

## STUDY GUIDE MAP FOR CERTIFIED PACS SYSTEM ANALYST (CPSA)

TABLE OF CONTENTS		ASRT Credits	PARCA-REQ	CD	SLIDES NOS	BOOK	CHAPTER	SECTIONS	SUB-SECTION	PAGES	SESSION DURATION (Hrs)
<b>1 PACS overview</b>											
1.1	Introduction to PACS			Introduction to PACS -(P102)	6,7	PACS Fundamentals	1	1.1		11-12	1
1.2	PACS through the years and characteristics of PACS			Introduction to PACS -(P102)	9-14	PACS Fundamentals	1	1.2		13-15	1
1.3	Productive impact			Introduction to PACS -(P102)	15-18						1
1.4	PACS providers			Introduction to PACS -(P102)	19-22						1
1.5	Lessons learned					PACS Fundamentals	1	1.3		16-19	1
1.6	PACS architecture and components		1.1	Introduction to PACS -(P102)	8	PACS Fundamentals	2	2.1	2.1.A	21-24	2
1.7	Architecture		1.2	Introduction to PACS -(P102)	8	PACS Fundamentals	2	2.3	2.3.2	37	1
			2				2.1	c	25-26	1	
1.8	Acquisition rate and typical data generation		1.3	Introduction to PACS -(P102)	26-29	PACS Fundamentals	2	2.4	2.4.1	49-51	1
1.9	Communication		1.4	Introduction to PACS -(P102)	51-56	PACS Fundamentals	2	2.5		62-64	2
										<b>Total Hours</b>	<b>12</b>
<b>2 PACS components, acquisition and viewing</b>											
				<b>CD</b>	<b>SLIDES NOS</b>	<b>BOOK</b>	<b>CHAPTER</b>	<b>SECTIONS</b>	<b>SUB-SECTION</b>	<b>PAGES</b>	
2.1	Image acquisition		2.1			PACS Fundamentals	2	2.2		28-31	1
2.2	CR/DR		2.2	Digital Acquisition CR/DR (P203)	6-21	PACS Fundamentals	3	3.3	3.3.1, 3.3.2	102-107	4
					29-48	PACS Fundamentals	1	1.3		17	5
2.3	Image viewing general		2.3			PACS Fundamentals	2	2.3	2.3.1	32-35	1
2.4	Workstation requirements		2.4	Introduction to PACS -(P102)	43-46	PACS Fundamentals	2	2.3	2.3.2	36-39	2
2.5	Viewing functionality		2.5	Introduction to PACS -(P102)	47-49	PACS Fundamentals	2	2.3	2.3.3	40-47	3
							2	2.1	2.1.A	24	1
2.6	Printers			Introduction to PACS -(P102)	50	PACS Fundamentals	2	2.3	2.3.3	47	1
										<b>Total Hours</b>	<b>18</b>
<b>3 PACS components, Image Archiving:</b>											
				<b>CD</b>	<b>SLIDES NOS</b>	<b>BOOK</b>	<b>CHAPTER</b>	<b>SECTIONS</b>	<b>SUB-SECTION</b>	<b>PAGES</b>	
3.1	Archiving components		3.1	Introduction to PACS -(P102)	33-37	PACS Fundamentals	2	2.4	2.4.1	48-52	2
3.2	Storage technology		3.2	Introduction to PACS -(P102)	38-41	PACS Fundamentals	2	2.4	2.4.2	53-56	2
								2	2.4	2.4.3	57-58
3.3	Exchange media		3.3			PACS Fundamentals	2	2.1	2.1.A	24	1
3.4	ASP services		3.4			PACS Fundamentals	2	2.4	2.4.4	59-61	1
3.5	DB integrity and maintenance		3.5			PACS Fundamentals	6	6.2	3	177	1
										<b>Total Hours</b>	<b>9</b>
<b>4 Integration:</b>											
				<b>CD</b>	<b>SLIDES NOS</b>	<b>BOOK</b>	<b>CHAPTER</b>	<b>SECTIONS</b>	<b>SUB-SECTION</b>	<b>PAGES</b>	
4.1	Different levels of integration		4.1			PACS Fundamentals	2	2.6	2.6.1	65-69	2
4.2	Modality integration		4.2	Introduction to PACS -(P102)	30-32	PACS Fundamentals	2	2.6	2.6.2	70-74	2
4.3	HIS/RIS/PACS integration		4.3			PACS Fundamentals	2	2.6	2.6.3	75-77	1
4.4	Workflow integration					PACS Fundamentals	2	2.6	2.6.4	78-80	1
4.5	Report integration and speech recognition		4.4			PACS Fundamentals	5	5.2	5.2.1	160-162	1
4.6	Electronic Health Record		4.5			PACS Fundamentals	5	5.3		166-169	1
4.7	IHE and IHE Integration profiles		4.6			PACS Fundamentals	4	4.4	4.4.1	136-146	3
4.8	IHE IT infrastructure					PACS Fundamentals	4	4.4	4.4.3	147-148	1
										<b>Total Hours</b>	<b>12</b>

