Academic advisors help students coordinate their academic plans while at Lackawanna College; however, students bear the ultimate responsibility for insuring that they meet the requirements for their degree.

**Developmental/Additional Requirements:**

Based on assessment testing results, students are placed in appropriate level courses (developmental or college level). Students without SAT / ACT / in-house assessment scores will be scheduled for three developmental courses (Reading for College, Basic Writing Skills, and Basic Math Skills). These courses must be successfully completed before a student may enroll in required English / math courses.

<table>
<thead>
<tr>
<th>Semester</th>
<th>Grade Taken</th>
<th>Grade Earned</th>
<th>First Semester</th>
<th>Semester</th>
<th>Grade Taken</th>
<th>Grade Earned</th>
<th>Second Semester</th>
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<tr>
<td>DEV 010</td>
<td>Basic Writing Skills</td>
<td>Yes</td>
<td>No</td>
<td></td>
<td>ENG 102 Fundamentals of Writing</td>
<td>Yes</td>
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<tr>
<td>DEV 020</td>
<td>Reading for College</td>
<td>Yes</td>
<td>No</td>
<td></td>
<td>ENG 103 Critical Reading</td>
<td>Yes</td>
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<tr>
<td>DEV 030</td>
<td>Basic Math Skills</td>
<td>Yes</td>
<td>No</td>
<td></td>
<td>MAT 110 Intro to Algebra</td>
<td>Yes</td>
<td>No</td>
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<td>MAT 120 College Algebra</td>
<td>Yes</td>
<td>No</td>
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<tr>
<th>Semester</th>
<th>Grade Taken</th>
<th>Grade Earned</th>
<th>Third Semester</th>
<th>Semester</th>
<th>Grade Taken</th>
<th>Grade Earned</th>
<th>Fourth Semester</th>
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</table>

*Developmental coursework may be a prerequisite for these courses. Credits earned in developmental courses cannot be applied toward graduation.*

Social Science Elective: PAD 105; any non-required psychology, sociology, education, criminal justice, or history listing


Diversity/Global Studies Elective: SSC 225, SSC 235, SSC 260, HIS 110, HIS 130, HIS 138, HIS 155, SPN 101

Ethics Elective: PHL 115, PHL 120, PHL 125, PHL 140, PHL 145, PHL 205

Science Elective: BIO 105, BIO 110, BIO 115, CHM 110, ESC 105, ESC 115, ESC 125, ESC 130, ESC 135, PHY 105
COMPUTER INFORMATION SYSTEMS
ASSOCIATE IN SCIENCE DEGREE

PORTFOLIO REQUIREMENTS

CAREER DOCUMENTS

______ Current Resume
______ Two (2) letters of recommendation
______ Career Exploration

CORE COURSEWORK

______ ENG 105 - College Writing - Graded Research Paper

MAJOR COURSEWORK (3 samples - graded papers or projects)

______ CIS 115 - Computer Applications II - samples from Office labs
1) Word document
2) Excel worksheet (multiple worksheets lab)
3) PowerPoint presentation
Include: Hardcopies of completed rubric

______ CIS 128 - Visual Basic Programming - Programming assignment solution
Include:
1) Source code
2) Sample output
3) Completed rubric

______ CIS 245 - Web Page Construction - XHTML Case Problem solution
Include:
1) XHTML code
2) CSS code
3) Web page as viewed in browser
4) Completed rubric

______ LACKAWANNA REFLECTION PAPER