

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS

Course Number: OCCP-203 Department: Occupational Therapy Asst.

Course Title: Movement and Function Semester: Spring Year: 2011

Course Objective	Competencies
1. Define basic terms in kinesiology and biomechanics.	1. Demonstrate knowledge and understanding of the structure and function of the human body
2. Explain the relationship between the anatomy of the muscle and its function.	2. Exhibit the ability to analyze tasks relative to occupation
3. Identify the basic structures and functions of the nervous system.	3. Identify factors that compromise occupation and occupational performance
4. Describe the classification system for bones and joints.	4. Demonstrate knowledge and understanding of the structure and function of the human body
5. Plan therapeutic exercise programs and apply to occupation based activities.	5. Provide therapeutic use of occupation and activities (e.g., occupation-based activity, practice skills, preparatory methods).
6. Relate muscle actions to movement and occupation based activities.	6. Assist with the development of occupation-based intervention plans and strategies.

Course Objective	Competencies
<p>7. Be familiar with pathological conditions associated with different body regions.</p> <p>8. Assess work and home spaces and apply ergonomic principles to practice.</p>	<p>7. Understand the effects of physical and mental health, heritable diseases and predisposing genetic conditions, disability, disease processes, and traumatic injury to the individual</p> <p>8. Modify environments (e.g., home, work, school, community) and adapt processes, including the application of ergonomic principles.</p>