

Mining Technology - AAS - Mechanics Option (60-72 credits)

Name _____ Empl ID# _____

Madisonville
Advising Plan

2009
-2010

General Education & Technical Core Requirements

Course	Hrs	Grade	Semester
ENG 101 Writing I	3		
MT 125 Technical Algebra & Trigonometry <u>or</u> MT 150 College Algebra	3		
ECO 201 Principle of Microeconomics	3		
GLY 101 Physical Geology and GLY 111 Lab for Physical Geology <u>or</u> Science	4		
Heritage <u>or</u> Humanities <u>or</u> Foreign Language	3-4		
Oral Communications	3		
ET 155 Elements -Undergrnd & Surface Mining	3		
ET 156 Elements -Undergrnd & Surface Mining Lab	1		
ET 150 Mining Laws	3		
KHP 190 First Aid and Emergency Care* (*Course substitute for ET 190 Mine Emergency Technician)	3		
ET 275 Mine Management	3		
CIS 100 Introduction to Computers <u>or</u> CAD 100 Intro to Computer Aided Drafting	3		
**IMT 150 Maintaining Industrial Equipment I	3		
**IMT 151 Maintaining Industrial Equipment I Lab	2		
EFM 100 Personal Finance Management <u>or</u> BA 120 Personal Finance	3		
COE 199 Cooperative Ed <u>or</u> COED 198 Practicum	1-8		

Subtotal Credits: 44-51 hours

Program Coordinator: Rick Caskey

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Mechanics Option Courses

Course	Hrs	Grade	Semester
ET 102 Blueprint Reading	2		
ET 265 Applied Fluid Power <u>or</u> **FPX 100 Fluid Power and	3		
**FPX 101 Fluid Power Lab <u>or</u>	(3)		
**ET 271 Mining Mechanics and Hydraulics	(2)		
**ET 122 Mechanical Power Transmission Systems	(5)		
**IMT 100 Welding for Maintenance and	3		
**IMT 101 Welding for Maintenance Lab	3		
*Technical Electives (*Any EET, ET, ENGT, IMT, CIS, NIS, IT, ISM, ENV, SMT, CAD, ICT, MFG or other courses with approval)	2		
	3-6		

Subtotal Credits: 16-21 hours

Mining students may take AIT course modules individually and out of sequence

****Mining Crosswalk into AIIT Courses Key**

ET 122 = AIT 2102 + AIT 2103 + AIT 1002 + AIT 1202

ET 123 & ET 125 = AIT 1001 + AIT 1002 + AIT 1101

ET 201 = No AIIT Crosswalk courses – Contact Program Coordinator for course substitution

ET 244 = AIT 1002 + AIT 1401 + AIT 1501

ET 261 = No AIIT Crosswalk courses - Contact Program Coordinator for course substitution

ET 264 = No AIIT Crosswalk courses - Contact Program Coordinator for course substitution

ET 271 = AIT 1003 + AIT 1102 + AIT 1403 + AIT 1503 + AIT 2102 + AIT 2103

FPX 100 & FPX 101 = AIT 1003 + AIT 1102 + AIT 1403 + AIT 1503

IMT 150 & IMT 151 = AIT 2101 + AIT 2102 + AIT 2103 + AIT 1203

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SAMPLE SCHEDULING PLAN	
<p>FIRST YEAR</p> <p><u>First Summer Semester</u></p> <p>MT 125 <u>or</u> MT 150</p> <p><i>Total: 3 credits</i></p>	<p>SECOND YEAR</p> <p><u>Second Summer Semester</u></p> <p>ECO 201 Principles of Microeconomics</p> <p><i>Total: 3 credits</i></p>
<p><u>First Fall Semester</u></p> <p>ENG 101 ET 150 KHP 190 (<i>Approved substitute for required ET 190</i>) ET 155 and ET 156 GLY 101 and GLY 111 <u>or</u> Science</p> <p><i>Total: 17 credits</i></p>	<p><u>Second Fall Semester</u></p> <p>ET 102 **ET 122 ET 265 <u>or</u> **FPX 100 and **FPX 101 <u>or</u> **ET 271 **IMT 100 and **IMT 101</p> <p><i>Total: 13-15 credits</i></p>
<p><u>First Spring Semester</u></p> <p>**IMT 150 and **IMT 151 Computer Literacy EFM 100 <u>or</u> BA 120 Heritage/Humanities/Foreign Language Oral Communications</p> <p><i>Total: 17 credits</i></p>	<p><u>Second Spring Semester</u></p> <p>ET 275 Technical Electives* (3-6) COE 199 Cooperative Education <u>or</u> COED 198 Practicum (1-8)</p> <p><i>Total: 7-17 credits</i></p>
<p><u>Program Coordinator's Notes:</u></p> <p>*Technical Electives: Any EET, ET, ENGT, IMT, CIS, NIS, IT, ISM, ENV, SMT, CAD, ICT, MFG or any other course as approved by the program coordinator.</p>	

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ET 264 = No AIIT Crosswalk courses - Contact Program Coordinator for course substitution

ET 271 = AIT 1003 + AIT 1102 + AIT 1403 + AIT 1503 + AIT 2102 + AIT 2103

FPX 100 & FPX 101 = AIT 1003 + AIT 1102 + AIT 1403 + AIT 1503

IMT 150 & IMT 151 = AIT 2101 + AIT 2102 + AIT 2103 + AIT 1203