

TRUMAN STATE UNIVERSITY  
**PRE-ENGINEERING**  
 PROGRAM WORKSHEET  
 2005-2007 GENERAL/GRADUATE BULLETIN

NAME: \_\_\_\_\_ SS# \_\_\_\_\_ DATE: \_\_\_\_\_

NOTE: This worksheet is provided as an advising tool only and does not reflect requirements for any specific degree program at Truman State University. Students interested in pursuing a Baccalaureate degree at Truman should consult the [General Bulletin](#) for complete information regarding degree requirements.

**WRITING AND SPEECH**

ENG 190 Writing As Critical Thinking  
 COMM 170 Fundamentals of Speech OR  
 ENG 328 Technical Writing

Semester  
Complete

Credits

Grade

	3	
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	3-4	
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**SOCIAL SCIENCE / HUMANITIES**

ECON 200 Macroeconomics OR  
 ECON 201 Microeconomics  
 HIST 104 U.S. History I OR  
 HIST 105 U.S. History II  
 Soc. Sci. / Humanities Elective

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**MATH AND COMPUTER SCIENCE**

MATH 198 Calculus I  
 MATH 263 Calculus II  
 MATH 264 Calculus III  
 MATH 365 Ordinary Differential Equations

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**SCIENCE**

CHEM 120 General Chemistry I  
 CHEM 121 General Chemistry II  
 PHYS 195 Physics with Calculus I  
 PHYS 196 Physics with Calculus II  
 PHYS 383 Fundamentals of Electric Circuits  
 PHYS 387 Statics

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**ADDITIONAL COURSES**

PHYS 208 Design and Drafting

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**NOTES**

**FOR STUDENTS TRANSFERRING TO UM-ROLLA**

PSYC 166 General Psychology is required for Engineering Management.

PHYS 383 Fundamentals of Electric Circuits is not required for Engineering Management or Geological Engineering.

COMM 170 is not required for Chemical nor Electrical Engineering.

STAT 290 Statistics is required for Ceramic Engineering.

CHEM 222 Introduction to Quantitative Analysis is required for Chemical and Metallurgical Engineering.

Check with Engineering School regarding the transferability of Philosophy, Literature, Fine Arts, or Foreign Language courses.