

PROGRAM: AAS MECHANICAL TECHNOLOGY-PENDING
Division: Math, Computer, Engineering & Physical Sciences & Technologies
TECH-106 (914) 606-6788

64 Credits

Curriculum Chair
 Professor Leonard Spina
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 TECH-104
 Telephone: (914) 606-6942

Reviewed By: _____
Date: _____
Approved By Chairperson/Dean: _____

Course #	SEMESTER 1	Credits	✓
CIVIL 103	Introduction to Technology (Tech Elective)	3	
MECH 144	Manufacturing I	3	
MECH 162	CAD I	3	
MATH 135	College Algebra with Trigonometry	4	
ENG 101	Composition & Literature 1	3	
	PE (fitness)-	1	

Course #	SEMESTER 2	Credits	✓
MATH 161	Pre-Calculus	4	
PHYS 101	Technical Physics I and Technical Physics I Lab	3	
ENG 102	Composition & Literature 2	3	
MECH 145	Manufacturing II	3	
MECH 163	CAD II	3	
	PE (Sport)-	1	

Course #	SEMESTER 3	Credits	✓
PHYS 102	Technical Physics II w Lab or	3	
PHYS 165	Principles of Energy		
MECH 122	Mechanisms	3	
MECH 265	CAD 3D Modeling Or Technical Elective*-	3	
ELEC 128	Electrical Circuits	3	
	Behavioral, Social Science or Humanities-	3	

Course #	SEMESTER 4	Credits	✓
MECH 156	Fluids	3	
MECH 289	Manufacturing Processes	3	
MECH 127	Intro to Thermodynamics	3	
CIVIL 201	Elements of Strength of Materials	3	
	Behavioral, Social Science or Humanities-	3	

Bold italic items are Core Requirements.

NOTES:

* Or approved substitute by Curriculum Chair

- ***Social Science*** courses include History (HIS), Political Science (POLSC), Economics (ECON) and Geography (GEOG).
- ***Behavioral Science*** courses include Sociology (SOC), Psychology (PSYCH), Anthropology (ANTHR) and Geography (GEOG). General Psychology is the prerequisite for all upper level psychology courses.
- ***Choose ONLY those courses whose descriptions are labeled as “humanities credits” from:*** ART, DANCE, ENG, MUSIC, FILM, THEAT, ARABC, CHINS, FREN, GER, ITAL, JAPNS, RUSSN, SPAN, PHIL.