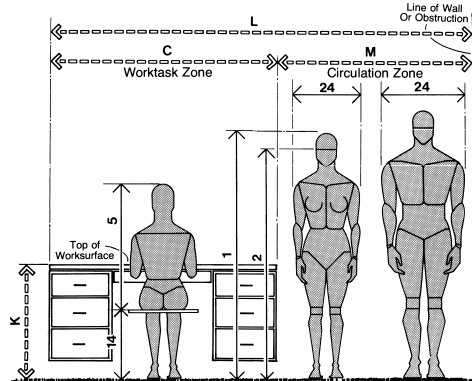
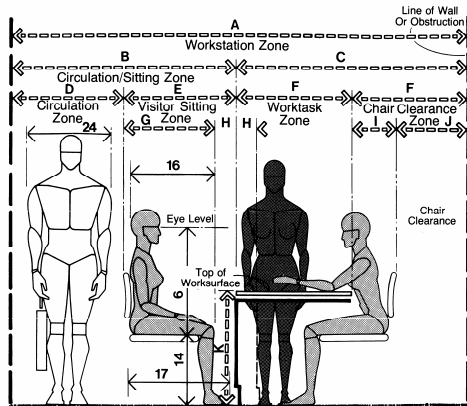


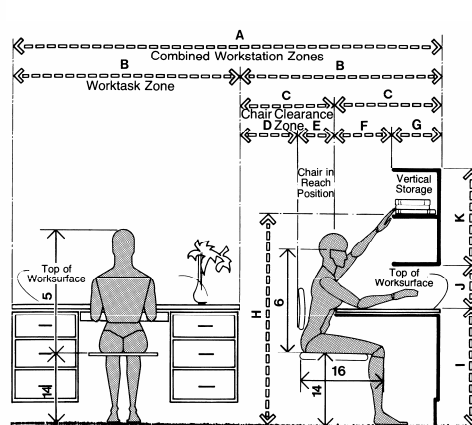
WORKSTATION AND ADJACENT CIRCULATION



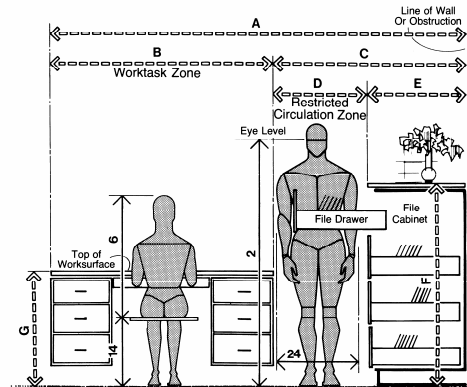
WORKSTATION AND ADJACENT CIRCULATION



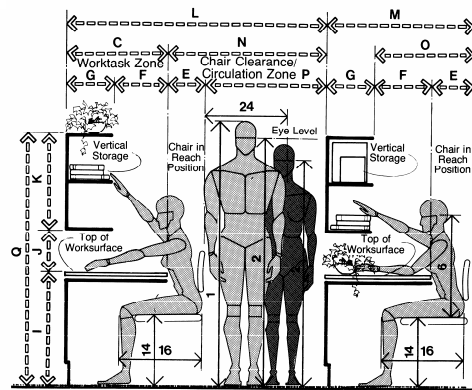
BASIC WORKSTATION WITH VISITOR SEATING AND CIRCULATION



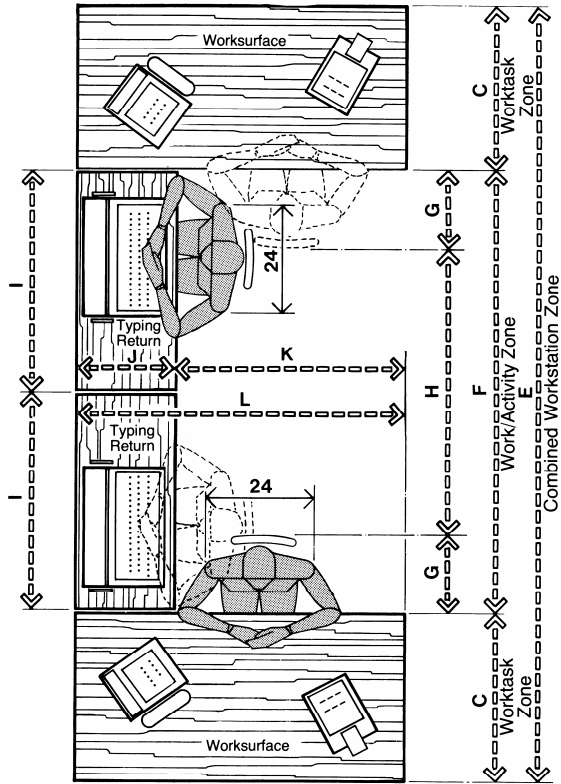
BASIC WORKSTATION WITH VERTICAL STORAGE



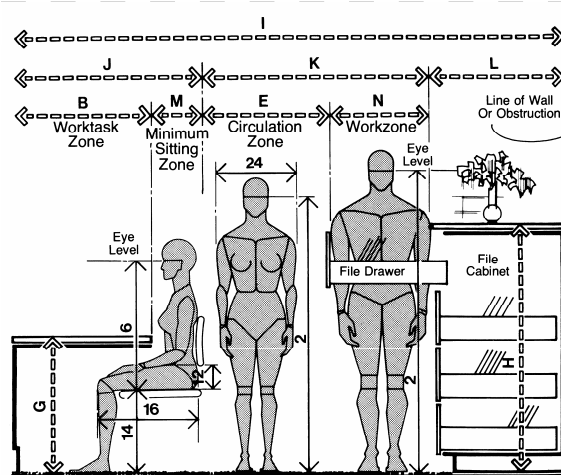
WORKSTATION WITH FILING AND STORAGE



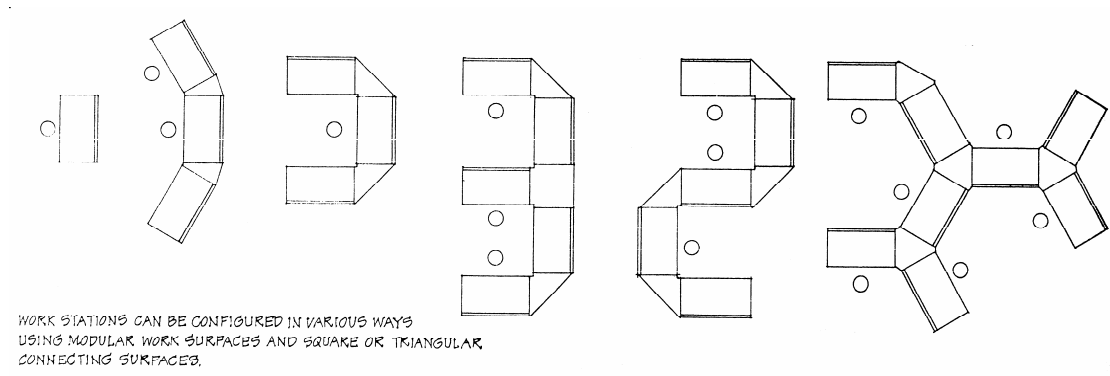
BASIC WORKSTATIONS BACK TO BACK WITH VERTICAL STORAGE



ADJACENT WORKSTATIONS/U-SHAPE



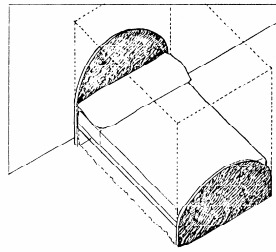
DESK WITH FILING AND STORAGE



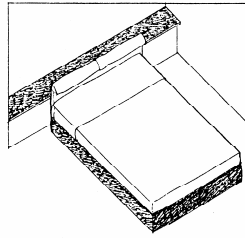
5.12 Beds

Beds consist of two components: the mattress or mattress set, and the base or support frame. There are various types of mattresses, each made in its own way to respond to and support one's body shape and weight. Personal judgment and choice, therefore, are required in the selection of a mattress.

