Illinois Institute of Technology
Bachelor of Information Technology and Management Transfer Guideline
(312) 567-5290

For students attending: *College of DuPage*

Who plan to major in: *Information Technology & Management*

Applied Cybersecurity & Information Technology

Any CIS or CIT courses not listed may be applied as free elective credit at the discretion of IIT Undergraduate Academic Affairs.

COD CS #	COD Course Title	Hours	ITM Transfer Evaluation
CIS 1150	Understand Computers/Information/Systems	3.0	ITM 100 (only if CIS 1110 is also completed)
CIS 1180	Introduction to Networking	3.0	ITMO Elective
CIS 1450	Introduction to Linux/Unix Operating Systems	3.0	ITMO 456
CIS 1510	Graphical User Interface Programming	4.0	ITMD Elective
CIS 1600	Fundamental Principles Operating Systems	3.0	ITMO Elective
CIS 1670	Planning a Microsoft Win Server Network	3.0	ITMO 433 (ITMO Elective)
CIS 1820	Selected Topics II	1.0 to 3.0	Evaluate case-by-case
CIS 1840	Independent Study – Individualized	1.0 to 4.0	Evaluate case-by-case
CIS 2220	Game Programming Using C++	4.0	ITM 312
CIS 2250	Multiplatform Game Programming	3.0	ITMD Elective
CIS 2252	Advanced Multiplatform Game Programming	3.0	ITMD Elective
CIS 2320	JavaScript and Advanced HTML	3.0	ITMD 361
CIS 2330	Introduction to XML	3.0	ITMD Elective
CIS 2331	Advanced XML	3.0	ITMD Elective
CIS 2335	AJAX	4.0	ITMD Elective
CIS 2340	Common Gateway Interface (CGI)/Perl	4.0	ITMD Elective
CIS 2360	Intro to PHP Programming Language	4.0	ITMD Elective
CIS 2420	Microprocessor Assembly Language	4.0	ITMD Elective
CIS 2430	Mainframe Assembly Language	4.0	ITMD Elective
CIS 2440	Shell Programming for UNIX/LINUX	3.0	ITMO 417
CIS 2455	LINUX System Administration	3.0	ITMO Elective
CIS 2485	C++ for Science and Engineering	3.0	ITM 312
CIS 2510	Advanced Graphical User Interface Programming	4.0	ITMD Elective
CIS 2531	Introduction to Python Programming	4.0	ITM 313
CIS 2532	Advanced Python Programming	4.0	ITM 413
CIS 2541	C++ Language Programming	4.0	ITM 312
CIS 2542	Advanced C++ with Data Structure Applications	4.0	ITMD 412 (ITM Elective)
CIS 2551	Introduction to MS Visual C++ .NET Programming	4.0	ITM Elective
CIS 2552	Object-oriented Program Development with VC++ .NET	4.0	ITM Elective
CIS 2561	Introduction to C# .NET	4.0	ITM 463 (ITM Elective)
CIS 2562	Advanced C# Programming	4.0	ITM 464 (ITM Elective)
CIS 2571	Introduction to Java	4.0	ITM 311
CIS 2572	Collections in Java	4.0	ITMD 411
CIS 2573	Advanced Java Technologies	4.0	ITMD Elective
CIS 2591	Objective C	4.0	ITMD Elective
CIS 2592	iPhone/iPad Development	4.0	ITMD 454
CIS 2593	Android Application Development	4.0	ITMD 455
CIS 2594	Adv iPhone/iPad Application Development	4.0	ITMD Elective
CIS 2595	Advanced Android Application Development	4.0	ITMD Elective
CIS 2610	Network Security	3.0	ITMS Elective
CIS 2630	MS SQL Server Administration	3.0	ITMD Elective
CIS 2720	Structured Query Language (SQL) I	3.0	ITMD 421

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COD CS #	COD Course Title	Hours	ITM Transfer Evaluation
CIS 2725	Enterprise SQL Application	3.0	ITMD 422 (ITM Elective)
CIS 2730	Enterprise Database Development	3.0	ITMD 422 (ITM Elective)
CIS 2735	Data Analytics and Visualization	4.0	ITMD Elective
CIS 2770	Introduction to System Analysis and Design	3.0	ITMD Elective
CIS 2790	Systems Analyst Simulation	3.0	ITMD Elective
CIS 2840	Experimental/Pilot Class	1.0 to 6.0	Evaluate case-by-case
CIT 1112	Advanced System Maintenance	3.0	ITM 301
CIT 1113	Advanced Computer Maintenance Tools	3.0	ITMO Elective
CIT 1114	Apple MacOS Maintenance/Troubleshooting	3.0	ITMO Elective
CIT 1123	Scaling Networks	3.0	ITMO Elective
CIT 1124	Connecting Networks	3.0	ITMO Elective
CIT 1151	Wireless Network Administration	3.0	ITMO Elective
CIT 1613	Enterprise Desktop PC Support Technician	3.0	ITMO Elective
CIT 1640	Security+	3.0	ITMS 478 (ITMS Elective)
CIT 1645	Internet Telephony	3.0	ITMO 446 (ITMO Elective)
CIT 1650	IT Project Plus	3.0	ITMM 471
CIT 1825	Selected Topics	2.0	Evaluate case-by-case
CIT 1840	Independent Study - Individualized	1.0 to 4.0	Evaluate case-by-case
CIT 2175	Information Storage and Management	3.0	ITMO Elective
CIT 2243	Cisco Certified Network Professional-SWITCH	3.0	ITMO Elective
CIT 2244	Cisco Certified Network Professional-TSHOOT	3.0	ITMO Elective
CIT 2251	CCNA Security	3.0	ITMS Elective
CIT 2410	CCNA Voice	3.0	ITMO Elective
CIT 2640	Ethical Hacking	3.0	ITMS 443 (ITMS Elective)
CIT 2651	Computer Forensics I	3.0	ITMS Elective
CIT 2652	Computer Forensics II	3.0	ITMS 438 (ITMS Elective)
CIT 2840	Experimental/Pilot Class	1.0 to 4.0	Evaluate case-by-case

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