



Engineering / CAD - "Personal Portable Device"

Portable - PDA - Game - Digital Capture Device

Possible features to include in the design...

- Audio, Mp3, etc. Player
- Data Storage
- Mini-Computer/PDA
- Wireless Internet Access
- DVD or Mini-Disk Movie Player
- Xbox and Play Station Gamer
- Digital Video & Still Camera
- Cell Phone
- GPS
- More your choice...
- **Other Considerations** - Ergonomics, Size, Color

Assignment Rubric

- 3 Concept Sketches (Pencil - all on 8 1/2 x 11 paper) - 75 pts.
- 3-View - 100 pts.
- Isometric – 100 pts.
- Rhino 3D Rendered Model (2-3 Views) – 100 pts.
- Product Sales (Informational) Brochure - 100 pts.
 - 1 page - 8 1/2 x 11 Sheet Landscape Layout – “2 or 3 Fold Brochure”
 - Layout will include 3 or more 3D Modeled pictures that best show it's features.
 - Paragraph Description of the Product
 - Itemized List of all Features & Design Details
- Physical Prototype (Full Scale) – 150 pts.

Criteria for the Physical Prototype

- Physical details to include all specs identified above.
- Include Input & Output Ports
- Control Features (Buttons, Knobs, etc.)
- Attachments, peripherals, etc