

Parkland College and University of Illinois at Springfield
Transfer Guide
From A.A.S. in Network System Administrator
to B.S. in Computer Science

Parkland College

First Semester

CIS 111 Information Technology Careers Overview	1
CSC128 Introduction to Linux	3
CSC 130 Introduction to Computer Networks	3
CSC 133 PC Hardware & OS Maintenance	4
ENG 101 Composition I*	3
MAT 108 Intro to Applied Statistics*	3
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Second Semester

CSC 115 Networking I, Routers & Switches	3
CSC 116 Networking II, WAN Connections	3
CSC 136 Network Documentation	1
CSC 151 MS Network OS Workstation	3
CSC 153 MS Network OS Server	3
ENG 102 Composition II*	3
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Summer after the Second Semester

SPE 101 Intro Speech Communication*	3
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Third Semester

CSC 140 Java Programming with Object Oriented Design (replaces CSC 123)	3
CSC 150 Wireless Networking for Technicians	3
CSC 155 CGI with Perl	3
CSC 158 MS Network Security Design	2
CSC 159 MS Network Management	3
CSC 171 Linux Installation and Administration	3
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Fourth Semester

MAT 128 Calculus I (replaces CIS 297 and 298)*	5
CSC 256 Advanced Java with Networking (replaces CSC 216)	3
CSC 251 Advanced Topics in Computer Security	3
CSC 271 Linux Networking & Security	3
Social/Behavioral Science (IAI)*	3
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*Must be completed with grade of "C" or better

Note: CIS 297 and CIS 298 are not required for students transferring to UIS

Total: 70 Semester hours

University of Illinois at Springfield

Core CS Requirements at UIS (Total: 24 hours)

CSC 376 (Computer Organization), CSC 385 (Data Structures and Algorithm), CSC 387 (Foundation of Computer Science), CSC 388 (Programming Languages), CSC 389 (Intro to Operating Systems), CSC 478 (SW Engineering Capstone)

Other Required Courses (Total: 39 hours)

MAT 302 (4 hours), 1-Lab Science (4 hours), 1-Non-Lab Science (3 hours), 2-Social/Behavioral Science (6 hours), 3-Humanities (9 hours), ECCE Courses (13 hours)

Total: 63 Semester hours

Program Total: 133 Semester hours

For more information about:

UIS Admissions: Dennis Frueh, Assistant Director, frueh.dennis@uis.edu, 217.206.7285

UIS Online Program Admissions: Barb Selvaggio, Online Program Coordinator-CS, csconline@uis.edu, 217.206.6420