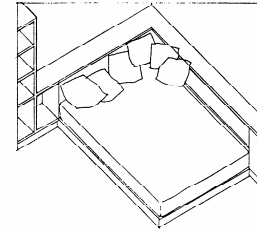
Interior design comes into play particularly in the selection of the base or bed frame, and related furnishings such as headboards, night tables, and the bedding material used to cover and finish the bed set.



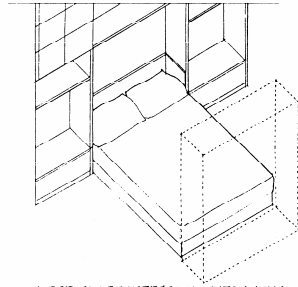
HEADBOARDS, FOOTBOARDS, AND CANOPIES DEFINE THE VOLUME OF SPACE OCCUPIED BY A BED.



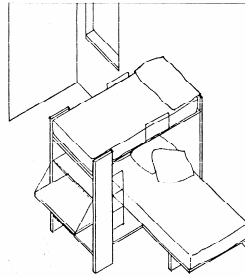
A BED CAN SIMPLY REST ON A PLATFORM BASE, EMPHASIZING THE HORIZONTALITY OF THE SETTING.



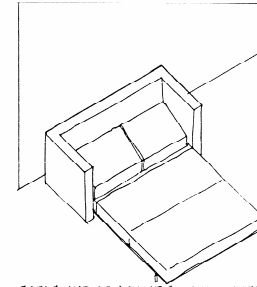
A BED CAN BE NESTLED INTO A CORNER OR ALCOVE. THIS BUILT-IN SETTING TAKES UP LESS FLOOR SPACE BUT BED MAY BE DIFFICULT TO MAKE.



A BED CAN BE INTEGRATED INTO A WALL STORAGE SYSTEM AT THE HEAD AND/OR THE FOOT OF THE BED.



BUNK BEDS UTILIZE VERTICAL SPACE TO STACK SLEEPING LEVELS, STORAGE AND DESK SURFACES CAN ALSO BE INTEGRATED INTO THE SYSTEM.



SOFAS AND ARMCHAIRS THAT CONVERT INTO BEDS OFFER CONVENIENT SHORT-TERM SLEEPING ARRANGEMENTS.

