

**Associate in Science Degree  
Spanish Education: N-12**

**Area I – Written Composition**

ENG 101 English Composition I .....3 hours  
 ENG 102 English Composition II .....3 hours  
**Total .....6 hours**

**Area II – Humanities and Fine Arts**

Literature\* .....3-6 hours  
 Choose from: ENG 251, 252; ENG 261, 262; or  
 ENG 271, 272  
 SPH 107 Fundamentals of Public Speaking .....3 hours  
 Fine Arts Electives\*\* .....3 hours  
 Choose from: ART 100, 203, 204; MUS 101;  
 THR 120, 126  
 Humanities and Fine Arts Electives\*\* .....0-3 hours  
 Choose from: ART 100, 203, 204; ENG 251, 252,  
 261, 262, 271, 272; MUS 101; PHL 206;  
 REL 151, 152; THR 120, 126  
**Total .....12 hours**

**Area III – Natural Sciences and Mathematics**

Natural Sciences\*\* .....8 hours  
 Choose from: BIO 103, 104; CHM 111, 112;  
 PHY 201, 202; PHY 213, 214  
 MTH 110 Finite Math or  
 MTH 112 Precalculus Algebra or higher .....3 hours  
**Total .....11 hours**

**Area IV – History, Social and Behavioral Sciences**

History\* .....3-6 hours  
 Choose from: HIS 101, 102, or HIS 201, 202  
 Social and Behavioral Sciences\*\* .....6-9 hours  
 Choose from: ECO 231, 232; GEO 100;  
 POL 211; PSY 200, 210; SOC 200, 210  
**Total .....12 hours**

**Area V – Pre-Professional, Major, and Elective Courses**

SPA 101 Introductory Spanish I .....4 hours  
 SPA 102 Introductory Spanish II .....4 hours  
 SPA 201 Intermediate Spanish I .....3 hours  
 SPA 202 Intermediate Spanish II .....3 hours  
 CIS .....3 hours  
 Area V Electives\*\* .....2-6 hours  
**Total .....19-23 hours**  
**Total Hours Required for Degree .....60-64**

\* Must take a 6 semester-hour sequence in either literature or history.

\*\* Consult four-year catalog and/or STARS Transfer Guide:  
<http://stars.troy.edu>

**Associate in Science Degree  
Special Education**

**Area I – Written Composition**

ENG 101 English Composition I .....3 hours  
 ENG 102 English Composition II .....3 hours  
**Total .....6 hours**

**Area II – Humanities and Fine Arts**

Literature\* .....3-6 hours  
 Choose from: ENG 251, 252; ENG 261, 262; or  
 ENG 271, 272

SPH 107 Fundamentals of Public Speaking .....3 hours  
 Humanities and Fine Arts Electives\*\* .....0-3 hours  
 Choose from: ART 100, 203, 204; ENG 251, 252,  
 261, 262, 271, 272; MUS 101; PHL 206; REL 151,  
 152; SPA 101, 102, 201, 202; THR 120, 126

**Total .....12 hours**

**Area III – Natural Sciences and Mathematics**

BIO 103 Principles of Biology I .....4 hours  
 BIO 104 Principles of Biology II .....4 hours  
 MTH 112 Pre-Calculus Algebra .....3 hours  
**Total .....11 hours**

**Area IV – History, Social, and Behavioral Science**

History .....3 hours  
 Choose from: HIS 101, 102, or HIS 201, 202  
 Social and Behavioral Sciences\* .....9 hours  
 Choose from: ECO 231, 232; GEO 100;  
 POL 211; PSY 200, 210; SOC 200, 210  
**Total .....12 hours**

**Area V – Pre-Professional, Major, and Elective Courses**

CIS 146 Microcomputer Applications .....hours  
 Area III Electives representing two disciplines other than  
 Biology such as Chemistry, Physics, Astronomy, or  
 Geology. May include PHS 111 or PHS 112 .....8 hours  
 Mathematics Electives\*\* .....9 hours  
 Area V Electives\*\* .....2 hours  
**Total .....22 hours**  
**Total Hours Required for Degree .....63 hours**

