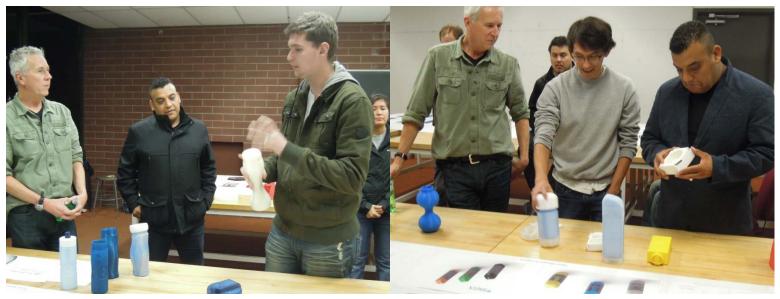


Brita Background Brita Pitcher Brita On-The-Go Bottle



Flexible/squeezable / Hard sided















IDSGN – 120 / Industrial Design COURSE CONTENT:

A. Design Language

- 1. Introduce Industrial Design rationale
- 2. Current Industrial Design trends in market
- 3. Aesthetics of form and function
- 4. Emotional design and consumer psychology

B. Drawing

- 1. Fundamentals of sketching and line types
- 2. 1-point, 2 point, & 3 point perspective
- 3. Dimensioning lengths, angles and arcs

c. Creating 3D Solid CAD Drawings

- 1. Extrusions
- 2. Rotations
- 3. Sweeps
- 4. Lofts

D. 3D CAD Material Removal Tools

- 1. Swept and rotated cuts
- 2. Extruded and lofted cuts
- 3. Drilling and threading holes

E. Working Drawings

- 1. Import Views
- 2. Dimensioning
- 3. Callouts
- 4. Paper Sizes and orientation selection

F. Prototyping

- 1. Materials and Processes
- 2. 3D Printing (adding materials)
- 3. CNC machining (subtracting materials)

G. Presentation

- 1. Outline formats for an effective speech
- 2. Oral Presentation Strategies
- 3. Visual Displays

