

PROGRAM: AAS MECHANICAL TECHNOLOGY-PENDING

Division: Mathematics, Engineering and Physical Sciences

TECH-129 (914) 606-6788

Curriculum

Code: 0390

64 Credits

Curriculum Chair

Professor Leonard Spinna

TECH-104

Telephone: (914) 606-6942

Reviewed By: _____

Date: _____

Approved By Chairperson/Dean: _____

Course #	SEMESTER 1	Credits	✓
<i>MATH 115</i>	Introduction to Technology	3	
MECH 144	Manufacturing I	3	
MECH 260B	CAD I	3	
<i>MATH 110A</i>	<i>College Algebra with Trigonometry</i>	4	
<i>ENG 101</i>	<i>Composition & Literature 1</i>	3	
	<i>PE (fitness)-</i>	1	

Course #	SEMESTER 2	Credits	✓
<i>MATH 115</i>	<i>Pre-Calculus</i>	4	
<i>PHYS 107A</i>	<i>Technical Physics I and</i>	3	
<i>PHYS 108</i>	<i>Technical Physics I Lab</i>		
<i>ENG 102</i>	<i>Composition & Literature 2</i>	3	
MECH 145	Manufacturing II	3	
MECH 261B	CAD II	3	
	<i>PE (fitness)-</i>	1	

Course #	SEMESTER 3	Credits	✓
<i>PHYS 109</i>	<i>Technical Physics II and</i>	3	
<i>PHYS 110</i>	<i>Technical Physics II Lab</i>		
MECH 134	Product Development	3	
<i>MECH 265</i>	<i>CAD 3D Modeling</i>	3	
	Technical Elective*-	3	
	<i>Behavioral, Social Science or Humanities-</i>	3	

Course #	SEMESTER 4	Credits	✓
MECH 120	Mechanisms	3	
MECH 289	Manufacturing Processes	3	
MECH 220	Production Planning	3	
	CAD Elective-	.3	
	<i>Behavioral, Social Science or Humanities-</i>	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.