\* Consult four-year catalog and/or STARS Transfer Guide:  
<http://stars.troy.edu>

**Associate in Science Degree  
Pre-Engineering—Aerospace**

**Area I – Written Composition**

ENG 101 English Composition I .....3 hours  
 ENG 102 English Composition II .....3 hours  
**Total .....6 hours**

**Area II – Humanities and Fine Arts**

Literature\* .....3-6 hours  
 Choose from: ENG 251, 252; ENG 261, 262; or  
 ENG 271, 272  
 SPH 107 Fundamentals of Public Speaking .....3 hours  
 Fine Arts Electives# .....3 hours  
 Choose from: ART 100, 203, 204; MUS 101;  
 THR 120, 126  
**Total .....9-12 hours**

**Area III – Natural Sciences and Mathematics**

MTH 125 Calculus I\*\* .....4 hours  
 PHY 213 General Physics with Calculus I \*\*\* .....4 hours  
 PHY 214 General Physics with Calculus II \*\*\* .....4 hours  
**Total .....12 hours**

**Area IV – History, Social, and Behavioral Sciences**

History\* .....3-6 hours  
 Choose from: HIS 101, 102 or HIS 201, 202  
 Social and Behavioral Sciences# .....6 hours  
 Choose from: ECO 231, 232; GEO 100;  
 POL 211; PSY 200, 210; SOC 200, 210  
**Total .....9-12 hours**

**Area V – Pre-Professional, Major, and Elective Courses**

MTH 126, 227, 237, 238#	14 hours
CHM 111, 112#	4-8 hours
CIS 231 or 251	3 hours
PHL 206#	3 hours
<b>Total</b>	<b>24-28 hours</b>
<b>Total Hours Required for Degree</b>	<b>63-67</b>

- \* Must take a 6 semester-hour sequence in either literature or history.
- \*\* MTH 112, 113 or appropriate placement scores are prerequisites for MTH 125.
- \*\*\* MTH 125 is a prerequisite for PHY 213.
- # Consult four-year catalog and/or STARS Transfer Guide: <http://stars.troy.edu>

**Associate in Science Degree  
Pre-Engineering—Chemical**

**Area I – Written Composition**

ENG 101 English Composition I	3 hours
ENG 102 English Composition II	3 hours
<b>Total</b>	<b>6 hours</b>

**Area II – Humanities and Fine Arts**

Literature*	3-6 hours
Choose from: ENG 251, 252; ENG 261, 262; or ENG 271, 272	
SPH 107 Fundamentals of Public Speaking	3 hours
Fine Arts Electives#	3 hours
Choose from: ART 100, 203, 204; MUS 101; THR 120, 126	
<b>Total</b>	<b>9-12 hours</b>

**Area III – Natural Sciences and Mathematics**

MTH 125 Calculus I**	4 hours
PHY 213 General Physics with Calculus I***	4 hours
PHY 214 General Physics with Calculus II***	4 hours
<b>Total</b>	<b>12 hours</b>

**Area IV – History, Social, and Behavioral Sciences**

History*	3-6 hours
Choose from: HIS 101, 102 or HIS 201, 202	
Social and Behavioral Sciences#	6 hours
Choose from: ECO 231, 232; GEO 100; POL 211; PSY 200, 210; SOC 200, 210	
<b>Total</b>	<b>9-12 hours</b>

**Area V – Pre-Professional, Major, and Elective Courses**

MTH 126, 227, 237, 238#	14 hours
CHM 111, 112, 221, 222#	16 hours
CIS 231 or 251	3 hours
PHL 206#	3 hours
<b>Total</b>	<b>36 hours</b>
<b>Total Hours Required for Degree</b>	<b>64</b>

- \* Must take a 6 semester-hour sequence in either literature or history.
- \*\* MTH 112, 113 or appropriate placement scores are prerequisites for MTH 125.
- \*\*\* MTH 125 is a prerequisite for PHY 213.
- # Consult four-year catalog and/or STARS Transfer Guide: <http://stars.troy.edu>

