

**Syllabus: HUN6939 Advanced Clinical Nutrition  
Parenteral Nutrition (Borum)  
Spring 2014 - All Sections**

<b>Course Goals</b>	
<b>Goal 1</b>	Familiarize student with the basic metabolic and physiological principles of parenteral nutrition support
<b>Goal 2</b>	Familiarize student with the practical aspects of writing parenteral nutrition orders and administering it in both the hospital and home settings
<b>Goal 3</b>	Develop student's ability to use the Internet as a learning tool for continuous professional development in the field of parenteral nutrition support
<b>Goal 4</b>	Enhance student's skills in presenting nutrition information to professional colleagues and to the general public
<b>Course Objectives - At the conclusion of the course the student will be able to:</b>	
	Discuss principles of parenteral nutrition
	Describe practical aspects of parenteral nutrition in the intensive care unit setting
	Describe practical aspects of parenteral nutrition in the home care setting
	Write parenteral nutrition orders for both adult and pediatric populations
	Discuss parenteral nutrition issues during major organ dysfunction
	Describe the special role of pharmacists in parenteral nutrition support
<b>Instructor Information</b>	
<b>Course Instructor</b>	Peggy R. Borum, Ph.D. Professor of Human Nutrition Room 409 FSHN Bldg. prb@.ufl.edu 392-7553
<b>Office Hours</b>	The course instructor will check email on E Learning approximately every 24 hours during the school week in an effort to respond quickly to individual student questions.
<b>Class Activities to Achieve Objectives</b>	
<b>Project - Review of Electronic Resources</b>	Since most of us use electronic references more than we do heavy books, this course will focus on electronic resources. It is important that you leave this course with a basic knowledge of parenteral nutrition. It is almost equally important that you leave this course knowing where to go to get the information that you need. This project involves the review of several electronic resources. I will suggest some resources to you and look forward to reading in your posts about other sources that you have found helpful. The Electronic Resources Folder on the course homepage in E-Learning Services contains other resources. As you find additional good resources, I will be happy to add them to this folder.
<b>Project -</b>	In a few months you may be providing parenteral nutrition on a daily basis to

<p>Parenteral Nutrition Handbook of the Class of 2014</p>	<p>patients in an intensive care unit or receiving home parenteral nutrition, or you may only occasionally answer the question of a customer who is on home TPN. In all these cases, a booklet of notes that you have created can be very helpful. During this course you will prepare such a booklet divided into the 6 chapters listed below.</p> <ul style="list-style-type: none"> <li>• PNH 2014 Chapter 1 - Malnutrition and Nutrition Assessment of the Hospitalized Patient or Home Care Patient</li> <li>• PNH 2014 Chapter 2 - Requirements of Patients on Parenteral Nutrition</li> <li>• PNH 2014 Chapter 3 - Management of Parenteral Nutrition</li> <li>• PNH 2014 Chapter 4 - Complications of Parenteral Nutrition</li> <li>• PNH 2014 Chapter 5 - Parenteral Nutrition in the Pediatric Population and the Neonatal Intensive Care Unit</li> <li>• PNH 2014 Chapter 6 - Home Parenteral Nutrition</li> </ul>
<p><b>Project</b> - May I speak with the Pharmacist on Call?</p>	<p>This project has 2 objectives. One objective is to provide each student in the class with the opportunity to think about parenteral nutrition issues for a variety of different patients. Each student will answer five calls during the semester. Although each student will have assignments dealing with only five patients, discussions for more patients will be available on the discussion board for review. The second objective is to provide each student with an opportunity to continue to develop skills needed to communicate nutrition information. Each student will be assigned as the TPN pharmacist on call with telephone questions posted by the course instructor.</p>
<p><b>UF Policies and Resources</b></p>	
<p><b>Academic Honesty</b></p>	<p>As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: <i>“We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.”</i> You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: <i>“On my honor, I have neither given nor received unauthorized aid in doing this assignment.”</i> None of the quizzes or exams is open book and you are not allowed to receive assistance from anyone during any quiz or exam. It is assumed that you will complete all work independently in each course. Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: <a href="http://www.dso.ufl.edu/SCCR/honorcodes/honorcode.php">http://www.dso.ufl.edu/SCCR/honorcodes/honorcode.php</a>.</p>

