

Winterim Course

The Chair

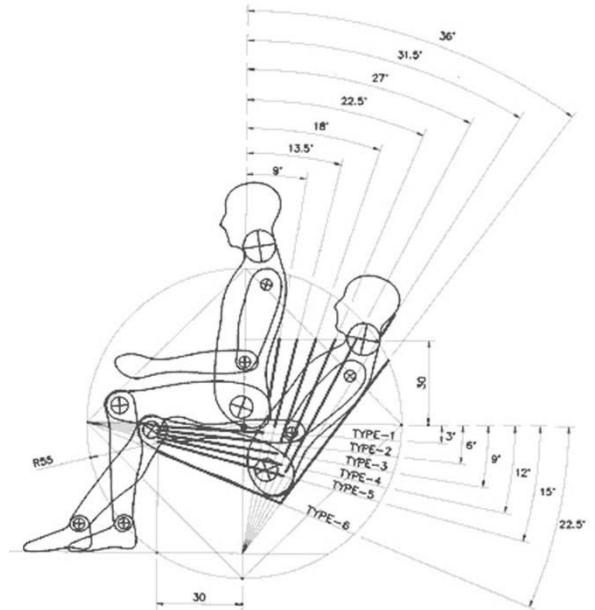
Instructors: Lee Schuette
Myles Duncanson

Date offered: December 9-13, from 9am to 12pm

Open to: All Dartmouth Students

Prerequisites: None

Description: Exploration of structure, material properties and ergonomics involved in the design and construction of a full-scale chair. Students will develop a chair of their own design through prototyping of a full-scale study model chair. Fabrication will be executed through the use of off-hand and limited stationary power tools. Lessons will provide instruction on safe use of essential tools.



Learning goals:

- Evolve rapid prototyping skills
- Explore renewable materials & sustainable build practice thru hand work and manual tools.
- Create integrated structures in a variety of geometries that fit and support the body.
- Expand abilities with use of off-hand and hand held power tools. (Foundational skills)



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Capturing angles & connecting elements



Reviewing design look & feel

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From parts to assembly to finish fit