

# BRIDGING PROGRAM FOR INTERNATIONALLY EDUCATED LAB TECHNOLOGISTS

## BPML 800 SCHEDULE FOR WINTER 2012

START DATE: JANUARY 9, 2012

END DATE: APRIL 22, 2012

\* Theory Classes will be held on weekdays

\*\* Simulated laboratory classes will be held on weekends

WEEK	DATE	DAY	HOURS	Discipline	Theory	Simulated LABs	INSTRUCTOR	ROOM #
<b>WEEK 1</b>	Jan 9, 2012	Monday	18:00 – 21:00	Course Introduction	Course Outline Pre-Assessment Take up for all disciplines		Aruna Kolhatkar	<b>1341</b>
	Jan 10, 2012	Tuesday	18:00 – 21:00	Safety 1	Intro to safety WHMIS Spills Fire safety		Joanne Salines	<b>1341</b>
	Jan 11, 2012	Wednesday	18:00 – 21:00	Safety 2	Biological cabinets Chemical Fume Hoods		Joanne Salines	<b>1341</b>
	Jan 12, 2012	Thursday	18:00 – 21:00	Safety 3	Safe work Practice Exam and Take up		Joanne Salines	<b>1341</b>
	Jan 13, 2012	Friday	18:00 – 21:00	Hematology 1	Instrumentation Overview in Hematology & Hemostasis		Aruna Kolhatkar	<b>1341</b>
	Jan 14, 2012	Saturday	0900-1800	Hematology Week 1- Lab 1		Morphology 1 (RBC Morph) Hematology Analyzer Lab 1 Introduction	Aruna Kolhatkar	<b>1403</b> <b>1436</b>
	Jan 15, 2012	Sunday	1000-1800	Hematology Week 1 – Lab 2		Coagulation Analyzer Introduction Morph 2 Anemias	Aruna Kolhatkar	<b>1403</b> <b>1436</b>

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<b>WEEK 2</b>	Jan 16, 2012	Monday	18:00 – 21:00	Hematology 2	Hematology Case Studies		Aruna Kolhatkar	<b>1341</b>	
	Jan 17, 2012	Tuesday	18:00 – 21:00	Hematology 3	Hemostasis Case Studies		Aruna Kolhatkar	<b>1341</b>	
	Jan 18, 2012	Wednesday	18:00 – 21:00	Hematology 4	Morphology Review		Aruna Kolhatkar	<b>1341</b>	
	<b>Thursday January 19 &amp; Friday January 20, 2012 NO CLASSES</b>								
	Jan 21, 2012	Saturday	0900-1800	Hematology Week 2 - Lab 1		Hematology Analyzer Lab 2 Morphology 3 WBC Anomalies Lympho-proliferative disorders	Aruna Kolhatkar	<b>1403</b> <b>1436</b>	
	Jan 22, 2012	Sunday	1000-1800	Hematology Week 2 - Lab 2		Coagulation Analyzer Lab 2 Morphology 4 Chronic & Acute Leukemias	Aruna Kolhatkar	<b>1403</b> <b>1436</b>	

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<b>WEEK 3</b>	Jan 23, 2012	Monday	18:00 – 21:00	Hematology 5	Hematology Quiz & Take up		Aruna Kolhatkar	<b>1341</b>	
	Jan 24, 2012	Tuesday	18:00 – 21:00	Urine 1	Urinalysis Theory and Applications		Allahna Elahie	<b>1341</b>	
	Jan 25, 2012	Wednesday	18:00 – 21:00	Urine 2	Exam and take up		Allahna Elahie	<b>1341</b>	
	<b>Thursday January 26 &amp; Friday January 27, 2012</b>							<b>NO CLASSES</b>	
	Jan 28, 2012	Saturday	0900-1800	Hematology Week 3 - Lab 1		Morphology Review Practice Lab on Analyzers	Aruna Kolhatkar	<b>1403 1436</b>	
	Jan 29, 2012	Sunday	1000-1800	Hematology Week 3 - Lab 2		Written Exam Morphology Test Analyzer Test Lab	Aruna Kolhatkar	<b>1403 1436</b>	

