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Guideline document  
for the application process  
for the Master courses

„Aerospace Engineering“  
and  
„International Automotive Engineering“

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# Course Comparison List

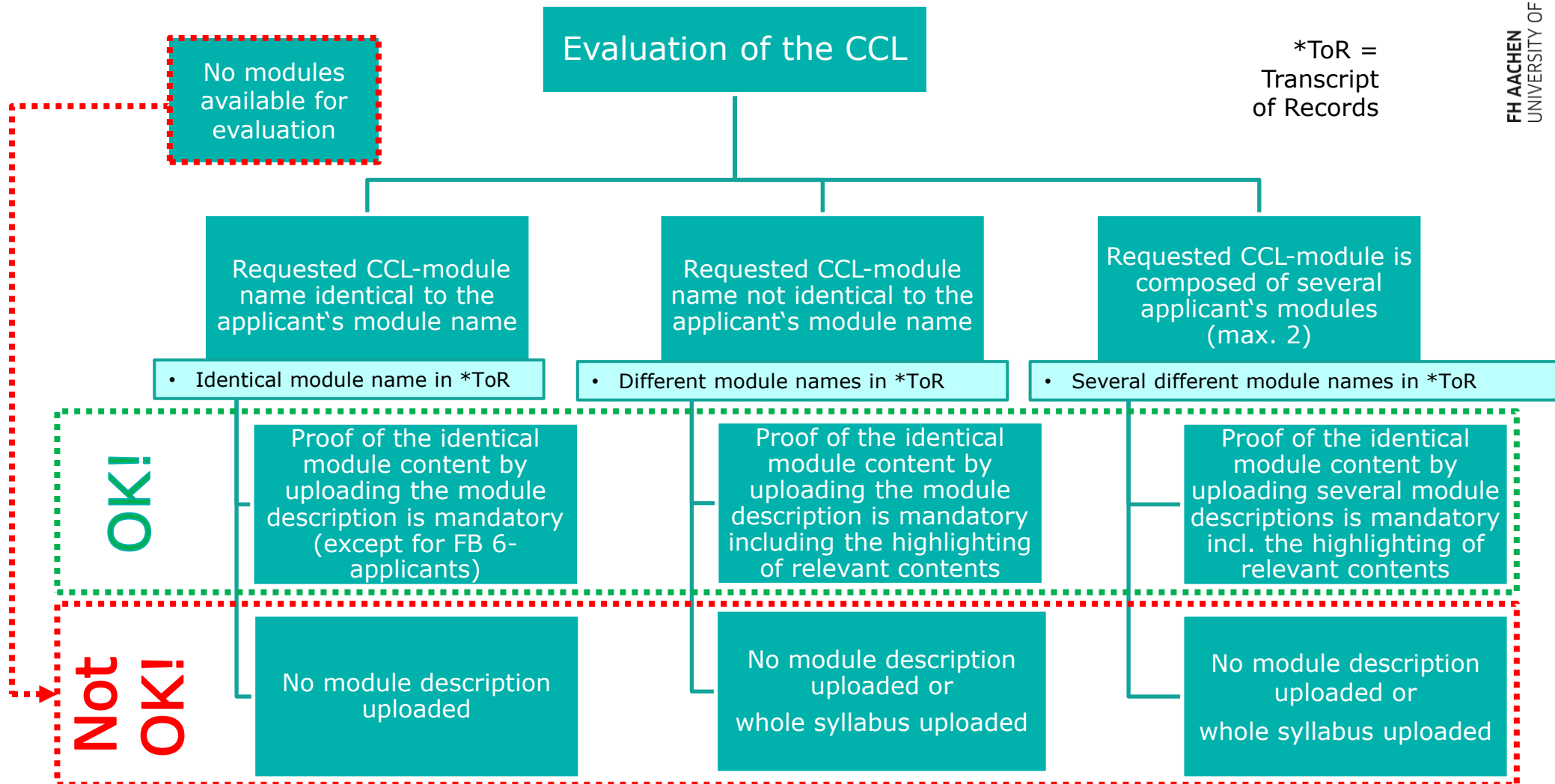
## AEROSPACE ENGINEERING

- Aerospace Engineering
- Control and Simulation Technologies
- Aircraft Aerodynamics
- Combustion Technology
- Dynamics of Machinery
- Aerospace Propulsion
- Space Mechanics
- Aircraft and Flight Guidance Systems
- Space Environment Physics
- Space Systems
- Space Propulsion
- Air Traffic and Maintenance
- Flight Performance/Flight Mechanics
- Turbomachinery
- Lightweight Structures

