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Southern State Community College  
*and* Shawnee State University

Plastics Engineering Technology

ARTICULATION  
agreement



*Associate of Applied Science*  
*Plastics Engineering Technology*

# ARTICULATION AGREEMENT

Southern State Community College and Shawnee State University

Associate of Applied Science-Plastics Engineering Technology

Southern State Community College and Shawnee State University agree to jointly prepare students for the Associate of Applied Science in Plastics Engineering Technology. This agreement is designed to eliminate the duplication of coursework in the two institutions and to facilitate and encourage students to complete the Associate Degree. Shawnee State University is the degree-granting institution.

By mutual agreement, many listed requirements for the degree at Shawnee State University may be completed at Southern State Community College. The remaining requirements that must be completed at Shawnee State University are also listed.

## Southern State Community College

## Shawnee State University

ENGL 101 English Composition I (4) ..... ENGL 111s (4)  
ENGL 102 English Composition II (4) ..... ENGL 112s (4)  
ENGL 103 English Composition III (4) ..... ENGL 115s (4)  
ENGL 203 Technical Report Writing III (3) ..... ENGL 121 (4)

CHEM 101 First Year Chemistry I (4)  
CHEM 111 First Year Chemistry I Lab (1) ..... CHEM 141 (5)  
CHEM 201 Organic Chemistry I (3)  
CHEM 211 Organic Chemistry I Lab (2) ..... CHEM 200 (4)

MATH 118 Intermediate Algebra (if needed, as determined by placement exam. Waive if student places in MATH 141)

MATH 141 College Algebra (4) ..... MATH 131 (4)  
MATH 142 College Trigonometry (4) ..... MATH 132 (4)  
MATH 221 Calculus I (5) ..... MATH 201 (4)

PHYS 117 Mechanics (4) ..... PHYS 201 (4)  
PHYS 121 Physics for Scientists and Engineers I (4) ..... PHYS 202 (4)  
PHYS 115 Heat, Light, and Sound (4) ..... PHYS 203 (4)

ENDS 207 Quality Control/ Statistical Process Control (4) ..... ETPL 235 Statistical Process/Quality Control (4)

ENDS 232 Computer Graphics III (4) ..... ETPL 120 Introduction to 3D Drawing (3)  
ENDS 237 Plant & Facilities Engineering (4) ..... ETPL 220 Plant & Facilities Engineering (4)

### Shawnee State University required courses for the Degree

ETPL 100 Plastics Manufacturing (4)  
ETPL 200 Plastics Processing (Injection) (4)  
ETPL 205 Plastics Processing (Extrusion) (4)  
ETPL 210 Plastics Processing (Thermoforming & Finishing) (4)  
ETPL 215 Plastics Processing (Thermosets) (4)  
ETPL 230 Properties of Polymeric Materials (4)  
ETPL 248 Plastics Processing Lab (1)  
ETCO 117 Software Tools for Technology (4)  
ETCO 210 Occupational Safety and Health Management (3)

Total credit hours earned-95 (minimum)

Students who wish to continue into SSU's Bachelor of Science in Plastics Engineering Technology program are recommended to take the following additional courses at SSCC:

CHEM 102 First Year Chemistry II (4)  
CHEM 112 First Year Chemistry II Lab (1)  
MATH 222 Calculus II (5)