<b>Software Use:</b>	All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.
<b>Campus Helping Resources</b>	<p>Students experiencing crises or personal problems that interfere with their general well-being are encouraged to utilize the university's counseling resources. The Counseling &amp; Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance.</p> <ul style="list-style-type: none"> <li>• <i>University Counseling &amp; Wellness Center, 3190 Radio Road, 352-392-1575, <a href="http://www.counseling.ufl.edu/cwc/">www.counseling.ufl.edu/cwc/</a></i>  Counseling Services  Groups and Workshops  Outreach and Consultation  Self-Help Library  Training Programs  Community Provider Database</li> <li>• <i>Career Resource Center, First Floor JWRU, 392-1601, <a href="http://www.crc.ufl.edu/">www.crc.ufl.edu/</a></i></li> </ul>
<b>Distance Courses</b>	Each online distance learning program has a process for, and will make every attempt to resolve, student complaints within its academic and administrative departments at the program level. See <a href="http://distance.ufl.edu/student-complaints">http://distance.ufl.edu/student-complaints</a> for more details.
<b>General Comments</b>	<p>It is important that you be familiar with the use of Sakai. I suggest that you review the information at <a href="https://lss.at.ufl.edu/help/Student_Faq">https://lss.at.ufl.edu/help/Student_Faq</a></p> <p>If there is a problem with Sakai on the University of Florida end, it is the instructor's problem to fix. If there is a problem with a PC, an internet connection, or errors in the use of Sakai, it is not the instructor's problem to fix and is not a reason for a make-up exam. If you feel that there is a problem during an exam, quiz, or assignment on the UF end, it is important to get documentation that the problem was on the UF end from the HELP desk at 352-392-HELP.</p>
<b>Online Course Evaluation Process</b>	Student assessment of instruction is an important part of efforts to improve teaching and learning. At the end of the semester, students are expected to provide feedback on the quality of instruction in this course using a standard set of university and college criteria. These evaluations are conducted online at <a href="https://evaluations.ufl.edu">https://evaluations.ufl.edu</a> . Evaluations are typically open for students to complete during the last two or three weeks of the semester; students will be notified of the specific times when they are open. Summary results of these assessments are available to students at <a href="https://evaluations.ufl.edu/results">https://evaluations.ufl.edu/results</a> .
<b>Grading Procedures</b>	
<b>Grades and Grade Points</b>	No exams will be given in this course. Grades will be calculated based on the number of points obtained from each class project listed in the Class Schedule below. There will be no curve in this course. Final grades will be simply calculated from the total accumulated points. For information on current UF

	policies for assigning grade points, see <a href="https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx">https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx</a>
<b>Final Grade</b>	<b>Total Points</b>
<b>A</b>	93-100
<b>A-</b>	90-92
<b>B+</b>	87-89
<b>B</b>	83-86
<b>B-</b>	80-82
<b>C+</b>	77-79
<b>C</b>	73-76
<b>C-</b>	70-72
<b>D+</b>	67-69
<b>D</b>	63-66
<b>D-</b>	60-62