## INTERNATIONAL AUTOMOTIVE ENGINEERING

- Vehicle Aerodynamics
- Vehicledynamics
- Automotive Manufacturing
- Automotive Electronics
- Transmission Technology
- Vehicle Body
- Energy Storage Systems
- Car Body Technologies
- Vehicle Integration
- Internal Combustion Engines
- Control and Simulation Technologies

# General hints for the completion of the Course Comparison List (CCL)



# CCL- Examples of **correct** inputs

\* Combustion Technology

Course name on your academic transcript of records if different from the name above.



\* Flight Performance/Flight Mechanics


Course name on your academic transcript of records if different from the name above.


**If the course name is different....**



If course name different please upload the module description as 'additional documents'

 Upload file (click here or drop in here, max 10 file or files) 

 ✓ Additional Document - ENGINEERING MECHANICS.pdf

 ✓ Additional Document - APPLIED THERMODYNAMICS.pdf

# CCL- Examples of **correct** inputs (Aerospace Engineering FB6)

\* Aerospace Engineering   
 Kursname, falls abweichend vom obigen Namen.

\* Regelungs- und Simulationstechnik   
 Kursname, falls abweichend vom obigen Namen.

\* Flugzeug-Aerodynamik   
 Kursname, falls abweichend vom obigen Namen.

\* Verbrennungstechnik   
 Kursname, falls abweichend vom obigen Namen.

\* Maschinendynamik   
 Kursname, falls abweichend vom obigen Namen.

\* Luftfahrtantriebe   
 Kursname, falls abweichend vom obigen Namen.

\* Raumflugmechanik   
 Kursname, falls abweichend vom obigen Namen.

\* Flugzeug- und Flugführungssysteme   
 Kursname, falls abweichend vom obigen Namen.

\* Physik der Weltraumumgebung (Physikalische Grundlagen Raumfahrttechnik)   
 Kursname, falls abweichend vom obigen Namen.

\* Raumfahrtssysteme   
 Kursname, falls abweichend vom obigen Namen.


\* Raumfahrtantriebe   
 Kursname, falls abweichend vom obigen Namen.

\* Flugbetrieb und Instandhaltung   
 Kursname, falls abweichend vom obigen Namen.

\* Flugleistungen/Flugmechanik   
 Kursname, falls abweichend vom obigen Namen.

\* Strömungsmaschinen   
 Kursname, falls abweichend vom obigen Namen.

\* Leichtbau   
 Kursname, falls abweichend vom obigen Namen.

Wenn Kursnamen anders als  Hochladen (hier)   
 vorgegeben sind, laden Sie bitte die Modulbeschreibung als zusätzliches Dokument hoch.



**FB6-applicants only have to choose the options.**

# CCL- Examples of **incorrect** inputs

\* Combustion Technology

Course name on your academic transcript of records if different from the name above.

If course name different please upload the module description as 'additional documents'

 Upload file (click here or drop in here, max 10 file or files) 

No module description uploaded

# Short summary – Reasons for the rejection of an application

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- GRE (quantitative part, „%below“) < **83%** (only for applicants who have done their undergraduate studies at a Non-Bologna University)
- Undergraduate studies  $\leq$  **6 semester** ( $\leq$  180 ECTS) regular (minimum) study duration in Bachelor's studies
- Application grade (degree from Bologna University):  
( $2/3 \cdot \text{Bachelor's final grade} + 1/3 \cdot \text{CCL}$ )  $\geq$  **2,2/2,3 (ASE/IAV)**
- Application grade (degree from Non-Bologna University):  
( $2/3 \cdot \text{GRE} + 1/3 \cdot \text{CCL}$ )  $\geq$  **2,2/2,3 (ASE/IAV)**

(*GRE'*: see Table 1 of the admission regulations, „Zulassungsordnung“)