

ATTACHMENT 5: DDM PREREQUISITES

Required minimum credits in Design, Strength of materials /Mechanics, Design/Machine Elements and Mathematics

In order for applicants to be considered for the DDM program, they must demonstrate the completion of a minimum number of credits in the field of Design, Strength of materials /Mechanics, Design/Machine Elements and Mathematics. In order to facilitate our assessment of your qualifications, please fill out the following form stating clearly in which field you acquired the necessary credits, in which semester the course took place and how many credits it was worth.

semester	credits/hours (1 credit = 15 hrs)	name and description of the course	grade obtained on the course
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CAD (required: 5 CP / 75 hrs)

Pro/E			
CATIA			
SolidWorks			
SolidEdge			
AutoCAD			
Computer Drawing, Computer aided Design			
Mechanical Drawing			
FX			
Creo			
Autodesk Feature CAM			

Strength of materials / Mechanics (required: 10 CP / 150 hrs)

Strength of Materials			
Finite Element Method (FEM)			
Engineering Mechanics			
Mechanical Engineering Analysis			
Theory of Mechanics			
Mechanics of Materials			
Dynamics			
Other:			

Design / Machine Elements (15 CP / 225 hrs)

Design			
Machine Design			
Theory of Machines			
Design of Machine Elements			
Other:			

semester	credits / hours (1 credit = 15 hrs)	name and description of the course	grade obtained on the course
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Mathematics (8 CP / 120 hrs)

Mathematics for Engineering				
Differential Equations				
Numerical Mathematics				
Linear Algebra				
<i>Other:</i>				