

**University of Redlands
Whitehead College**

Program	Course No.	Course Title	PC & MS Windows Literacy	MS Office				Telecommunications/Internet		
			Type of Application	Sub-Type of Application				e-mail/PIM	Browser	HTML editor
			Software Package	Word	Excel	PowerPoint	Access	Outlook	Netscape Comm./Internet Explorer	FrontPage
BSBAM	BUAD 430	Business Information Systems	X	X	X	X		X	X	
BSBAM	ISYS 100	Computer Literacy	X	X	X	X		X	X	
BSIS	ISYS 219	Fundamentals of Structured Programming with C	X	X		X		X	X	
BSIS	ISYS 312	Productivity with Information Technology	X	X	X	X	X	X	X	X
BSIS	ISYS 317	Introduction to Programming Techniques	X	X		X		X	X	
BSIS	ISYS 318	Database Concepts	X	X		X	X	X	X	
BSIS	ISYS 327	Telecommunications, Information, and New Media	X	X		X		X	X	X
BSIS	ISYS 365	Geographic Information Systems	X	X		X		X	X	X
BSIS	ISYS 404	Systems Analysis and Design	X	X	X	X		X	X	
BSIS	ISYS 415	Computer Ethics	X	X		X		X	X	
BSIS	ISYS 425	Management and Decision Systems	X	X	X	X		X	X	
BSIS	ISYS 488/489	Applied Software Development Project I-II	X	X	X	X	X	X	X	X
BSIS	MTHW 303	Mathematical Applications for Information Systems	X	X	X	X		X	X	
MBA/IS	ISYS 603	Database Management & Design	X	X		X	X	X	X	
MBA/IS	ISYS 604	Systems Analysis & Design for Management	X	X	X	X		X	X	
MBA/IS	ISYS 605	Telecommunications and Electronic Commerce	X	X	X	X		X	X	X
MBA/IS	ISYS 606	Management and Information Systems	X	X	X	X		X	X	
MBA/IS	ISYS 610	Information Systems, Topics & Current Issues for Mgmt	X	X	X	X		X	X	
MBA/IS	ISYS 626	Management of Information Systems Life Cycle	X	X	X	X		X	X	
MBA/IS	ISYS 696	Management of Data Resources	X	X		X	X	X	X	
MA/IS	MGMT 691/692	Information Technology I/II	X	X		X		X	X	
MSIT	TCOM 611	Telecommunications Policies	X	X		X		X	X	
MSIT	TCOM 614	Introduction to Telecommunications	X	X		X		X	X	X
MSIT	TCOM 621	Programming Languages for Telecommunications	X	X		X		X	X	X
MSIT	TCOM 622	User Interface Design	X	X		X		X	X	X
MSIT	TCOM 633	Local Telecommunications Infrastructure	X	X		X		X	X	X
MSIT	TCOM 640	Electronic Commerce	X	X		X		X	X	X
MSIT	TCOM 651	Development of Information Services	X	X		X		X	X	X
MSIT	TCOM 654	Management of Telecommunications Infrastructure	X	X	X	X		X	X	X
MSIT	TCOM 660	Knowledge Management & Telecommunications Strategy	X	X	X	X		X	X	X
MSIT	TCOM 663	Emerging Technologies	X	X		X		X	X	X
MSIT	TCOM 664	Telecommunications Project/Practicum	X	X	X	X	X	X	X	X

Notes, details, observations:

01. Programming courses are using an integrated package: Microsoft Visual Studio 6.0.
02. General purpose (productivity) applications software is delivered through an integrated package: Microsoft Office '97.
03. The standard operating systems is Microsoft Win NT 4.0 (client, workstation version).
04. Personal Information Management (PIM) is delivered through Microsoft Outlook '97 (e-mail, calendar, "to do" list, etc.).
05. For building Web pages, the HTML editor options are: Netscape 4.*, Internet Explorer 4.*, Office '97 (save as .html option).
06. More specialized Web pages design can be done via Microsoft Front Page '98, or similar package (optional).
07. For the SDLC (Software Development Life Cycle) modeling, the CASE tools are: Systems Archi
08. For general drawing, flowcharting, diagramming needs options are: Microsoft PowerPoint, MS Dr
09. For Math formulas, students can use Microsoft Equation Editor.
10. For Statistics needs, SPSS 7.5 or Microsoft Excel can be used.
11. For project management Microsoft Project 98 is suggested.
12. For configuration change control and management Microsoft SafeSource is recommended. It ca
13. The computer laboratories are equipped with PCs, Pentium class, medium configuration.

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Programming (Visual Studio)				SDLC Modeling	Drawing/ Flowcharting	Configuration Management	Project Management	Applied Mathematics	Statistics	Geographic Information Systems
				CASE Technology						
C/C++	Visual Basic	FoxPro	J++	Systems Architect/ Salsa	Visio/MS Draw/ PowerPoint	SourceSafe	Project 98	MS Equation Editor	SPSS/ Excel	ARCView
X					X	X				
					X	X				
	X				X	X				
	X	X		X	X	X				
			X		X	X				
				X	X	X	X			X
							X			
				X			X		X	
X	X	X	X	X	X	X	X		X	X
								X	X	
		X		X	X		X			
				X	X		X			
			X	X	X		X			
				X	X		X			
				X	X		X			
				X	X		X			
				X	X		X			
				X	X		X			
				X	X		X			
				X	X		X			
			X	X	X	X	X			
	X		X	X	X	X	X			
				X	X		X			
			X	X	X	X	X			
				X	X	X	X			
				X	X		X			
			X	X	X		X		X	
			X	X	X	X	X		X	

text ('87 version) and Salsa (database modeling).
raw, Visio or alike (optional).

14. For the GIS course, ArcView is the minimum required.

15. Software packages needs for the MSIT program are **tentative** in nature.

They require further selection and implementation in the coming months.

16. The above list of software packages are the **recommended standard**. However, students are "free" to use other or similar packages.

That being the case, there is no support from either faculty nor AFCA as far as help or tutoring.

an be purchased as an add-on to the Visual Studio.