Studio Overview: The design world is buzzing about the implications of so-called artificial intelligence programs and how they will impact design & process. A key element currently nascent in these conversations is the translation of AI iteration into physical artifact. This studio will explore AI as a design collaborator and interpret the work through anthropometrics, detailing and fabrication resulting in functional furniture pieces.

**DESIGN TOPICS**
- Precedents and Ergonomics
- Scale & Proportion of Parts to Whole
- Vocabulary of Woodworking
- Producing Effective Shop Drawings
- Subtlety in Detailing
- Modes of Wood Joinery
- Materials in the Hand
- Narrative and Concept

**BUILD TOPICS**
- Craft in Woodworking
- Importance of Partial, Full Scale, & Iterative Prototyping
- Accounting for Physical Material Behavior
- Tools, Safety and Usage
- Hand Methods vs. Machine Methods
- Wood Milling & Finishes
- Incorporation of CNC processes

Students that enroll in this course need to anticipate a materials budget: conservatively between $200 to 300 (*material donations will be requested but are not at all guaranteed). Tools will largely be covered through the use of the Millrace shop, though some basics will be highly recommended to have as personal acquisitions (ie: tape measure, combo-square).