TU/e

GRADUATE SCHOOL • EINDHOVEN UNIVERSITY OF TECHNOLOGY
INDIVIDUAL ELECTIVE COURSES - MSE
DEPARTMENT OF INDUSTRIAL ENGINEERING & INNOVATION SCIENCES

Personal Information

Name: Student Nr:

MSc Program: Manufacturing Systems Engineering

Track:

Thesis Assessor:

Track Core Courses (min. 30 ECTS, to be approved by the assessor).

Course code	Course title	ECTS
1CM160	Manufacturing Technology	5
4CM70	Integrated System Design	5

Pillar Choices

Pillar 1 is a compulsuary pillar: choose 1 out of 2 courses

PILLAR 1: Network Design and Control

Multi-Echelon Inventory Management	1CM100
Design of operations, Planning and Control Systems	1CM140

Free pillars: **Choose 1 course from 3 of the 4 pillars - 3 courses in total**

PILLAR 2: Machine Design and Control:

Control Engineering	4CM00
Supervisory Control (not for ME students)	4CM30
Micro Fabrication	4UM00

PILLAR 3: Factory Design and Control:

Modelling and Control of Manufacturing Networks	4DM40
Modeling and Analysis of Manufacturing Systems	1CM10

PILLAR 4: AI Design and Control

Foundations of Data Mining	2AMM20
Computation Intelligence	1BM120

PILLAR 5:Maintenance Design and Control

Advanced Maintenance and Service Logistics	1CM120
Fracture Mechanics: Theory & Application	4MM50

Specialization Elective Courses (min. 15 ECTS, to be approved by the assessor).

Course code	Course Title	ECTS

It is not possible to add extracurricular activities as an elective.

Free Electives (including International Internship)

A) International Experience (minimum 15 ECTS)

And/ or

Please Choose:

B) Free Elective Courses* at TU/e or other Dutch universities (minimum 15 ECTS)

Course code	Course Title	ECTS

*This can also be an extension of the International Internship

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Confirmations

Confirmation Assessor:

Date:

Signature:

_____

Confirmation Student:

Date:

Signature:

_____

Confirmation Examinations Committee:

Date:

Signature:

_____

Submit the signed form to csa.ieis@tue.nl or hand in at ATLAS 3.331.

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