

## Associate of Science in Application Programming

Graduates of the Application Programming program are prepared to step directly into positions as business application programmers with both large and small companies. Students are taught principles of problem definition, logical design, and structured programming; they learn techniques of writing and maintaining programs. Students are taught commonly-used programming languages (C, COBOL, etc.), how to work in an on-line environment with data bases, and how to read and interpret processor dumps. In addition, each student will have a sound background in business and accounting. Graduates of this program will be able to pursue the four-year degree in computer information systems or management information systems.

The degree is also offered in Sioux Falls. Please contact the College office or the Director of Sioux Falls programs for more information.

All students earning an Associate of Science in Application Programming degree must complete the following courses:

<b>System-wide General Education Requirements</b>	<b>18</b>
<b>Institutional Graduation Requirements</b>	<b>6</b>
<b>Information Systems/Computer Science</b>	<b>15</b>
<b>CIS 251</b> Business Applications Programming .....	3
<b>CIS 330</b> COBOL I.....	3
<b>CIS 331</b> COBOL II .....	3
<b>CIS 332</b> Structured Systems Analysis and Design.....	3
<b>CSC 206</b> Adv. Computer Applications.....	3
<b>Support Courses</b>	<b>18</b>
<b>ACCT 210</b> Principles of Accounting I .....	3
<b>ACCT 211</b> Principles of Accounting II .....	3
<b>BADM 220</b> Business Statistics .....	3
<b>BADM 360</b> Organization & Management.....	3
<b>BADM 370</b> Marketing.....	3
<b>ENGL 208</b> Documentation and Presentation .....	3
<b>Electives</b>	<b>7</b>
<b>Total Semester Hours</b>	<b>64 Credits</b>