



## **Learner-Centered Psychological Principles**

### **I. Cognitive and Metacognitive Factors**

- Nature of the Learning Process**
- Construction of Knowledge**
- Thinking about Thinking**
- Goals of the Learning Process**
- Strategic Thinking**
- Context of Learning**

### **II. Motivational and Affective Factors**

- Intrinsic motivation to learn**
- Motivational and Emotional Influences**
- Effects of Motivation on Effort**

### **III. Developmental and Social Factors**

- Social Influences on Learning**
- Developmental Influences of Learning**

### **IV. Individual Differences**

- Learning and Diversity**
- Individual Differences in Learning**
- Standards and Assessment**

