

**Southern Polytechnic State University
and
Technical College System of Georgia**

Mechanical Engineering Technology

STUDENT PERFORMANCE CRITERIA:

Technical College System of Georgia (TCSG) students must have earned a grade of “C” or better in courses qualifying for articulated credit in order for automatic transfer credit to occur. Students applying for Admission into Southern Polytechnic State University must meet SPSU's Admission Requirements.

TCSG Program Components

Course Title	TCSG Course	SPSU Course	MET
TCSG COMMON			
Composition and Rhetoric	ENGL 1101	ENGL 1101	3
Literature and Composition	ENGL 1102	ENGL 1102	3
Precalculus	MATH 1113	MATH 1113	4
Calculus I	MATH 1131	MATH 2253	4
Public Speaking	SPCH 1101	COMM 2400	2
Arts & Culture - Humanities	ARTS 1101 or MUSC 1101	ARTS 2001 or ARTS 2003	3
World History	HIST 1111 or HIST 1112	HIST 1111 or HIST 1112	3
Physics I	PHYS 1111 and PHYS 1111L	PHYS 1111K*	4
Physics II	PHYS 1112 and PHYS 1112L	PHYS 1112K*	4
Technical Communications	ENGL 1105	TCOM 2010	3
Chemistry I	CHEM 1211 and CHEM 1211L	CHEM 1211K	4
Engineering Graphics	DFTG 2010	ENGR 1211	3
TCSG Common Subtotal			40
TCSG SPECIFIC			
Computer Programming	CIST 2361	CS 1301E	3
Mfg Processes	MEGT 1010	MET 1311	3
Machine and Welding	MEGT 1321	MET 1321	2
Calculus II	MATH 1132	MATH 2254	4
Eng Graphics II	DFTG 2020	ENGR 1212	4
American Literature	ENGL 2130	ENGL 2131	3
Free Elective		Credit Course	3
TCSG Option Specific Subtotal			22
TCSG TOTAL	AAS PRE-ENGINEERING TECHNOLOGY-MET		62

NOTES:

* Calculus based Physics preferred by MET, although Trig. Based will be accepted

~See Southern Polytechnic State University (SPSU) specific requirements below~

SPSU Program Components

Course Title	SPSU Course	MET
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SPSU COMMON

Behavior Science	E3	3
American History	E1	3
Cultures and Societies	E4	3
STS	STS 2400	2
SPSU Common Subtotal		11

SPSU DEGREE SPECIFIC

Orientation	MET 1000	1
Ordinary Diff Equa	MATH 2306	3
Electrical Principles	ECET 3000	4
Dynamics	ENGR 3122	3
Statics	ENGR 2214	3
Strength of Mat	ENGR 3131	3
Strength of Mat Lab	ENGR 3132	1
Fluid Mechanics	ENGR 3343	3
Fluid Mechanics Lab	MET 3344	1
Mfg Process Lab II	MET 2322	3
Eng Materials	MET 3132	4
Machine Design I	MET 4141	4
Instr and Controls	MET 4421	4
MET 1 of 3 Courses	MET 3123, 3331, OR 3402	3
Thermodynamics	MET 3401	3
Department Electives		12
Degree Specific Subtotal		55
SPSU TOTAL		66

STUDENT TOTAL	BS ENGINEERING TECHNOLOGY (BSEET)	128
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