5.13 Storage

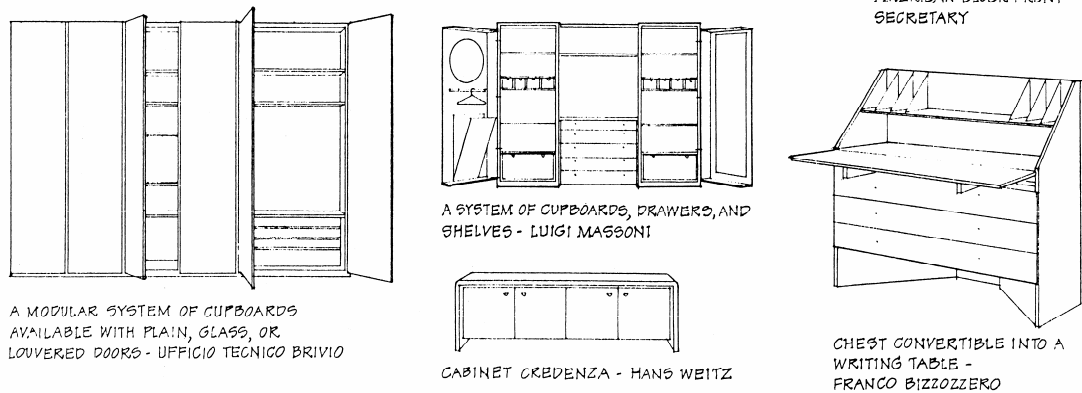
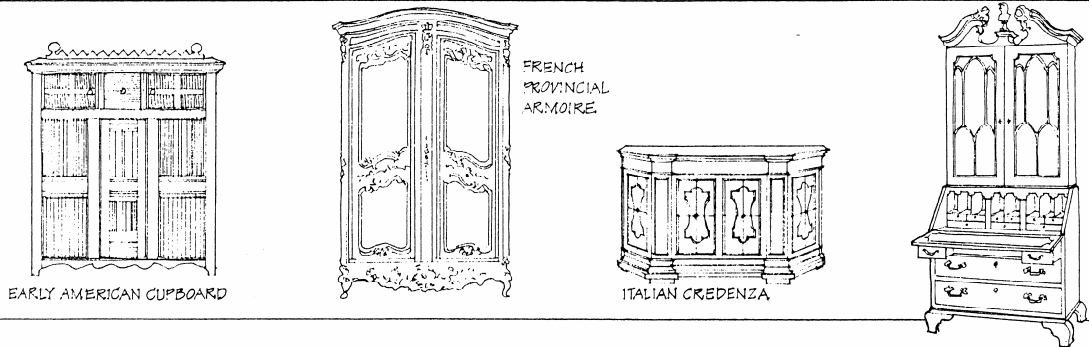
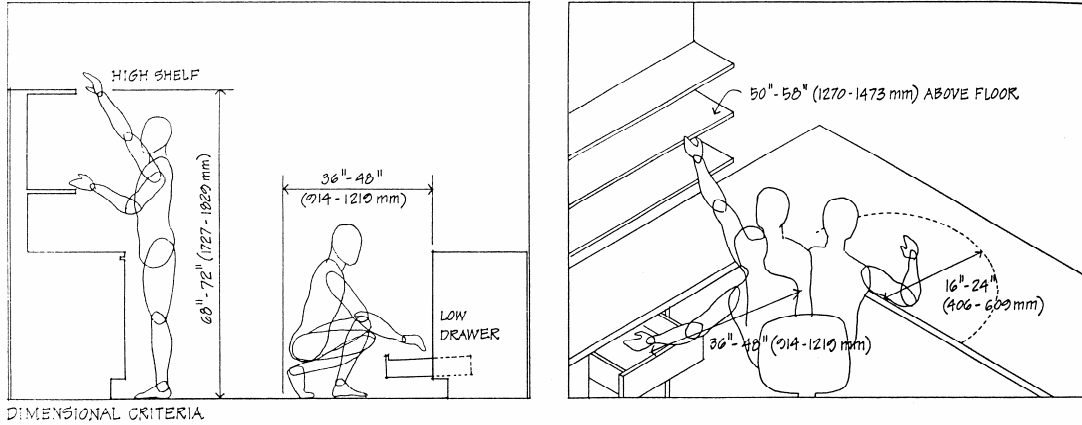
Providing adequate and properly designed storage is an important concern in the planning of interior spaces, particularly where space is tight or where an uncluttered appearance is desired. To determine storage requirements, analyze the following:

- **Accessibility:** Where is storage needed?
- **Convenience:** What type of storage should be provided?
What size and shapes of items are to be stored?
What is the frequency of use?
- **Visibility:** Are items to be on display, or concealed?

Storage should be distributed where needed. How far we can reach while seated, standing, or kneeling should govern the means of access to the storage area. Active storage of often-used items should be readily accessible while dead storage of little-used or seasonal items can be hidden away.