**Associate in Science Degree  
Pre-Engineering—Civil**

**Area I – Written Composition**

ENG 101 English Composition I	3 hours
ENG 102 English Composition II	3 hours
<b>Total</b>	<b>6 hours</b>

**Area II – Humanities and Fine Arts**

Literature*	3-6 hours
Choose from: ENG 251, 252; ENG 261, 262; or ENG 271, 272	
SPH 107 Fundamentals of Public Speaking	3 hours
Fine Arts Electives#	3 hours
Choose from: ART 100, 203, 204; MUS 101; THR 120, 126	
<b>Total</b>	<b>9-12 hours</b>

**Area III – Natural Sciences and Mathematics**

MTH 125 Calculus I**	4 hours
PHY 213 General Physics with Calculus I***	4 hours
PHY 214 General Physics with Calculus II***	4 hours
<b>Total</b>	<b>12 hours</b>

**Area IV – History, Social, and Behavioral Sciences**

History*	3-6 hours
Choose from: HIS 101, 102 or HIS 201, 202	
Social and Behavioral Sciences#	6 hours
Choose from: ECO 231, 232; GEO 100; POL 211; PSY 200, 210; SOC 200, 210	
<b>Total</b>	<b>9-12 hours</b>

**Area V – Pre-Professional, Major, and Elective courses**

MTH 126, 227, 237, 238#	14 hours
CHM 111, 112#	4-8 hours
CIS 231 or 251	3 hours
PHL 206#	3 hours
<b>Total</b>	<b>24-28 hours</b>
<b>Total Hours Required for Degree</b>	<b>63-67</b>

- \* Must take a 6 semester-hour sequence in either literature or history.
- \*\* MTH 112, 113 or appropriate placement scores are prerequisites for MTH 125.
- \*\*\* MTH 125 is a prerequisite for PHY 213
- # Consult four-year catalog and/or STARS Transfer Guide: <http://stars.troy.edu>

**Associate in Science Degree  
Pre-Engineering—Computer**

**Area I – Written Composition**

ENG 101 English Composition I	3 hours
ENG 102 English Composition II	3 hours
<b>Total</b>	<b>6 hours</b>

**Area II – Humanities and Fine Arts**

Literature*	3-6 hours
Choose from: ENG 251, 252; ENG 261, 262; or ENG 271, 272	
SPH 107 Fundamentals of Public Speaking	3 hours
Fine Arts Electives#	3 hours
Choose from: ART 100, 203, 204; MUS 101; THR 120, 126	
<b>Total</b>	<b>9-12 hours</b>

**Area III – Natural Sciences and Mathematics**

MTH 125 Calculus I**	4 hours
PHY 213 General Physics with Calculus I***	4 hours
PHY 214 General Physics with Calculus II***	4 hours
<b>Total</b>	<b>12 hours</b>

**Area IV – History, Social, and Behavioral Sciences**

History*	3-6 hours
Choose from: HIS 101, 102 or HIS 201, 202	
Social and Behavioral Sciences#	6 hours
Choose from: ECO 231, 232; GEO 100; POL 211; PSY 200, 210; SOC 200, 210	
<b>Total</b>	<b>9-12 hours</b>

**Area V – Pre-Professional, Major, and Elective courses**

MTH 126, 227, 237, 238#	14 hours
CHM 111	4 hours
CIS 251	3 hours
PHL 206#	3 hours
<b>Total</b>	<b>24 hours</b>
<b>Total Hours Required for Degree</b>	<b>.63</b>

- \* Must take a 6 semester-hour sequence in either literature or history.
- \*\* MTH 112, 113 or appropriate placement scores are prerequisites for MTH 125.
- \*\*\* MTH 125 is a prerequisite for PHY 213
- # Consult four-year catalog and/or STARS Transfer Guide: <http://stars.troy.edu>

