



Western Technical College

10514190 OT Pediatric Practice

Course Outcome Summary

Course Information

Description	Explores interventions relative to major pediatric diagnoses seen in OT practice. Evaluation, treatment interventions, assistive technology and documentation are emphasized within the context of the child's occupations.
Career Cluster	Health Science
Instructional Level	A.A.S. - Associate in Applied Science
Total Credits	4
Total Hours	126

Pre/Corequisites

Prerequisite	10514174 OT Performance Skills
Prerequisite	10514176 OT Theory and Practice
Prerequisite	10809188 Developmental Psychology

Textbooks

Foundations of Pediatric Practice for the Occupational Therapy Assistant – with Access. 2nd Edition. Copyright 2017. Wagenfeld, Amy. Publisher: Slack Inc. **ISBN-13:** 978-1-63091-124-9. Required.

Occupational Therapy Practice Framework: Domain & Process. 4th Edition. Copyright 2020. American Occupational Therapy Association, Inc. Publisher: American Occupational Therapy Association, Inc. **ISBN-13:** 978-1-56900-488-3. Required.

The OTA's Guide to Documentation: Writing SOAP Notes. 5th Edition. Copyright 2023. Morreale, Marie J. and Sherry Borcharding. Publisher: Slack Inc. **ISBN-13:** 978-1-63822-036-7. Required.

Success Abilities

1. Cultivate Passion: Enhance Personal Connections
2. Live Responsibly: Develop Resilience
3. Live Responsibly: Foster Accountability
4. Refine Professionalism: Act Ethically
5. Refine Professionalism: Improve Critical Thinking
6. Refine Professionalism: Participate Collaboratively
7. Refine Professionalism: Practice Effective Communication

High Impact Practices

1. Community Based Learning Project: a key learning outcome of this course is to connect academic learning and civic development while simultaneously addressing a community partner's needs, interests, or problems.

Program Outcomes

1. Practice within the distinct role and responsibility of the occupational therapy assistant
2. Serve a diverse population in a variety of systems that are consistent with entry level practice
3. Apply occupational therapy principles and intervention tools to achieve expected outcomes
4. Advocate for the profession, services, and consumers

Course Competencies

1. Examine the service delivery models for OT within pediatrics

Assessment Strategies

- 1.1. through an oral, written or graphic assessment

Criteria

You will know you are successful when

- 1.1. you identify areas of practice within OT practice
- 1.2. you relate the domain of OT to the pediatric system
- 1.3. you articulate the unique role of the OT to the pediatric system
- 1.4. you compare the educational system with medical and family systems
- 1.5. you compare the legislative provisions by age group

Learning Objectives

- 1.a. IEP, Transition, School to work, early intervention birth to 3, medical model,
- 1.b. The linked external standards are the focus learning objectives for this competency.

2. Develop interventions for hand function

Assessment Strategies

- 2.1. by developing intervention(s) for a pediatric client

Criteria

You will know you are successful when

- 2.1. you select appropriate activities and assistive technologies based on identified goal
- 2.2. you implement selected activities
- 2.3. you justify the rationale for choosing the activity
- 2.4. you demonstrate patterns of grasp and hand manipulation
- 2.5. you recognize development of hand function relative to tool use
- 2.6. you incorporate handwriting programs into interventions
- 2.7. you adapt environments for an individual's optimal occupational performance

Learning Objectives

- 2.a. The linked external standards are the focus learning objectives for this competency.
- 2.b. Hand development
- 2.c. ADL's
- 2.d. Handwriting
- 2.e. In-hand manipulation
- 2.f. Adapting skills
- 2.g. Positioning

3. Perform safe feeding, eating, and swallowing interventions

Assessment Strategies

- 3.1. by developing intervention(s) for a pediatric client

Criteria

You will know you are successful when

- 3.1. you describe normal oral development
- 3.2. you demonstrate interventions for oral sensory problems as they affect feeding skills
- 3.3. you demonstrate interventions and appropriate use of assistive technologies for feeding and eating
- 3.4. you articulate interventions to enhance the child's ability to participate in mealtime routines
- 3.5. you adapt environments for an individual's optimal occupational performance

Learning Objectives

- 3.a. The linked external standards are the focus learning objectives for this competency.

4. Promote development of childhood occupations

Assessment Strategies

- 4.1. through oral, written or graphic assessment

Criteria

You will know you are successful when

- 4.1. you select interventions and assistive technologies that promote the typical developmental sequences
- 4.2. you use context information to guide interventions
- 4.3. you identify impact of physical and psychosocial conditions in childhood occupations
- 4.4. you examine various frames of reference guide intervention and impact the OTA's role
- 4.5. you adapt environments for an individual's optimal occupational performance

Learning Objectives

- 4.a. self care
- 4.b. The linked external standards are the focus learning objectives for this competency.

