .....

.....

Signature of Administration  
(Official Stamp/Seal)

## 8. NATIONAL HIGHER EDUCATION SYSTEM

The information on the national higher education system on the following pages provides a context for the qualification and the type of higher education that awarded it.

**Anlage 5 Leistungen im Ergänzungsstudium**

**Anlage 5a Leistungen im Ergänzungsstudium in deutscher Sprache**

**Hochschule Emden/Leer**

**Fachbereich Technik**

**Bescheinigung über Leistungen im Ergänzungsstudium des  
Masterstudiengangs Technical Management**

Frau / Herr<sup>12</sup> .....

geboren am ..... in .....

hat im Ergänzungsstudium des Masterstudiengangs

**Technical Management** die Anzahl von ....<sup>13</sup> Kreditpunkten (ECTS) erworben.

In den einzelnen Modulen wurden folgende Beurteilungen erzielt:

Modul	Beurteilung <sup>14</sup>	Kreditpunkte <sup>12</sup>
.....	.....	.....
.....	.....	.....
.....	.....	.....
.....	.....	.....
.....	.....	.....
.....	.....	.....

Emden, den .....

(Datum)

(Siegel der Hochschule)

.....

(Vorsitz der Prüfungskommission)

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<sup>12</sup> Nicht Zutreffendes streichen

<sup>12</sup> Anzahl der erworbenen Kreditpunkte eintragen

<sup>13</sup> Notenstufen: sehr gut, gut, befriedigend, ausreichend; bei der Gesamtnote wird die Note zusätzlich als Zahl mit zwei Nachkommastellen ausgewiesen.

Part (B) of the examination regulations for the Master's Study Course in Technical Management from April 15, 2016.

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## Anlage 5b Leistungen im Ergänzungsstudium in englischer Sprache

**HOCHSCHULE EMDEN/LEER**  
**University of Applied Sciences**  
**Faculty of Technology**

### Certificate

**Mrs. / Mr**<sup>15</sup> .....

born on ..... in .....

has acquired a total of ....<sup>16</sup> ECTS in the course of complementary studies of

### Technical Management

In the individual subjects the following grades were achieved:

Module	Grade <sup>17</sup>	ECTS
.....	.....	.....
.....	.....	.....
.....	.....	.....
.....	.....	.....
.....	.....	.....
.....	.....	.....

Emden, den .....  
 .....  
 (Date) (Chairman of the Examination Committee)  
 (Seal of the University)

<sup>15</sup> Delete as appropriate

<sup>16</sup> Insert the sum of the credit points of all additional modules

<sup>17</sup> Gradation: excellent, very good, good, satisfactory, sufficient; the aggregate grade is rounded to two decimal places.