

Northeastern Junior College

WIND TECHNOLOGY

PROGRAM ADVISEMENT GUIDE

Two-Year A.A.S. Degree - 64 Semester Credits

Catalog Date: 2016-2017

Name _____
 S# _____
 Date _____
 Advisor _____

FRESHMAN YEAR

SOPHOMORE YEAR

<u>Fall Semester</u>	Credits
_____ EIC 101 Job Training and Safety	3
_____ WTG 100 Intro to Wind Industry	3
_____ ELT 106 Fundamentals of AC/DC	4
_____ MIL 101 Lifting Devices	1
_____ IMA 100 Intro to Industrial Maintenance	3
_____ MAT ____ Math Requirement	3
_____ PED 101 Conditioning Lab	1

<u>Fall Semester</u>	Credits
_____ IMA 150 Industrial Problem Solving	2
_____ IMA 160 Basic Fluid Power	3
_____ EIC 220 Industrial Electrical Controls	4
_____ ELT 258 Programmable Logic Controllers	3
_____ COM ____ Communications requirement	3
_____ <i>ELT 259 Advanced PLCs (Optional)</i>	3

Spring Semester

Spring Semester

_____ ELT 107 Fundamentals of Industrial Electronics	3
_____ ELT 252 Motors and Controls	3
_____ IMA 120 Industrial Rotating Equipment	3
_____ WTG 110 Power Distribution & Control Systems	3
_____ ENG ____ English requirement	3
_____ CIS 118 Intro to PC Applications	3

_____ WTG 230 Wind Turbine Systems	3
_____ WTG 220 WTG Troubleshooting and Repair	4
_____ WTG 289 Wind Tech Capstone	2
_____ MAN 128 Human Relations	3
_____ HWE 103 Community First Aid and CPR	1

General Education Requirements:

_____ MAT 107 or higher	3
_____ CIS 118 Intro to PC Applications	3
_____ ENG 131 Technical Writing I OR	
_____ ENG 121 English Composition I	3
_____ COM 125 Interpersonal Communications OR	
_____ COM 115 Public Speaking	3
_____ MAN128 Human Relations	3

Suggested Electives:

_____ WTG 280 Wind Technician Internship	6
_____ ELT 259 Adv. Programmable Logic Control	3
_____ MAT 135 Intro to Statistics	3
_____ BUS 115 Intro to Business	3
_____ AME 151 Fundamentals of Welding	3
_____ WTG 175 Special Topics	2
_____ WTG 275 Special Topics	2
_____ Any Foreign Language	3

TOTAL CREDITS EARNED TO DATE _____
 Educational Goal _____

Added or dropped courses and curriculum changes may not be reflected on this sheet.
 This is an advising sheet and does not register you for classes!

REVISED 4/1/16- JTH

Please refer to the college catalog for additional details.

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INDUSTRIAL TECHNICIAN

PROGRAM ADVISEMENT GUIDE

Name: _____

S# _____

Date: _____

Advisor: _____

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WIND TECHNICIAN CORE CERTIFICATE (31 CR)

_____ EIC 101	Job Training & Safety	3
_____ WTG 100	Intro to Wind Industry	3
_____ ELT 106	Fundamentals of AC/DC	4
_____ ELT 107	Fundamentals of Industrial Electronics	3
_____ ELT 252	Motors and Controls	3
_____ MAT 107	Career Math	3
_____ ENG 131	Technical Writing	3
_____ CIS 118	Intro to PC Applications	3
_____ COM 125	Interpersonal Communications	3
_____ MAN 128	Human Relations	3

****Open to any student****

****Must pass EIC 101 with a 90%****

INDUSTRIAL MAINTENANCE CERTIFICATE (18.5 CR)

_____ EIC 101	Job Training and Safety	3
_____ ELT 106	Fundamentals of AC/DC	4
_____ MIL 101	Lifting Devices	1
_____ IMA 100	Intro to Industrial Maintenance	3
_____ IMA 120	Industrial Rotating Equipment	3
_____ MAT 107	Career Math	3
_____	Minimum of 1.5 credits in welding courses	1.5

****Open to any student****

****Must pass EIC 101 with a 90%****

INDUSTRIAL MOTOR CONTROL CERTIFICATE (27 CR)

_____ EIC 101	Job Training and Safety	3
_____ ELT 106	Fundamentals of AC/DC	4
_____ ELT 107	Fundamentals of Industrial Electronics	3
_____ WTG 110	Power Distribution & Control Systems	3
_____ ELT 252	Motors and Controls	3
_____ ELT 258	Programmable Logic Controllers	3
_____ IMA 150	Industrial Problem Solving	2
_____ MAT 107	Career Math	3
_____ CIS 118	Intro to PC Applications	3

****Open to any student****

****Must pass EIC 101 with a 90%****

There may be other general education and elective course options: Please question your academic advisor about these options?

Please refer to the college catalog for additional details.

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