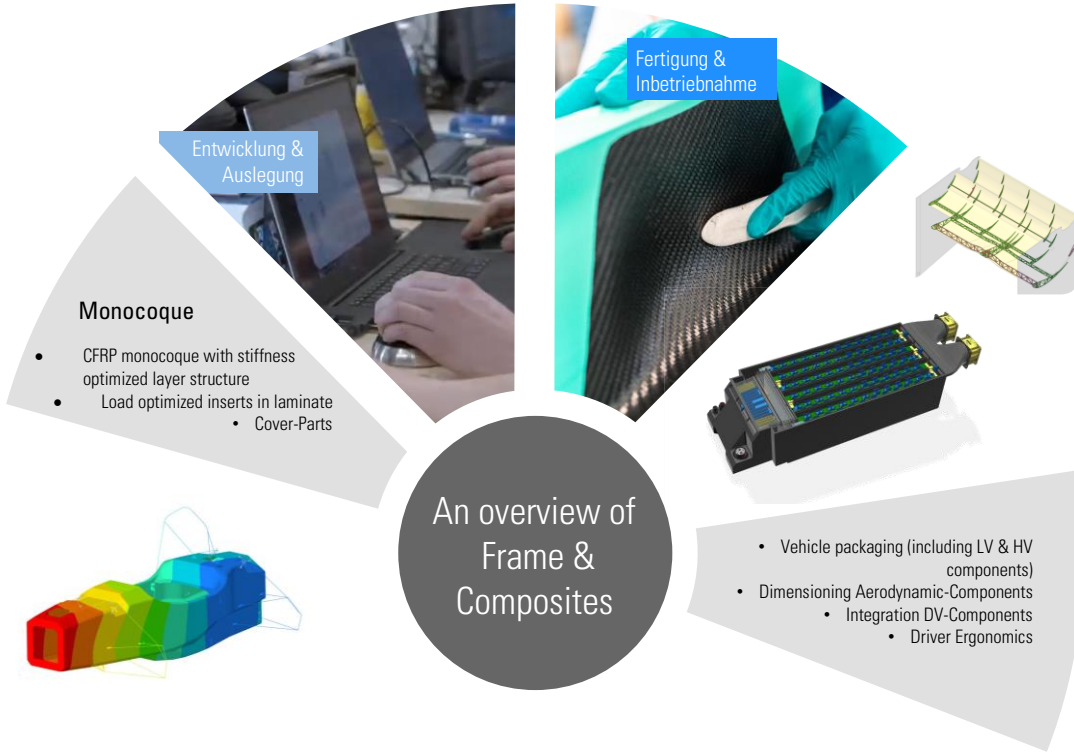


## Frame & Composites

# Structural Dimensioning Carbon-Components



### What does structural dimensioning mean?

To ensure that a carbon component is lightweight and still meets the respective requirements, a complex structural design must be carried out. In addition to the design of the internal structure, which should be load-optimized and weight-oriented, it is then also a matter of developing a layer structure that absorbs the incoming forces as sensibly as possible and represents the optimum for the overall vehicle

### What will be your tasks?

- Getting familiar with existing designs and layouts in Siemens NX & Altair Hypermesh
- Creation of plybooks for manufacturing
- Complete support of the component in production
- Weight optimization of the complete vehicle
- Cooperation in mechanical tasks (e.g. manufacturing monocoque, aerodynamics)
- Collaboration in cross-group tasks (e.g. testing, event qualification)

### What are our requirements for you?

- Getting familiar with existing designs and layouts in Siemens NX & Altair Hypermesh
- Creation of plybooks for manufacturing
- Complete support of the component in production
- Weight optimization of the complete vehicle
- Cooperation in mechanical tasks (e.g. manufacturing monocoque, aerodynamics)
- Collaboration in cross-group tasks (e.g. testing, event qualification)



One goal.  
One team.

Would you also like to accompany your component from CAD to the race track? Apply on our homepage!



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