**Associate in Science Degree  
Pre-Engineering—Computer Science Option**

**Area I – Written Composition**

ENG 101 English Composition I	3 hours
ENG 102 English Composition II	3 hours
<b>Total</b>	<b>6 hours</b>

**Area II – Humanities and Fine Arts**

Literature*	3-6 hours
Choose from: ENG 251, 252; ENG 261, 262; or ENG 271, 272	
SPH 107 Fundamentals of Public Speaking	3 hours
Fine Arts Electives#	3 hours
Choose from: ART 100, 203, 204; MUS 101; THR 120, 126	
<b>Total</b>	<b>9-12 hours</b>

**Area III – Natural Sciences and Mathematics**

MTH 125 Calculus I**	4 hours
PHY 213 General Physics with Calculus I***	4 hours
PHY 214 General Physics with Calculus II***	4 hours
<b>Total</b>	<b>12 hours</b>

**Area IV – History, Social, and Behavioral Sciences**

History*	3-6 hours
Choose from: HIS 101, 102 or HIS 201, 202	
Social and Behavioral Sciences#	6 hours
Choose from: ECO 231, 232; GEO 100; POL 211; PSY 200, 210; SOC 200, 210	
<b>Total</b>	<b>9-12 hours</b>

**Area V – Pre-Professional, Major, and Elective courses**

MTH 126, 227, 237, 238#	14 hours
CHM 111, 112#	4-8 hours
CIS 251	3 hours

PHL 206#	3 hours
<b>Total</b>	<b>24-28 hours</b>
<b>Total Hours Required for Degree</b>	<b>.63-67</b>

- \* Must take a 6 semester-hour sequence in either literature or history.
- \*\* MTH 112, 113 or appropriate placement scores are prerequisites for MTH 125.
- \*\*\* MTH 125 is a prerequisite for PHY 213
- # Consult four-year catalog and/or STARS Transfer Guide: <http://stars.troy.edu>

**Associate in Science Degree  
Pre-Engineering—Electrical**

**Area I – Written Composition**

ENG 101 English Composition I	3 hours
ENG 102 English Composition II	3 hours
<b>Total</b>	<b>6 hours</b>

**Area II – Humanities and Fine Arts**

Literature*	3-6 hours
Choose from: ENG 251, 252; ENG 261, 262; or ENG 271, 272	
SPH 107 Fundamentals of Public Speaking	3 hours
Fine Arts Electives#	3 hours
Choose from: ART 100, 203, 204; MUS 101; THR 120, 126	
<b>Total</b>	<b>9-12 hours</b>

**Area III – Natural Sciences and Mathematics**

MTH 125 Calculus I**	4 hours
PHY 213 General Physics with Calculus I***	4 hours
PHY 214 General Physics with Calculus II***	4 hours
<b>Total</b>	<b>12 hours</b>

**Area IV – History, Social, and Behavioral Sciences**

History*	3-6 hours
Choose from: HIS 101, 102 or HIS 201, 202	
Social and Behavioral Sciences#	6 hours
Choose from: ECO 231, 232; GEO 100; POL 211; PSY 200, 210; SOC 200, 210	
<b>Total</b>	<b>9-12 hours</b>

**Area V – Pre-Professional, Major, and Elective courses**

MTH 126, 227, 237, 238#	14 hours
CHM 111#	4 hours
CIS 251	3 hours
PHL 206#	3 hours
<b>Total</b>	<b>24 hours</b>
<b>Total Hours Required for Degree</b>	<b>.63</b>

- \* Must take a 6 semester-hour sequence in either literature or history.
- \*\* MTH 112, 113 or appropriate placement scores are prerequisites for MTH 125.
- \*\*\* MTH 125 is a prerequisite for PHY 213
- # Consult four-year catalog and/or STARS Transfer Guide: <http://stars.troy.edu>

**Associate in Science Degree  
Pre-Engineering—Industrial**

**Area I – Written Composition**

ENG 101 English Composition I	3 hours
ENG 102 English Composition II	3 hours
<b>Total</b>	<b>6 hours</b>