<b>Weekly Schedule</b>	
<b>Week 1 – Mar 10 – 14 - (10 points total)</b>	
<b>Review of Electronic Resources</b>	Project must be posted to the appropriate Discussion Tool on E-Learning before noon, Friday, March 14, 2014.
<b>Week 2 – Mar 17 - 21- (10 points total)</b>	
<b>Parenteral Nutrition Handbook – Class of 2014</b>	Parenteral Nutrition Handbook of the Class of 2014 (PNH 2014) Chapter 1 - Malnutrition and Nutrition Assessment of the Hospitalized Patient or Home Care Patient (10 points). Project must be posted to the appropriate Discussion Tool on E-Learning before noon, Friday, March 21, 2014.
<b>Week 3 – Mar 24 - 28- (16 points total)</b>	
<b>Parenteral Nutrition Handbook – Class of 2014</b>	PNH 2014 Chapter 2 - Requirements of Patients on Parenteral Nutrition (12 points) Project must be posted to the appropriate Discussion Tool on E-Learning before noon, Friday, March 28, 2014.
<b>May I Speak With The Pharmacist On Call?</b>	May I speak with the Pharmacist on Call? (see assignment list in table below) (4 Points). Project must be posted to the appropriate Discussion Tool on E-Learning before noon, Friday, March 28, 2014
<b>Week 4 – Mar 31 – Apr 04 - (16 points total)</b>	
<b>Parenteral Nutrition Handbook – Class of 2014</b>	PNH 2014 Chapter 3 - Management of Parenteral Nutrition (12 points) Project must be posted to the appropriate Discussion Tool on E-Learning before noon, Friday, April 04, 2014.
<b>May I Speak With The Pharmacist On Call?</b>	May I speak with the Pharmacist on Call? (see assignment list in table below) (4 Points) Project must be posted to the appropriate Discussion Tool on E-Learning before noon, Friday, April 04, 2014.
<b>Week 5 – Apr 07 – 11- (16 points total)</b>	
<b>Parenteral Nutrition Handbook – Class of 2014</b>	PNH 2014 Chapter 4 - Complications of Parenteral Nutrition (12 points) Project must be posted to the appropriate Discussion Tool on E-Learning before noon, Friday, April 11, 2014.
<b>May I Speak With The Pharmacist On Call?</b>	May I speak with the Pharmacist on Call? (see assignment list in table below) (4 Points) Project must be posted to the appropriate Discussion Tool on E-Learning before noon, Friday, April 11, 2014.
<b>Week 6 – Apr 14 – 18 - (16 points total)</b>	
<b>Parenteral Nutrition Handbook –</b>	PNH 2014 Chapter 5 - Parenteral Nutrition in the Pediatric Population and the Neonatal Intensive Care Unit (12 points) Project must be posted to the appropriate Discussion Tool on E-Learning before noon, Friday, April 18,

<b>Class of 2014</b>	2014.
<b>May I Speak With The Pharmacist On Call?</b>	May I speak with the Pharmacist on Call? (see assignment list in table below)– (4 Points) Project must be posted to the appropriate Discussion Tool on E-Learning before noon, Friday, April 18, 2014.
<b>Week 7 – Apr 21 – 25 - (16 points total)</b>	
<b>Parenteral Nutrition Handbook – Class of 2014</b>	PNH 2014 Chapter 6 - Home Parenteral Nutrition (12 points) Project must be posted to the appropriate Discussion Tool on E-Learning before noon, Friday, April 25, 2014.
<b>May I Speak With The Pharmacist On Call?</b>	May I speak with the Pharmacist on Call? (see assignment list in table below) ( 4 Points) Project must be posted to the appropriate Discussion Tool on E-Learning before noon, Friday, April 25, 2014.
<b>Week 8 – Happy Graduation</b>	

<b>Pharmacist Assigned To Answer Weekly Calls</b>						
<b>Last Name</b>	<b>First Name</b>	<b>Week 3</b>	<b>Week 4</b>	<b>Week 5</b>	<b>Week 6</b>	<b>Week 7</b>
		Caller 01	Caller 20	Caller 39	Caller 58	Caller 77
		Caller 02	Caller 21	Caller 40	Caller 59	Caller 78
		Caller 03	Caller 22	Caller 41	Caller 60	Caller 79
		Caller 04	Caller 23	Caller 42	Caller 61	Caller 80
		Caller 05	Caller 24	Caller 43	Caller 62	Caller 81
		Caller 06	Caller 25	Caller 44	Caller 63	Caller 82
		Caller 07	Caller 26	Caller 45	Caller 64	Caller 83
		Caller 08	Caller 27	Caller 46	Caller 65	Caller 84
		Caller 09	Caller 28	Caller 47	Caller 66	Caller 85
		Caller 10	Caller 29	Caller 48	Caller 67	Caller 86
		Caller 11	Caller 30	Caller 49	Caller 68	Caller 87
		Caller 12	Caller 31	Caller 50	Caller 69	Caller 88
		Caller 13	Caller 32	Caller 51	Caller 70	Caller 89
		Caller 14	Caller 33	Caller 52	Caller 71	Caller 90
		Caller 15	Caller 34	Caller 53	Caller 72	Caller 91
		Caller 16	Caller 35	Caller 54	Caller 73	Caller 92
		Caller 17	Caller 36	Caller 55	Caller 74	Caller 93
		Caller 18	Caller 37	Caller 56	Caller 75	Caller 94
		Caller 19	Caller 38	Caller 57	Caller 76	Caller 95