WEEK	DATE	DAY	HOURS	Discipline	Theory	Simulated LABs	INSTRUCTOR	ROOM #	
<b>WEEK 4</b>	Jan 30, 2012	Monday	18:00 – 21:00	Specimen Collection 1	Blood Collection Technique Overview including relevant regulations;		Petra Sheldrake	<b>1341</b>	
	Jan 31, 2012	Tuesday	18:00 – 21:00	Specimen Collection 2	Blood Collection Pitfalls & final Quiz		Petra Sheldrake	<b>1341</b>	
	Feb 1, 2012	Wednesday	18:00 – 21:00	Microbiology 1	Case studies 1 and discussion		Diaram Deokharan	<b>1341</b>	
	<b>Thursday February 2 &amp; Friday February 3, 2012 NO CLASSES</b>								
	Feb 4, 2012	Saturday	0900-1800	Microbiology Week 1 - Lab 1		Practice Media inoculation Gram Stain Staph ID Strep ID	Diaram Deokharan	<b>1441</b>	
	Feb 5, 2012	Sunday	1000-1800	Microbiology Week 1- Lab 2		Read Grams Read Biochem Perform rapid tests ID organisms Discussion	Diaram Deokharan	<b>1441</b>	

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<b>WEEK 5</b>	Feb 6, 2012	Monday	18:00 – 21:00	Microbiology 2	Case studies 1 and discussion		Diaram Deokharan	<b>1341</b>	
	Feb 7, 2012	Tuesday	18:00 – 21:00	Microbiology 3	Case studies 2 and Exam review topics		Diaram Deokharan	<b>1341</b>	
	Feb 8, 2012	Wednesday	18:00 – 21:00	Microbiology 4	Case studies 2 and Exam review topics /discussion		Diaram Deokharan	<b>1341</b>	
	<b>Thursday February 9 &amp; Friday February 10, 2012 NO CLASSES</b>								
	Feb 11, 2012	Saturday	0900-1800	Microbiology Week 2- Lab 1		Gram positive organisms ID Listeria, Coryne Bacillus Enterobacteriaceae Non fermenters Set up API, Biochmeicals	Diaram Deokharan	<b>1441</b>	
Feb 12, 2012	Sunday	1000-1800	Microbiology Week 2- Lab 2		Organisms ID Read API Discussion	Diaram Deokharan	<b>1441</b>		

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<b>WEEK 6</b>	Feb 13, 2012	Monday	18:00 – 21:00	Microbiology 5	MCQ test and discussion		Diaram Deokharan	<b>1341</b>	
	Feb 14, 2012	Tuesday	18:00 – 21:00	Transfusion Science 1	Immunology ABO Grouping		Joanne Salines	<b>1341</b>	
	Feb 15, 2012	Wednesday	18:00 – 21:00	Transfusion Science 2	Rh Grouping Other Blood Group Systems		Joanne Salines	<b>1341</b>	
	<b>Thursday February 16 &amp; Friday February 17, 2012 NO CLASSES</b>								
	Feb 18, 2012	Saturday	0900-1800	Microbiology Week 3- Lab 1		Yeast and fungus Anaerobes Campylobacter Haemophilus Nisseria Kirby Bauer Gram positive rods		Diaram Deokharan	<b>1441</b>
	Feb 19, 2012	Sunday	1000-1800	Microbiology Week 3- Lab 2		Organisms ID Discussion Final Exam And discussion		Diaram Deokharan	<b>1441</b>

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<b>WEEK 7</b>	<b>Monday February 20, 2012 NO CLASSES</b>							
	Feb 21, 2012	Tuesday	18:00 – 21:00	Transfusion Science 3	Antiglobulin Testing		Joanne Salines	<b>1341</b>
	Feb 22, 2012	Wednesday	18:00 – 21:00	Transfusion Science 4	Intro to Antibody Investigation		Joanne Salines	<b>1341</b>
	Feb 23, 2012	Thursday	18:00 – 21:00	Transfusion Science 5	Antibody Screens, ABID		Allahna Elahie	<b>1341</b>
	<b>Friday February 24, 2012 NO CLASSES</b>							
	Feb 25, 2012	Saturday	0900-1800	Trans Sci Week 1- Lab 1		Prep of Cell Suspensions. Ag/Ab Reactions. ABO Grouping Rh Grouping	Joanne Salines	<b>1025</b>
	Feb 26, 2012	Sunday	1000-1800	Trans Sci Week 1- Lab 2		Antiglobulin Test Subgroups of A ABO Anomalies	Joanne Salines	<b>1025</b>

