Studio Overview: Focusing on small form factor tables (side table, coffee table, hall table) we will seek to leverage the digital fabrication tools at our disposal to assist a hybrid pursuit of craft in furniture making. This could include 3D printing, laser cutting, CNC routing, CNC milling, and/or 3D scanning towards the generation of templates and jigs.

**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).