



Advanced Mechatronics Engineering Tech, AAS – Advising Worksheet 2017-2018

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LAST NAME _____ FIRST NAME _____ M.I. _____ STUDENT ID _____ DATE OF BIRTH _____

Program of Study and Career Goals					
COURSE	COURSE TITLE	CREDITS	RECOMMENDED SEMESTER	COURSE TAKEN	SEMESTER COMPLETED
REQUIRED COURSES					
AMET 120	Basic Electricity and DC Electronics	4	1 st year/1 st Semester		
AMET 120L	Basic Electricity and DC Electronics Lab	2	1 st year/1 st Semester		
AMET 130	AC Electronics	4	1 st year/1 st Semester		
AMET 130L	AC Electronics Lab	2	1 st year/1 st Semester		
AMET 135	Industry Hand Tool Basics and Workplace Safety	1	1 st year/1 st Semester		
PHYS 100 & 100L or PHYS 111 & 111L (GE Elective)	Survey of Physics & Lab General Physics 1 & Lab	4	1 st year/1 st Semester		
AMET 140	Analog Electronics	3	1 st year/2 nd Semester		
AMET 140L	Analog Electronics Lab	2	1 st year/2 nd Semester		
AMET 150	Digital Electronics	3	1 st year/2 nd Semester		
AMET 150L	Digital Electronics Lab	2	1 st year/2 nd Semester		
AMET 195	Fundamentals of Computer Programming and Networking	2	1 st year/2 nd Semester		
GEM 1	Written Communication course	3	1 st year/2 nd Semester		
GEM 2	Oral Communication course	3	1 st year/2 nd Semester		
AMET 200	Programmable Logic Controllers	2	2 nd year/3 rd Semester		
AMET 200L	Programmable Logic Controllers Lab	1	2 nd year/3 rd Semester		
AMET 210	Microprocessor-Based Embedded Controllers	2	2 nd year/3 rd Semester		
AMET 210L	Microprocessor-Based Embedded Controllers Lab	1	2 nd year/3 rd Semester		
AMET 220	Industrial Automated Controls & Instrumentation	3	2 nd year/3 rd Semester		
AMET 220L	Industrial Automated Controls & Instrumentation Lab	1	2 nd year/3 rd Semester		
AMET 230	Industrial Robotics	2	2 nd year/3 rd Semester		
AMET 230L	Industrial Robotics Lab	1	2 nd year/3 rd Semester		
AMET 235	Fluid Power Systems	1	2 nd year/3 rd Semester		
GEM 3	Mathematical Ways of Knowing course	3	2 nd year/3 rd Semester		
AMET 240	Modulation and Transmission Technology	2	2 nd year/4 th Semester		
AMET 240L	Modulation and Transmission Technology Lab	1	2 nd year/4 th Semester		
AMET 245	Communication Systems Technology	2	2 nd year/4 th Semester		
AMET 245L	Communication Systems Technology Lab	1	2 nd year/4 th Semester		
AMET 250	Industry Certifications	1	2 nd year/4 th Semester		
AMET 280	Renewable & Traditional Energy Technology	3	2 nd year/4 th Semester		
AMET 280L	Renewable & Traditional Energy Technology Lab	1	2 nd year/4 th Semester		
AMET 290	Applied Mechatronics	3	2 nd year/4 th Semester		
GEM 6	Social & Behavioral Ways of Knowing course	3	2 nd year/4 th Semester		
Min. Credit Hours Req.		69			

NOTE: Students can replace up to 15 credits from technical courses numbered 195 and above, except AMET 250 with qualified technical classes taken elsewhere. Program-approved Equivalent Technical Credits may also be accepted. Only State of Idaho approved Badges may qualify for Equivalent Technical Credits. (Qualified technical classes and earned badges are subject to program approval.)

STUDENT SIGNATURE _____

DATE _____