**Area II – Humanities and Fine Arts**

Literature\* .....3-6 hours  
 Choose from: ENG 251, 252; ENG 261, 262; or  
 ENG 271, 272  
 SPH 107 Fundamentals of Public Speaking .....3 hours  
 Fine Arts Electives# .....3 hours  
 Choose from: ART 100, 203, 204; MUS 101;  
 THR 120, 126  
**Total .....9-12 hours**

**Area III – Natural Sciences and Mathematics**

MTH 125 Calculus I\*\* .....4 hours  
 PHY 213 General Physics with Calculus I\*\*\* .....4 hours  
 PHY 214 General Physics with Calculus II\*\*\* .....4 hours  
**Total .....12 hours**

**Area IV – History, Social, and Behavioral Sciences**

\*History .....3-6 hours  
 Choose from: HIS 101, 102 or HIS 201, 202  
 Social and Behavioral Sciences# .....6 hours  
 Choose from: ECO 231, 232; GEO 100;  
 POL 211; PSY 200, 210; SOC 200, 210  
**Total .....9-12 hours**

**Area V – Pre-Professional, Major, and Elective courses**

MTH 126, 227, 237, 238# .....14 hours  
 CHM 111, 112# .....4-8 hours  
 CIS 231 or 251 .....3 hours  
 PHL 206# .....3 hours  
**Total .....24-28 hours**  
**Total Hours Required for Degree .....63-67**

\* Must take a 6 semester-hour sequence in either literature or history.  
 \*\* MTH 112, 113 or appropriate placement scores are prerequisites for MTH 125.  
 \*\*\* MTH 125 is a prerequisite for PHY 213  
 # Consult four-year catalog and/or STARS Transfer Guide:  
<http://stars.troy.edu>

**Associate in Science Degree  
 Pre-Engineering—Materials**

**Area I – Written Composition**

ENG 101 English Composition I .....3 hours  
 ENG 102 English Composition II .....3 hours  
**Total .....6 hours**

**Area II – Humanities and Fine Arts**

Literature\* .....3-6 hours  
 Choose from: ENG 251, 252; ENG 261, 262; or  
 ENG 271, 272  
 SPH 107 Fundamentals of Public Speaking .....3 hours  
 Fine Arts Electives# .....3 hours  
 Choose from: ART 100, 203, 204; MUS 101;  
 THR 120, 126  
**Total .....9-12 hours**

**Area III – Natural Sciences and Mathematics**

MTH 125 Calculus I\*\* .....4 hours  
 PHY 213 General Physics with Calculus I\*\*\* .....4 hours  
 PHY 214 General Physics with Calculus II\*\*\* .....4 hours  
**Total .....12 hours**

**Area IV – History, Social, and Behavioral Sciences**

History\* .....3-6 hours  
 Choose from: HIS 101, 102 or HIS 201, 202  
 Social and Behavioral Sciences# .....6 hours  
 Choose from: ECO 231, 232; GEO 100;  
 POL 211; PSY 200, 210; SOC 200, 210  
**Total .....9-12 hours**

**Area V – Pre-Professional, Major, and Elective courses**

MTH 126, 227, 237, 238# .....14 hours  
 CHM 111, 112# .....4-8 hours  
 CIS 231 or 251 .....3 hours  
 PHL 206# .....3 hours  
**Total .....24-28 hours**  
**Total Hours Required for Degree .....63-67**

\* Must take a 6 semester-hour sequence in either literature or history.  
 \*\* MTH 112, 113 or appropriate placement scores are prerequisites for MTH 125.  
 \*\*\* MTH 125 is a prerequisite for PHY 213  
 # Consult four-year catalog and/or STARS Transfer Guide:  
<http://stars.troy.edu>

**Associate in Science Degree  
 Pre-Engineering—Mechanical**

**Area I – Written Composition**

ENG 101 English Composition I .....3 hours  
 ENG 102 English Composition II .....3 hours  
**Total .....6 hours**

