



Project Title: **aTTb (Attaché Bike for Commuters)**

Students Name: **Daisuke Sawaki**

Level: **Junior**

Course: **Industrial Design Studio III**

Advisor/Instructor: **Robert Brainard**

Principal Investigator: **Robert Brainard and Jim Lesko**

Department / School: **Department of Design**

**University of Bridgeport,  
Bridgeport, Connecticut**

#### Jury Comments

A simple idea clearly represented through numerous 3D partial studies at different scales. This is where **form•Z** stands out. Great!

- *Alain Cohen*

This project is an exemplar for how 3D CAD helps designers envision forms and solutions for objects. The exploration of a simple bicycle-and-briefcase combination becomes deeper and more complex, ultimately simplifying the product's design, because the user took the time to explore the tool's capabilities, and was able to present a range of options for the form of the design.

- *Deborah Snoonian*

#### Summary description of project:

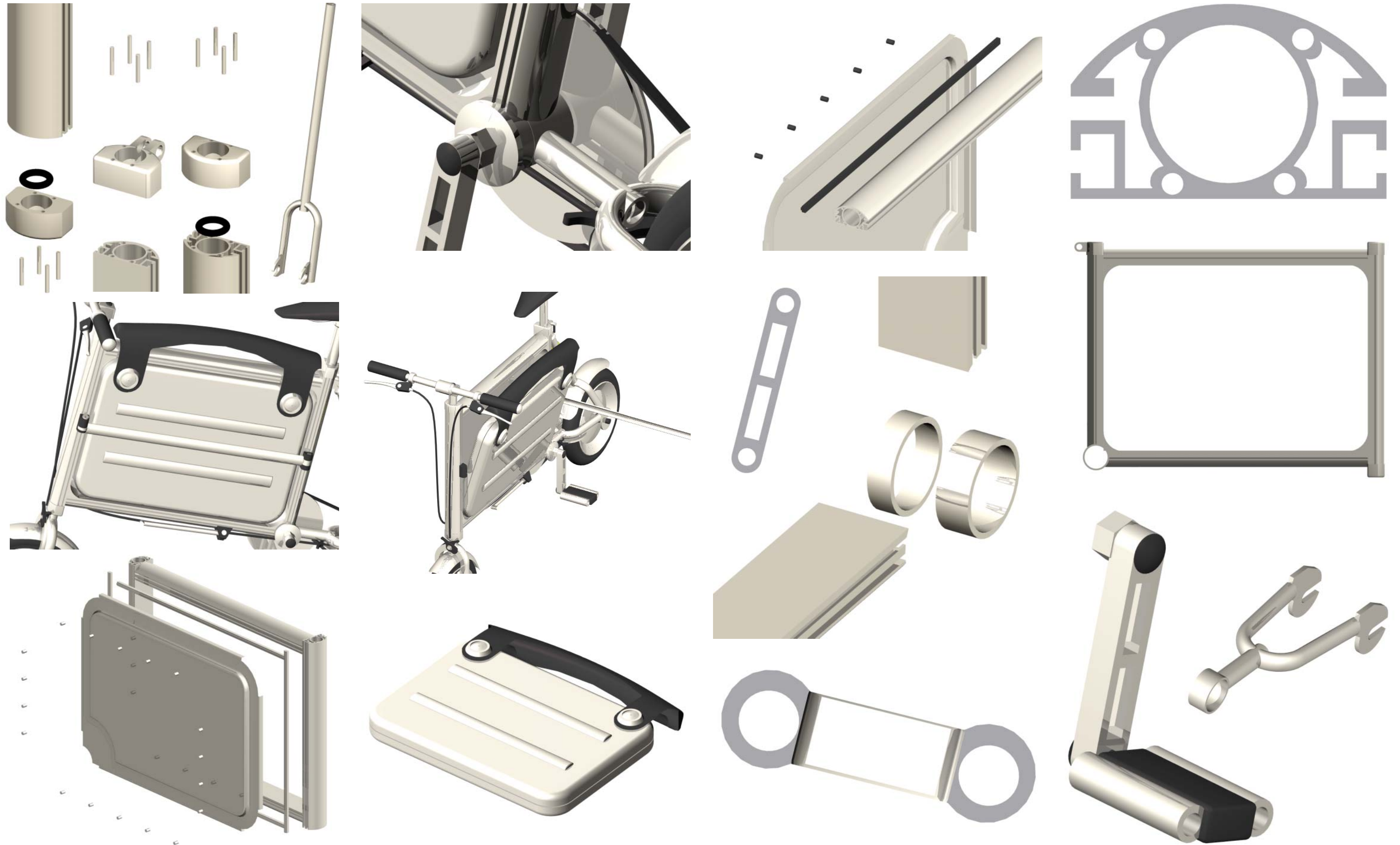
The aTTb (attaché bike) is a unique commuter bike. Designed as part of the junior level industrial design studio, the intent is to combine three elements — an attaché case with a commuter bike using aluminum extruded frames — to create a more useful commuter bike for people who work in city or town areas.

In the proposed concept, aTTb has frames that are made out of aluminum extrusion, with the main frame creating the space for baggage between handle post and saddle post. **form•Z** was used along with sketch development early in the design process to explore the possible product configurations. It naturally followed to continue using **form•Z** for finalizing the concept and rendering images for the final presentation.

#### Reasons for the nomination:

This student continues to show his understanding of 3D modeling, and his command of **form•Z**. In spite of a number of other software programs at his disposal, he continues to come back to **form•Z** for his conceptual and communication needs. Specifically he demonstrates an excellent level of development in **form•Z**, excellent presentation with **form•Z**, and an excellent all around integration of **form•Z** with the design process.





: aTTb >>> a useful bike for all commuters ...

DIMENSION >>>



next >>>

0 6

UBID Daisuke Sawaki

2003 Aluminum Extrusion Design Competition

: aTTb >>> a useful bike for all commuters ...

COLOR VARIATIONS >>>



next >>>

0 9

UBID Daisuke Sawaki

2003 Aluminum Extrusion Design Competition