WEEK	DATE	DAY	HOURS	Discipline	Theory	Simulated LABs	INSTRUCTOR	ROOM #
<b>WEEK 8</b>	Feb 27, 2012	Monday	18:00 – 21:00	Transfusion Science 6	Compatibility Testing, Transfusion Reactions, Blood Product Management		Allahna Elahie	<b>1341</b>
	Feb 28, 2012	Tuesday	18:00 – 21:00	Transfusion Science 7	Theory Exam & Take-Up		Allahna Elahie	<b>1341</b>
	<b>Wednesday February 29, Thursday March 1 &amp; Friday March 2, 2012 NO CLASSES</b>							
	March 3, 2012	Saturday	0900-1800	Transfusion Science Week 2- Lab 1		OBG Systems Phenotyping Antibody Screening & Identification Labs 1, 2, 3	Joanne Salines	<b>1025</b>
	March 4, 2012	Sunday	1000-1800	Transfusion Science Week 2- Lab 2		Antibody Screening & Identification Labs 3 Compatibility Labs	Joanne Salines	<b>1025</b>

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<b>WEEK 9</b>	March 5, 2012	Monday	18:00 – 21:00	Histo-tech 1	Intro, Definitions, Tissue Prep. & Handling, Grossing, Fixation, Decal, Processing, Embedding, Microtomy		Lynn Yawney	<b>1341</b>	
	March 6, 2012	Tuesday	18:00 – 21:00	Histo- tech 2	Mechanisms of stain, Dyes, Staining Principles, H & E		Lynn Yawney	<b>1341</b>	
	March 7, 2012	Wednesday	18:00 – 21:00	Histo- tech 3	Connective Tissue		Lynn Yawney	<b>1341</b>	
	<b>Thursday March 8 &amp; Friday March 9, 2012 NO CLASSES</b>								
	March 10, 2012	Saturday	0900-1800	Trans Sci Week 3- Lab 1		Transfusion Reaction Investigation Lab 1  HDN Labs 1,2,3		Allahna Elahie	<b>1025</b>
	March 11, 2012	Sunday	1000-1800	Trans Sci Week 3- Lab 2		HDN Labs 1,2,3, continued  Exam and take up		Allahna Elahie	<b>1025</b>

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<b>WEEK 10</b>	March 12, 2012	Monday	18:00 – 21:00	Histo- tech 4	Acid Fast, Bacteria, CHO, pigments amyloid and lipids		Lynn Yawney	<b>1341</b>
	March 13, 2012	Tuesday	18:00 – 21:00	Histo- tech 5	Test Gen Questions and answers		Lynn Yawney	<b>1341</b>
	<b>Wednesday March 14, Thursday March 15, &amp; Friday March 16, 2012 NO CLASSES</b>							
	March 17, 2012	Saturday	0900-1800	Histo-tech Week 1- Lab 1		Grossing and tissue processing Intro into embed & Cut	Rachel Peters	<b>1403 1408 1424</b>
	March 18, 2012	Sunday	1000-1800	Histo-tech Week 1- Lab 2		Embed and Cut	Rachel Peters	<b>1403 1408 1424</b>

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<b>WEEK 11</b>	March 19, 2012	Monday	18:00 – 21:00	Molecular Techniques	PCR Methodology		Lisa Rosenberg	<b>1341</b>	
	March 20, 2012	Tuesday	18:00 – 21:00	Quality Assurance 1 Chem	QA Intro / Chemistry Lecture		Allahna Elahie	<b>1341</b>	
	March 21, 2012	Wednesday	18:00 – 21:00	Quality Assurance 2 Micro	QA lecture in clinical microbiology – what happens preanalytical / analytical / post-analytical		Angelo DiNardo	<b>1341</b>	
	<b>Thursday March 22 &amp; Friday March 23, 2012</b>							<b>NO CLASSES</b>	
	March 24, 2012	Saturday	0900-1800	Histo-tech Week 2- Lab 1		Cut Lab Quiz	Rachel Peters	<b>1403 1408 1424</b>	
	March 25, 2012	Sunday	1000-1800	Histo-tech Week 2- Lab 2		H&E, PAS/PAS-D PPB, ZN, Retic, Gram Lab Quiz	Rachel Peters	<b>1403 1408 1424</b>	