**Area II – Humanities and Fine Arts**

Literature\* .....3-6 hours  
 Choose from: ENG 251, 252; ENG 261, 262; or  
 ENG 271, 272  
 SPH 107 Fundamentals of Public Speaking .....3 hours  
 Fine Arts Electives# .....3 hours  
 Choose from: ART 100, 203, 204; MUS 101;  
 THR 120, 126  
**Total .....9-12 hours**

**Area III – Natural Sciences and Mathematics**

MTH 125 Calculus I\*\* .....4 hours  
 PHY 213 General Physics with Calculus I\*\*\* .....4 hours  
 PHY 214 General Physics with Calculus II\*\*\* .....4 hours  
**Total .....12 hours**

**Area IV – History, Social, and Behavioral Sciences**

History\* .....3-6 hours  
 Choose from: HIS 101, 102 or HIS 201, 202  
 Social and Behavioral Sciences# .....6 hours  
 Choose from: ECO 231, 232; GEO 100;  
 POL 211; PSY 200, 210; SOC 200, 210  
**Total .....9-12 hours**

**Area V – Pre-Professional, Major, and Elective courses**

MTH 126, 227, 237, 238# .....14 hours  
 CHM 111, 112# .....4-8 hours  
 CIS 231 or 251 .....3 hours  
 PHL 206# .....3 hours  
**Total .....24-28 hours**  
**Total Hours Required for Degree .....63-67**

\* Must take a 6 semester-hour sequence in either literature or history.  
 \*\* MTH 112, 113 or appropriate placement scores are prerequisites for MTH 125.

\*\*\* MTH 125 is a prerequisite for PHY 213

# Consult four-year catalog and/or STARS Transfer Guide:  
<http://stars.troy.edu>

**Associate in Science Degree  
Pre-Engineering—Optical**

**Area I – Written Composition**

ENG 101 English Composition I . . . . .3 hours  
ENG 102 English Composition II . . . . .3 hours  
**Total** . . . . .**6 hours**

**Area II – Humanities and Fine Arts**

Literature\* . . . . .3-6 hours  
Choose from: ENG 251, 252; ENG 261, 262; or  
ENG 271, 272  
SPH 107 Fundamentals of Public Speaking . . . . .3 hours  
Fine Arts Electives# . . . . .3 hours  
Choose from: ART 100, 203, 204; MUS 101;  
THR 120, 126  
**Total** . . . . .**9-12 hours**

**Area III – Natural Sciences and Mathematics**

MTH 125 Calculus I\*\* . . . . .4 hours  
PHY 213 General Physics with Calculus I\*\*\* . . . . .4 hours  
PHY 214 General Physics with Calculus II\*\*\* . . . . .4 hours  
**Total** . . . . .**12 hours**

**Area IV – History, Social, and Behavioral Sciences**

History\* . . . . .3-6 hours  
Choose from: HIS 101, 102 or HIS 201, 202  
Social and Behavioral Sciences# . . . . .6 hours  
Choose from: ECO 231, 232; GEO 100;  
POL 211; PSY 200, 210; SOC 200, 210  
**Total** . . . . .**9-12 hours**

**Area V – Pre-Professional, Major, and Elective courses**

MTH 126, 227, 237, 238# . . . . .14 hours  
CHM 111# . . . . .4 hours  
CIS 251 . . . . .3 hours  
PHL 206# . . . . .3 hours  
**Total** . . . . .**24 hours**  
**Total Hours Required for Degree** . . . . .**63**

\* Must take a 6 semester-hour sequence in either literature or history.

\*\* MTH 112, 113 or appropriate placement scores are prerequisites for MTH 125.