5. Administer pediatric/school screening and assessment instruments as appropriate to the role of the OTA

Assessment Strategies

- 5.1. by demonstrating skills as specified by the instructor
- 5.2. oral, written, graphic assessments

Criteria

You will know you are successful when

- 5.1. you describe the purpose of a screening and evaluation tools
- 5.2. you document observations of child's skills and behavior

- 5.3. you administer at least one standardized test
- 5.4. you compare norm referenced and criterion referenced assessments

Learning Objectives

- 5.a. The linked external standards are the focus learning objectives for this competency.

6. Implement treatment interventions related to visual and perceptual skills

Assessment Strategies

- 6.1. perform oral, written, graphic assessments

Criteria

You will know you are successful when

- 6.1. you identify the normal sequence of oculomotor development
- 6.2. you describe the impact of visual perceptual deficits on occupational performance
- 6.3. you select, grade and adapt activities and assistive technologies related to identified therapeutic goals
- 6.4. you adapt environments for an individual's optimal occupational performance

Learning Objectives

- 6.a. The linked external standards are the focus learning objectives for this competency.

7. Implement treatment interventions related to cognitive skills

Assessment Strategies

- 7.1. by oral, written or graphic presentation

Criteria

You will know you are successful when

- 7.1. you describe the normal sequence of cognition
- 7.2. you select, grade and adapt interventions and assistive technologies based on cognitive deficits
- 7.3. you identify interventions for the cognitive frames of reference
- 7.4. you adapt environments for an individual's optimal occupational performance

Learning Objectives

- 7.a. The linked external standards are the focus learning objectives for this competency.

8. Demonstrate selected interventions related to sensory skills

Assessment Strategies

- 8.1. oral, written or graphic assessments

Criteria

You will know you are successful when

- 8.1. you describe normal sensory development
- 8.2. you demonstrate interventions and appropriate use of assistive technologies for sensory problems as they affect occupational performance
- 8.3. you identify interventions for the sensory integrative frame of reference
- 8.4. you adapt environments for an individual's optimal occupational performance

Learning Objectives

- 8.a. Positioning
- 8.b. motor learning
- 8.c. neurodevelopment
- 8.d. behavioral
- 8.e. neuro physiological
- 8.f. SI
- 8.g. Adaptations for ADL play, sports, and school activities
- 8.h. SI, Sensory diet, sensory modulation
- 8.i. The linked external standards are the focus learning objectives for this competency.

9. Demonstrate selected interventions related to motor skills

Assessment Strategies

- 9.1. oral, written or graphic assessments

Criteria

You will know you are successful when

- 9.1. you describe normal motor development
- 9.2. you demonstrate interventions and appropriate use of assistive technologies for motor problems as they affect occupational performance
- 9.3. you identify interventions for the motor frames of reference
- 9.4. you adapt environments for an individual's optimal occupational performance

Learning Objectives

- 9.a. neurodevelopmental
- 9.b. positioning
- 9.c. neurophysiological
- 9.d. The linked external standards are the focus learning objectives for this competency.

10. Demonstrate selected interventions related to behavioral skills

Assessment Strategies

- 10.1. through oral, written or graphic assessments
- 10.2. through role or real time situations

Criteria

You will know you are successful when

- 10.1. you compare and contrast developmental sequence related to behavior
- 10.2. you demonstrate behavioral management techniques and appropriate use of assistive technologies as they affect occupational performance
- 10.3. you identify interventions for the behavioral frames of reference
- 10.4. you adapt environments for an individual's optimal occupational performance

Learning Objectives

- 10.a. The linked external standards are the focus learning objectives for this competency.

11. Demonstrate documentation skills related to pediatric practice

Assessment Strategies

- 11.1. through completion of documentation tasks using case study, video, observations or other means
- 11.2. through oral, written or graphic assessments

Criteria

You will know you are successful when

- 11.1. you complete screens, checklists, standardized formats for the pediatric population
- 11.2. you contribute oral or written information to the IFSP (Individual Family Service Plan) and the IEP (Individual Education Plan)
- 11.3. you contribute written documentation for third party payer reimbursement
- 11.4. you write components of a pediatric intervention plan

Learning Objectives

- 11.a. The linked external standards are the focus learning objectives for this competency.