The size, proportion, and type of storage units used depend on the type and amount of items to be stored, the frequency of use, and the degree of visibility desired. Basic types of storage units are shelves, drawers, and cabinets. These may be suspended

from the ceiling, mounted on a wall, or simply be placed on the floor as a piece of furniture. Storage units can also be built into the thickness of a wall, occupy a niche, or utilize otherwise unusable space such as under a stairway.



Reference

1. FRANCIS D. K. CHING, INTERIOR DESIGN ILLUSTRATED, 1987.
2. JULIUS PANERO, AIA, ASID AND MARTIN ZELNIK, AIA, ASID, HUMAN DIMENSION & INTERIOR SPACE

Sample Questions

1. 1. Answer the following questions briefly.
 - (a). What is the purpose of interior design?
 - (b). Name the different types of fits in the interior design concerning with human factor.
 - (c). How can you estimate the area requirements for your interior space?
 - (d). What considerations are you based on organizing the interior areas of a new building?
 - (e). How many categories in the plan arrangement of the interior design?
 - (f). Name the steps of the design process?
 - (g). What is the most fundamental level of design?
 - (h). What is the architectural space?
 - (i). How many types of alteration can be considered in the existing spaces?

2. Name the dimensions of space and explain briefly.

3. Write short notes on the followings:
 - (a). Spatial Transitions
 - (b). Modifying Space

4. How can you proceed on an interior design?

5. (a). How can you relate between activities?
(b). What is Exterior space and Interior space?

6. Why do ceiling heights vary in different types of building?
7. Why do you need windows and doors in your building?
8. How many kinds of accessories in interior design? Explain.
9. How do we select and arrange the furniture in the realm of interior design?
10. How would the location of door influence the interior spaces?

SAMPLE QUESTIONS FOR B. TECH YEAR [2]

Ar 04012 Interior Design

1. (a) Write short notes of the following
 - i. Architectural space
 - ii. Interior space
- (b) How are you structuring space with interior design elements?
2. (a) Discuss Plan arrangement of interior space should respond to functional and aesthetic criteria.
- (b) Discuss the tight fit and loose fit of plan arrangement in interior space.
3. In interior design, what are the design principles? Explain three of them?
4. Floor, walls and ceiling are the enclosure of the architectural elements that defined interior space within buildings. Discuss any one.
5. Explain about the Windows that give the definition of interior space.

----- End -----

MINISTRY OF SCIENCE & TECHNOLOGY

DEPARTMENT OF TECHNICAL & VOCATIONAL EDUCATION

FINAL EXAMINATION FOR B. TECH YEAR [2], 2005

Ar 04012 Interior Design

Date 4-11-2005 [Friday]

Time 12:30-15:30

Attempt all.

1. (a) Write short notes of spatial dimension of the following with sketches
 - i. Square and rectangular space
 - ii. Curvilinear space
- (b) Describe the third dimension of interior space.
2. What are the primary elements of form? How can you express these in interior space?
3. Discuss Lighting design is the prime animator of interior space.
4. Floor, walls and ceiling are the enclosure of the architectural elements that defined interior space within buildings. Discuss any one.
5. Explain about the Doors that give the definition of interior space.

----- End -----

MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF TECHNICAL & VOCATIONAL EDUCATION

FINAL EXAMINATION FOR B. TECH YEAR [2], 2005

Ar 04012 Interior Design

Date 4-11-2005 [Friday]

Time 12:30-15:30

Attempt all.

1. Write down the following spatial transition of an interior space.

- a. Door ways
- b. Windows
- c. Stairways

2. The circle, the triangle and the square are the most significant geometric shape.

How are they shaping the interior space?

3. (a) How does color affect our perception of form and the dimensions and qualities of interior space.

(b) Why texture is important in interior space? Can texture affect interior space?

4. Ceilings are one of the architectural elements that defined interior space within buildings. Discuss it.

5. Explain that selection and arrangement of Furniture within the building's space are the major tasks of interior design.

----- End -----