\*\*\* MTH 125 is a prerequisite for PHY 213

# Consult four-year catalog and/or STARS Transfer Guide:  
<http://stars.troy.edu>

**Associate in Science Degree  
Pre-Engineering—Textile Engineering Option**

**Area I – Written Composition**

ENG 101 English Composition I . . . . .3 hours  
ENG 102 English Composition II . . . . .3 hours  
**Total** . . . . .**6 hours**

**Area II – Humanities and Fine Arts**

Literature\* . . . . .3-6 hours  
Choose from: ENG 251, 252; ENG 261, 262; or  
ENG 271, 272  
SPH 107 Fundamentals of Public Speaking . . . . .3 hours

Fine Arts Electives# . . . . .3 hours  
Choose from: ART 100, 203, 204; MUS 101;  
THR 120, 126  
**Total** . . . . .**9-12 hours**

**Area III – Natural Sciences and Mathematics**

MTH 125 Calculus I\*\* . . . . .4 hours  
CHM 111 College Chemistry I . . . . .4 hours  
CHM 112 College Chemistry II . . . . .4 hours  
**Total** . . . . .**12 hours**

**Area IV – History, Social, and Behavioral Sciences**

History\* . . . . .3-6 hours  
Choose from: HIS 101, 102 or HIS 201, 202  
Social and Behavioral Sciences# . . . . .6 hours  
Choose from: ECO 231, 232; GEO 100;  
POL 211; PSY 200, 210; SOC 200, 210  
**Total** . . . . .**9-12 hours**

**Area V – Pre-Professional, Major, and Elective courses**

MTH 126, 227, 238# . . . . .11 hours  
PHY 213 and PHY 214\*\*\* . . . . .8 hours  
CIS 231 or 251 . . . . .3 hours  
PHL 206# . . . . .3 hours  
**Total** . . . . .**25 hours**  
**Total Hours Required for Degree** . . . . .**64**

\* Must take a 6 semester-hour sequence in either literature or history.

\*\* MTH 112, 113 or appropriate placement scores are prerequisites for MTH 125.

\*\*\* MTH 125 is a prerequisite for PHY 213.

# Consult four-year catalog and/or STARS Transfer Guide:  
<http://stars.troy.edu>

**Associate in Science Degree  
Pre-Engineering—Textile Chemistry Option**

**Area I – Written Composition**

ENG 101 English Composition I . . . . .3 hours  
ENG 102 English Composition II . . . . .3 hours  
**Total** . . . . .**6 hours**

**Area II – Humanities and Fine Arts**

Literature\* . . . . .3-6 hours  
Choose from: ENG 251, 252; ENG 261, 262; or  
ENG 271, 272  
SPH 107 Fundamentals of Public Speaking . . . . .3 hours  
Fine Arts Electives# . . . . .3 hours  
Choose from: ART 100, 203, 204; MUS 101;  
THR 120, 126  
**Total** . . . . .**9-12 hours**

**Area III – Natural Sciences and Mathematics**

MTH 125 Calculus I\*\* . . . . .4 hours  
CHM 111 College Chemistry I . . . . .4 hours  
CHM 112 College Chemistry II . . . . .4 hours  
**Total** . . . . .**12 hours**

**Area IV – History, Social, and Behavioral Sciences**

History\* . . . . .3-6 hours  
Choose from: HIS 101, 102 or HIS 201, 202  
Social and Behavioral Sciences# . . . . .6 hours  
Choose from: ECO 231, 232; GEO 100;  
POL 211; PSY 200, 210; SOC 200, 210  
**Total** . . . . .**9-12 hours**

**Area V – Pre-Professional, Major, and Elective courses**

MTH 126, 227, 238#	11 hours
CHM 221#	4 hours
CIS 231 or 251	3 hours
PHY 213 and 214	8 hours
PHL 206#	3 hours
<b>Total</b>	<b>29 hours</b>
<b>Total Hours Required for Degree</b>	<b>68</b>

- \* Must take a 6 semester-hour sequence in either literature or history.
- \*\* MTH 112, 113 or appropriate placement scores are prerequisites for MTH 125.
- \*\*\* MTH 125 is a prerequisite for PHY 213
- # Consult four-year catalog and/or STARS Transfer Guide:  
<http://stars.troy.edu>

**Associate in Science Degree  
Pre-Engineering—Textile Management and  
Technology Option**

**Area I – Written Composition**

ENG 101 English Composition I	3 hours
ENG 102 English Composition II	3 hours
<b>Total</b>	<b>6 hours</b>

