

**Associate of Applied Science Degree  
Mechanical Technology with Power Utility Emphasis  
2 year Plan 2011-2012**

<b>Semester I Fall</b>	<u>Credits</u>
General Ed Requirements (see courses on catalog degree sheet)	3
<i>Concentration credits</i>	3
MT 102B Fundamentals of Electricity	4
MATH 116 or above (except MATH 122,123)	3
General Ed Requirements (see courses on catalog degree sheet)	<u>3</u>
	16
 <b>Semester II Spring</b>	
EKG 131 Technical Physics I	4
<i>Concentration credits</i>	3
MT 104B Industrial Electricity	4
MT 108B Fluid Power (Pneumatics, hydraulics, Instrumentation)	<u>4</u>
	15
 <b>Semester III Summer</b>	
General Education Requirements (see courses on catalog degree sheet)	3
General Education Requirements (see courses on catalog degree sheet)	<u>4</u>
	7
 <b>Semester IV Fall</b>	
MT 106B Mechanical Power Transmission	4
MT 110B Material Science I (Ferrous and Non-Ferrous)	4
MT 115B Programmable Logic Controllers I	3
MT 180B Co-Op/Internship First Semester	<u>3</u>
	14
 <b>Semester V Spring</b>	
MT 181B Co-Op/Internship Second Semester	3
Science Requirements (see courses on catalog degree sheet)	3
Science Requirements (see courses on catalog degree sheet)	3
General Ed Requirements (see courses on catalog degree sheet)	3
<i>Concentration credits</i>	<u>3</u>
	15
<b>Total Credits</b>	<b>67</b>

***Concentration Courses:***

For Mechanical Maintenance:

CADD 105, ESH 240B, WELD 130B, 132B, 133B, 134B

For Electrical Maintenance:

AC 102B, 103B, CADD 105, CONS 130B, ESH 207, 240B, ET 100, MT 1116B

For Plant Operations:

CADD 105B, EMA 101, 102, ESH 207, ET 100B, 106B