

# Business & Public Services

## Computer Information Systems

### 2010-2011 Planning Guide

Course Number	Course Title	Credit	Fall 2010	Winter 2011	Spring 2011	Summer 2011
CIS 100	CIS Student Orientation for Success	2	D E	D E	D E	E
CIS 107	Introduction to Operating System	3	D E I	D E I	D E I	D E
CIS 111	Intro Prob. Solving & Comp Program	4	D E	D E	D E	D E
CIS 112	Object Oriented Concepts	3	I	I	E I	E
CIS 130	Introduction Web Development	3	D E I	D E I	D E I	E I
CIS 131	Intermediate Web Development	3		E		
CIS 134	Web Animation	3	<b>Under Revision</b>			
<b>CIS 136</b>	<b>Introduction to XHTML</b>	<b>NOT OFFERED.....BEING DEACTIVATED.....</b>				
CIS 137	XHTML/JavaScript	3	DI	E I	D I	I
<b>CIS 138</b>	<b>Advanced Macromedia Flash</b>	<b>NOT OFFERED.....BEING DEACTIVATED.....</b>				
CIS 147	Visual Basic Programming I	4	E I	I	I	
CIS 148	Advanced Visual Basic.Net	<b>NOT OFFERED.....BEING DEACTIVATED.....</b>				
CIS 162	MS Troubleshoot & Problem. Solving	3	E			
CIS 164	Introduction User Support	3	E	D		
CIS 166	User Support Tools & Techniques	3			E	
CIS 206	Network Security I	3	E	D		
CIS 207	Network Security II	3		E	D	
CIS 210	Computer Systems Analysis	3	D E I	D E I	D E I	I
CIS 212*	Windows Application Infrastructure	4			tbd	
CIS 213*	Windows Server Enterprise Administrator	4			tbd	
CIS 214*	Winters Server Administrator	4			tbd	
CIS 223	Extensible Markup Language	3		E		I
CIS 224	Web Server Administration & Security	3			E	
CIS 225	Operating Systems Troubleshooting	3	D E	D E	D E	E
CIS 230	Computer Networks	3	D E	D W	D E	E
CIS 231	Fundamental Linux Operating System	3	D E		E	
CIS 232	Intermediate Linux	3		E		
CIS 233	C++ Programming I	4	D	E	D I	I
CIS 234	C++ Programming II	4		D E		
CIS 236	C++ Programming III	4			E	
CIS 238	PC Installation Management	4	E	D E	D E	D
CIS 241	Cisco Networking Fundamentals	7	D E		E	
CIS 242	Cisco Router Fundamentals	7	E	D E		E
CIS 243	Cisco Routing in LANS	7	E		D E	
CIS 244	Cisco Routing in WANS	7		E		E

#### Tips for Academic Success

Go to the Web Advisor for your degree audit

- ✓ Use the Planning Guide to assist in completing the remaining course work.
- ✓ Discuss your questions with a CIS faculty member, Department Chair, or Academic Advisor. When seeking advice, don't rely on your friends.
- ✓ Use the scheduling tips checklist on the **Returning Students** page at: [www.sinclair.edu/academics/bps](http://www.sinclair.edu/academics/bps).

**PLANNING GUIDE NOTES: D = Day, E = Evening, W = Weekend, I = Internet**  
**This planning guide is not a guarantee. Subject to change when necessary.**

**SEE REVERSE SIDE FOR  
 MORE COURSE  
 INFORMATION**

Revised May 2010

\* Server 2008

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CIS 251	Php Web Programming	3		E		
CIS 253	Securing a WIN Network Environment	4		E	E	
CIS 255	Securing Unix/Linux Operating Systems	4				
CIS 259	Design Security for WIN Networks	4			E	
CIS 260	MS Exchange Server	4				
CIS 261	C#	4	E		E	
CIS 264	A+ Certification	4	E	D	D E	D
CIS 265	Database Management Systems	3	D E I	D E I	D E I	E I
CIS 268	Introduction to Oracle: SQL & PL/SQL	3	E		E	
CIS 269	Data Analytics Theory and Solutions	4				
CIS 271	Admin. MS Client Operating Systems	4	D	E	D	E
CIS 272	MS WIN Server Operating Systems	4	D	E		
CIS 273*	Managing a WIN Network Infrastructure	4	(2003) E	(2003)D, (2008) E	(2008) E	
CIS 274*	WIN Directory Services Administration	4	(2003) E	(2003)D, (2008) E	(2008) E	
CIS 275	Design WIN Active Dir. & Net. Infrastructure	4				
CIS 277	Plan a WIN Network Infrastructure	4				
CIS 278	CIS Capstone	4	<b>SEE CURRENT COURSE SCHEDULE</b>			
CIS 279	MS SQL Server Administration	4		W	E	
CIS 280	Java Programming I	4	D E	E	E	E
CIS 281	Java Programming II	4		E		
CIS 284	Client/Server Web Tools	3			E	
CIS 285	Web Application Development with Java	4			E	
CIS 297	Special Topics		<b>SEE CURRENT COURSE SCHEDULE</b>			

\* CIS 273 and 274: Fall 2010 will be Server 2003, Winter 2011 will have one class for Server 2003 and one class for Server 2008, Spring 2011 will be all Server 2008

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