**Area II – Humanities and Fine Arts**

Literature*	3-6 hours
Choose from: ENG 251, 252; ENG 261, 262; or ENG 271, 272	
SPH 107 Fundamentals of Public Speaking	3 hours
Fine Arts Electives***	3 hours
Choose from: ART 100, 203, 204; MUS 101; THR 120, 126	
<b>Total</b>	<b>9-12 hours</b>

**Area III – Natural Sciences and Mathematics**

MTH 125 Calculus I**	4 hours
PHY 201 General Physics I – Trig Based	4 hours
CHM 111 College Chemistry I	4 hours
<b>Total</b>	<b>12 hours</b>

**Area IV – History, Social, and Behavioral Sciences**

History*	3-6 hours
Choose from: HIS 101, 102 or HIS 201, 202	
Social and Behavioral Sciences***	6 hours
Choose from: ECO 231, 232; GEO 100; POL 211; PSY 200, 210; SOC 200, 210	
<b>Total</b>	<b>9-12 hours</b>

**Area V – Pre-Professional, Major, and Elective courses**

BUS 241	3 hours
CHM 112, 221***	8 hours
CIS 231 or 251	3 hours
PHL 206***	3 hours
Area V Electives***	4 hours
<b>Total</b>	<b>21 hours</b>
<b>Total Hours Required for Degree</b>	<b>60</b>

- \* Must take a 6 semester-hour sequence in either literature or history.
- \*\* MTH 112, 113 or appropriate placement scores are prerequisites for MTH 125.
- \*\*\* Consult four-year catalog and/or STARS Transfer Guide:  
<http://stars.troy.edu>

**Associate in Science Degree  
Forestry**

**Area I – Written Composition**

ENG 101 English Composition I	3 hours
ENG 102 English Composition II	3 hours
<b>Total</b>	<b>6 hours</b>

**Area II – Humanities and Fine Arts**

Literature	6 hours
Choose from: ENG 251, 252; ENG 261, 262; or ENG 271, 272	
Fine Arts Electives*	3 hours
Choose from: ART 100, 203, 204; MUS 101; THR 120, 126	
PHL 206 Ethics and Society	3 hours
<b>Total</b>	<b>12 hours</b>

**Area III – Natural Sciences and Mathematics**

BIO 103 Principles of Biology I	4 hours
BIO 104 Principles of Biology II	4 hours
MTH 125, 126, 227, 237, or 238	3-4 hours
<b>Total</b>	<b>11-12 hours</b>

**Area IV – History, Social, and Behavioral Sciences**

History	6 hours
Choose from: HIS 101, 102 or HIS 201, 202	
ECO 232 Principles of Microeconomics	3 hours
Social and Behavioral Sciences*	3 hours
Choose from: ECO 231; GEO 100; POL 211; PSY 200, 210; SOC 200, 210	
<b>Total</b>	<b>12 hours</b>

**Area V – Pre-Professional, Major, and Elective Courses**

SPH 107 Fundamentals of Public Speaking	3 hours
CHM 111 College Chemistry I	4 hours
CHM 112 College Chemistry II	4 hours
BUS 271 Business Statistics I or MTH 265 Elementary Statistics	3 hours
CIS	3 hours
Area V Electives*	2-5 hours
<b>Total</b>	<b>19-22 hours</b>
<b>Total Hours Required for Degree</b>	<b>60-64</b>

- \* Consult four-year catalog and/or STARS Transfer Guide:  
<http://stars.troy.edu>

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History**

**Area I – Written Composition**

ENG 101 English Composition I	3 hours
ENG 102 English Composition II	3 hours
<b>Total</b>	<b>6 hours</b>

**Area II – Humanities and Fine Arts**

Literature	3-6 hours
Choose from: ENG 251, 252; ENG 261, 262; or ENG 271, 272	
SPH 107 Fundamental of Public Speaking	3 hours
Fine Arts Electives*	3 hours
Choose from: ART 100, 203, 204; MUS 101; THR 120, 126	