

**Parkland College and Southern Illinois University-Carbondale  
Transfer Guide  
From A.A.S. in Programming / Database Management  
to B.S. in Information Systems Technologies (IST)**

**Parkland College**

**First Semester**

CIS 101 Introduction to Computers <i>or</i> CIS 200 Business Computer Systems	3
CIS 111 Information Technology Careers Overview	1
CIS 137 Operating System Concepts	3
CSC 123 Computer Science I (C/C++)	4
ENG 101 Composition I*	3
MAT 108 Statistics*	<u>3</u>
	<b>17</b>

**Second Semester**

CIS 138 Database Applications (MS Access)	3
CIS 211 Visual Basic Programming	3
CSC 128 Introduction to Linux	3
CSC 176 Database Theory	3
CTC 174 Spreadsheet Applications I	1
ENG 102 Composition II*	<u>3</u>
	<b>16</b>

**Summer after the Second Semester**

SPE 101 Intro Speech Communication*	3
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**Third Semester**

CIS 238 Database Application Development	3
CIS 297 Job Seminar	1
CSC 140 Java Programming with Object-Oriented Design	3
CSC 191 Oracle I: SQL	4
CSC 192 Oracle II: Database Administration	<u>4</u>
	<b>15</b>

**Fourth Semester**

CIS 152 Web Design I	3
CIS 231 System Analysis, Design, and Administration	3
CSC 130 Introduction to Computer Networks (replaces CIS 298)	3
CSC 256 Advanced Java with Networking	3
Soc./Beh. Science or Humanities/Fine Arts (IAI)*	<u>3</u>
	<b>15</b>

\*Must be completed with grade of "C" or better

**Note: CIS 298 is not required for students transferring to SIUC**

**Total: 66 Semester hours**

**Southern Illinois University-Carbondale**

**Capstone Requirements at SIUC**

Approved IST Prerequisites (0-3 hours)  
University Core Curriculum (18 hours)  
Core IST Requirements (28 hours)  
Approved Specialized Electives (12 hours)

**Total: 58-61 Semester hours**

**Program Total: 124-127 Semester hours**

Please see next page for additional information >>>

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**page 2**

**Additional details and explanations:**

1. Parkland graduates with an **A.A.S. in Network System Administrator** who are admitted to SIUC and meet ISAT enrollment management guidelines will be granted admission, based on space availability, into SIUC's Bachelor of Science (B.S.) in Information Systems Technologies (IST) program in the College of Applied Sciences and Arts.
2. SIUC's **Capstone Option** makes it possible for Parkland graduates to earn a bachelor's degree in 60 additional hours and allows them to complete an abbreviated University Core Curriculum requirement (30 hours vs. 41 hours). Requirements for the Capstone Option in IST include:
  - a. admission to the university
  - b. a minimum of 60 transferable hours to SIUC
  - c. an overall grade point average (GPA) of 2.25 or above (4.0 scale) on all accredited work received prior to the awarding of the A.A.S. degree
  - d. completion of at least 12 hours of transferable University Core Curriculum credit. Nine of these hours must be in the Foundation Skills area including SIUC transferable English, Math, and Speech. Additional hours must be in compliance with the IST program and Capstone University Core Curriculum requirements for this program
  - e. completion of CSC 130 or equivalent
  - f. complete Capstone Option application as described at <http://registrar.siu.edu/eval/capstone.htm>
3. Parkland College graduates receiving an A.A.S. degree with a minimum of 60 transferable hours to SIUC who do not meet the Capstone GPA requirement but who have an overall GPA of 2.0 or higher (on all accredited work taken prior to transfer), will be eligible for admission, based on space availability, to the IST program at SIUC. These students may require more than 60 semester hours to complete their IST B.S. degree.
4. Parkland College students transferring to the IST B.S. degree program at SIUC who have not completed all of their A.A.S. degree requirements at Parkland College will have their related coursework evaluated on a course-by-course basis by the appropriate SIUC program.
5. Students must complete a minimum of 60 senior institution hours and at least 120 total hours with an overall GPA of 2.0 to receive a B.S. in Information Systems Technologies (IST) at SIUC. The last 30 hours must be taken at SIUC.

**For more information about admission to the IST program or Capstone Option at SIUC, contact:**

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SIUC IST website: [www.siu.edu/~isat/](http://www.siu.edu/~isat/)  
SIUC IST Application: [www.siu.edu/~isat/ist/application.htm](http://www.siu.edu/~isat/ist/application.htm)  
SIUC Capstone Option: <http://registrar.siu.edu/eval/capstone.htm>