

PROGRAM: AAS MECHANICAL TECHNOLOGY-PENDING

Division: Mathematics, Engineering and Physical Sciences
TECH-129 (914) 606-6788

64 Credits

Curriculum Chair

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

Reviewed By: _____

Date: _____

Approved By Chairperson/Dean: _____

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

Course #	SEMESTER 2	Credits	✓
MATH 115	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	
	<i>PE (fitness)-</i>	1	

Course #	SEMESTER 3	Credits	✓
PHYS 102	Technical Physics II and Technical Physics II Lab	3	
MECH 134	Product Development	3	
MECH 265	CAD 3D Modeling	3	
	Technical Elective*-	3	
	Behavioral, Social Science or Humanities-	3	

Course #	SEMESTER 4	Credits	✓
MECH 120	Mechanisms	3	
MECH 289	Manufacturing Processes	3	
MECH 220	Production Planning	3	
	CAD Elective-	.3	
	Behavioral, Social Science or Humanities-	3	
MECH 224	CNC Programming	3	

Bold italic items are Core Requirements.

NOTES:

* Or approved substitute by Curriculum Chair

- **Social Science** courses include History, Political Science, Economics and Geography.
- **Behavioral Science** courses include Sociology, Psychology and Anthropology. General Psychology is the prerequisite for all upper level psychology courses.
- **Humanities** courses include Art, Dance, Drama, Music, Foreign Language, Film, Philosophy, Theater and Photography at ARTWS.