

2009-10 MODEL SCHEDULE
Mechanical Engineering Technology (B.S.)--5614

FALL 1st YEAR				credits	SPRING 1st YEAR				credits
ECON	2200	<i>Intro. to Economics</i>		3	COMM		<i>2200 or 2201 or 2202</i>	*	3
ENGL	1104	<i>Written English I</i>	*	3	ENGL	1108	<i>Written English II</i>	*	3
MATH	1101	<i>Applied Technical Math I</i>	*	3	MATH	1102	<i>Applied Technical Math II</i>	*	3
DRFT	1100	<i>Engineering Graphics</i>		3	ELEC	1100	<i>Circuit Analysis</i>	*	3
DRFT	2200	<i>Fundamentals of CAD</i>		3	MECH	1100	<i>Statics</i>	* c	3
MANF	1100	<i>Materials & Processes</i>		3					
TOTAL:				18	TOTAL:				15
FALL 2nd YEAR				credits	SPRING 2nd YEAR				credits
PHYS	1101	<i>Intro to Physics I</i>	*	4	PHYS	1102	<i>Intro to Physics II</i>	*	4
COMP	1101	<i>Applied Technical Programming</i>	*	3	MECH	2210	<i>Thermodynamics I</i>	*	3
MECH	2200	<i>Strength of Materials</i>	*	4	MECH	2220	<i>Fluid Mechanics</i>	*	3
ELEC	2250	<i>AC/DC Machinery & Controls</i>	*	3	MECH	2240	<i>Machine Design I</i>	*	3
TECH	2290	<i>Engineering Analysis I</i>	* so	4	DRFT	2235	<i>Technical Drafting</i>	*	3
TOTAL:				18	TOTAL:				16
FALL 3rd YEAR				credits	SPRING 3rd YEAR				credits
CHEM	1101	<i>General Chemistry</i>	*	4	CHEM	1102	<i>General Chemistry II</i>	* Sp	4
ENGL	1109	<i>Technical Report Writing</i>	*	3	G.S.	CIV			3
MECH	3300	<i>Thermodynamics II</i>	*	3	TECH	Elective			3
TECH	3300	<i>Engineering Analysis II</i>	*	4	G.S.	ARTS			3
G.S.	ARTS			3	MECH	3340	<i>Heating, AC, and Ventilation</i>	*	3
TOTAL:				17	TOTAL:				16
FALL 4th YEAR				credits	SPRING 4th YEAR				credits
G.S.	CIV			3	MECH	4400	<i>Mechanical Instruments</i>	*	3
MECH	3320	<i>Dynamics</i>	* m	3	MECH	4410	<i>Thermodynamics III</i>	*	3
MECH	3330	<i>Heat Transfer I</i>	* m	3	TECH	Elective			3
TECH	Elective			3	MECH	4430	<i>Heat Transfer II</i>	*	3
G.S.	CIV			3	G.S.	HUM			3
TOTAL:				15	TOTAL:				15

TOTAL: 133

This model schedule is designed to be used in conjunction with the 2009-10 Fairmont State University/Pierpont Community & Technical College catalog.

- * Refer to course descriptions for prerequisite details
- c Courses must be taken concurrently
- m Major restricted
- so Sophomore standing required
- Sp Offered Spring semester only

LEGEND:

^	See catalog or program requirements for further details
*	Offered fall semester only
**	Offered spring semester only
c	Classes to be taken concurrently
#	Must have senior standing to enroll
##	Must have junior or senior standing to enroll
m	Major restriction
+	See catalog for additional prerequisites
a	Advisor approval needed
PPST	PPST must be successfully completed to enroll
/	or
~	First semester second field option is foreign language
>	Even-numbered fall semesters only
<	Odd-numbered spring semesters only

L.S. Art.	Liberal Studies--Artistic/Creative/Interdisciplinary elective
L.S. Civ.	Liberal Studies--Culture/Civilization Exploration elective
L.S. Hum.	Liberal Studies--Society/Human Interaction elective
L.S. Science	Liberal Studies--Scientific Discovery elective
L.S. Math	Liberal Studies--College-level Math elective
L.S. FYE	First-Year Experience course