

**Template 2**

# **INFUSION THERAPY PROGRAM SYLLABUS**

**TITLE:**

**FACULTY:**

**SCHEDULE:**

**LENGTH IN HOURS:** Lecture hours: \_\_\_\_\_ Lab hours: \_\_\_\_\_

**DESCRIPTION:**

**OBJECTIVES:** Upon successful completion of this Program, the student will be able to:

- (1) Describe applicable practical nurse law and regulations
- (2) Define infusion therapy and indications.
- (3) Identify the types of vascular access delivery devices.
- (4) State age-related considerations.
- (5) Discuss the legal implications related to infusion therapy.
- (6) Describe components of anatomy and physiology.
- (7) Understand the principles of fluid and electrolyte balance.
- (8) Describe the components of infusion equipment.
- (9) Identify parenteral solutions and their indications.
- (10) Describe infection control and safety considerations.
- (11) Demonstrate insertion of peripheral short catheters.
- (12) Understand complications associated with infusion therapy, drug and solution incompatibilities and appropriate nursing interventions.
- (13) Describe central and peripheral vascular devices.
- (14) Explain the administration, maintenance and monitoring of infusion therapy.
- (15) Demonstrate key elements of documentation.
- (16) State components of patient education.

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**REQUIRED TEXTBOOKS OR OTHER INSTRUCTIONAL MATERIALS:**

**INSTRUCTIONAL STRATEGIES:**

**GRADING REQUIREMENTS:**

**ATTENDANCE REQUIREMENTS:**

**INSTRUCTOR RESPONSIBILITIES:**

**OUTLINE:**

<b>Objective</b>	<b>Detailed description of Content to Meet Each Objective</b>	<b>Resources and Instructional Methods</b>	<b>Assignments/Testing</b>
1. Practical Nursing Law and Regulations	Lecture hours: __ Lab hours: __		
2. Definition of infusion therapy and indications.	Lecture hours: __ Lab hours: __		
3. Types of vascular access delivery devices	Lecture hours: __ Lab hours: __		
4. Age-related considerations.	Lecture hours: __ Lab hours: __		
5. Legal implications for infusion therapy	Lecture hours: __ Lab hours: __		
6. Anatomy and physiology.	Lecture hours: __ Lab hours: __		
7. Fluid and electrolyte balance	Lecture hours: __ Lab hours: __		

8. Components of infusion equipment	<b>Lecture hours: __ Lab hours: __</b>		
9. Parenteral solutions and their indications	<b>Lecture hours: __ Lab hours: __</b>		
10. Infection control and safety considerations	<b>Lecture hours: __ Lab hours: __</b>		
11. Insertion of peripheral short catheters	<b>Lecture hours: __ Lab hours: __</b>		
12. Complications, drug and solution incompatibilities, and appropriate nursing interventions.	<b>Lecture hours: __ Lab hours: __</b>		
13. Central and peripheral vascular devices.	<b>Lecture hours: __ Lab hours: __</b>		
14. Administration, maintenance and monitoring of infusion therapy.	<b>Lecture hours: __ Lab hours: __</b>		
15. Documentation.	<b>Lecture hours: __ Lab hours: __</b>		
16. Patient education	<b>Lecture hours: __ Lab hours: __</b>		

**References:**

(Sample): Gorski L. A., Hadaway L., Hagle M., McGoldrick M., Meyer B., Orr M. (2016a). *Policies and Procedures for Infusion Therapy*, 5th ed. Norwood, MA: Infusion Nurses Society.

Gorski L. A., Hadaway L., Hagle M., McGoldrick M., Orr M., Doellman D. (2016b). 2016 Infusion therapy standards of practice. *Journal of Infusion Nursing*, 39(1 Suppl.), S1–S159. **Infusion Therapy Standards of Practice**