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<b>WEEK 12</b>	March 26, 2012	Monday	18:00 – 21:00	Quality Assurance 3 TS			Joanne Salines	<b>1341</b>
	March 27, 2012	Tuesday	18:00 – 21:00	Quality Assurance 4 (Hem & Histo)			Histo Lynn Yawney 1.5 hrs (6-7:30 PM) Hem Joanne Salines 1.5 Hrs (7:30 – 9 PM)	<b>1341</b>
	March 28, 2012	Wednesday	18:00 – 21:00	Quality Assurance 5 Exam	QA Exam and Take up		Allahna Elahie	<b>1341</b>
	<b>Thursday March 29 &amp; Friday March 30, 2012 NO CLASSES</b>							
	March 31, 2012	Saturday	0900-1800	Histo-technology Week 3- Lab 1		Trichrome, VVG, GMS, Toluidine Blue, Congo Red Lab Quiz	Rachel Peters	<b>1403 1408 1424</b>
	April 1, 2012	Sunday	1000-1800	Histo-technology Week 3- Lab 2		Rapid H&E Oil Red O Lab Test	Rachel Peters	<b>1403 1408 1424</b>

WEEK	DATE	DAY	HOURS	Discipline	Theory	Simulated LABs	INSTRUCTOR	ROOM #	
<b>WEEK 13</b>	April 2, 2012	Monday	18:00 – 21:00	Chemistry 1	Principles of Biochemical Analysis		Geeta Seocharan	<b>1341</b>	
	April 3, 2012	Tuesday	18:00 – 21:00	Chemistry 2	Clinical Instrumentation Interpretation & Correlation- Case Studies		Geeta Seocharan	<b>1341</b>	
	April 4, 2012	Wednesday	18:00 – 21:00	Chemistry 3	Interpretation & Correlation- Case Studies		Geeta Seocharan	<b>1341</b>	
	<b>Thursday April 5 &amp; Friday April 6, 2012 NO CLASSES</b>								
	April 7, 2012	Saturday	0900-1800	Chemistry Week 1- Lab 1		QC application in the Chemistry Lab Blood Gas analysis – Instrumentation overview and practice lab 1		Geeta Seocharan	<b>725</b>
	April 8, 2012	Sunday	1000-1800	Chemistry Week 1- Lab 2		Blood Gas Practical Evaluation – Individual Lab; Vitros 250 Instrumentation overview and practice lab 1		Geeta Seocharan	<b>725</b>

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<b>WEEK 14</b>	April 9, 2012	Monday	18:00 – 21:00	Chemistry 4	Interpretation & Correlation Case Studies		Geeta Seocharan	<b>1341</b>
	April 10, 2012	Tuesday	18:00 – 21:00	Chemistry 5	Exam & Take-up		Geeta Seocharan	<b>1341</b>
	<b>Wednesday April 11, Thursday April 12, &amp; Friday April 13, 2012 NO CLASSES</b>							
	April 14, 2012	Saturday	0900-1800	Chemistry Week 2- Lab 1		CX4 Instrumentation overview and practice lab 1; Vitros 250 practice lab 2	Roy Augustin	<b>725</b>
	April 15, 2012	Sunday	1000-1800	Chemistry Week 2- Lab 2		CX4 practice lab 2; Vitros 250 practice lab 3	Roy Augustin	<b>725</b>

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<b>WEEK 15</b>	April 16, 2012	Monday	18:00 – 20:00	CSMLS/ CMLTO Presentations			To be confirmed  Aruna Kolhatkar	<b>1341</b>	
	<b>Tuesday April 17 &amp; Wednesday April 18, 2012</b>							<b>NO CLASSES</b>	
	April 19, 2012	Thursday	18:00 – 21:00	<b>Final Exam</b>	Multi-disciplinary End of Course Exam		Aruna Kolhatkar	<b>1341</b>	
	April 20, 2012	Friday	18:00 – 21:00	<b>Final Exam Take up</b>	Discussion based on the Final Exam Questions		Aruna Kolhatkar	<b>1341</b>	
	April 21, 2012	Saturday	0900-1800	Chemistry Week 3- Lab 1		CX4 practice lab 3; Urinalysis & Osmometry practice lab	Roy Augustin	<b>725</b>	
	April 22, 2012	Sunday	1000-1800	Chemistry Week 3- Lab 2		Access Instrumentation Overview and TSH lab; Final Written Quiz; Final Individual Lab	Roy Augustin	<b>725</b>	
<b>TOTAL HOURS (Theory 131 Hours; Labs 225 Hours)</b>						<b>TOTAL COURSE HOURS 356</b>			