



**J2i Study Abroad Training Program
ソフトウェア開発コース
(Software Development)**

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期 間		学 習 内 容
Term - 1	4ヶ月	Computer Architecture
		Productivity Tools (MS Word, MS Excel, MS PowerPoint)
		Linux Uses
		Introduction to C Programming
		Logic Building & Writing Algorithms
		Discrete Maths
		Internet Essentials - HTML
Term - 2	4ヶ月	Advanced C Programming
		Principles of Programming languages
		Database Management Systems using SQL
		Communication Skills
		Software Engineering Principles
		Linux Tools - SED, AWK, etc.
		Operating Systems
		Seminar
Term - 3	4ヶ月	Theory of Computer Science
		Numerical Computation Programming
		Network Essentials
		Data Structures
		Business Information Systems
		Project in C
Term - 4	4ヶ月	Seminar
		Advanced Algorithms
		C++
		Java Basics
		Oracle
		Requirements Analysis & Design
		Business Management
Business English		
Term - 5	4ヶ月	Advanced Java
		XML
		Unix Internals
		OOAD using UML
		Software Testing Methodologies
		User Interface Design using VB
		MIS
		Technical Writing
Term - 6	4ヶ月	Advanced XML
		Distributed Application Architecture Using CORBA
		Design Patterns
		Data Warehousing & Data Mining
		Finance
		Pilot Project
		Customer Focus
		Workshop: Current Trends