

Mining Technology - AAS - Engineering Operations Option (65-76 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 - Underground & Surface Mining	3		
ET 156 Elements - Underground & 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 Education <u>or</u> COED 198 Practicum	1-8		

Subtotal Credits: 44-51 hours

Engineering Operations Option Courses

Course	Hrs	Grade	Semester
MT 155 Trigonometry <u>or</u> MA 112 Trigonometry	2-3		
**ET 201 Statics and Strength of Materials	4		
**ET 261 Instrumentation and Measurements	3		
**ET 264 Mechanical Design	4		
Technical Electives (Any EET, ET, ENGT, IMT, CIS, NIS, IT, ISM, ENV, SMT, CAD, ICT, MFG or other course as approved by program coordinator.)	8-11		

Subtotal Credits: 21-25 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

Program Coordinator: Rick Caskey
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Mining Technology - AAS - Engineering Operations Option (64-75 credits)

SAMPLE SCHEDULING PLAN	
FIRST YEAR <u>First Summer Semester</u> Mathematics course – MT 125 <u>or</u> MT 150 <i>Total: 3 credits</i>	SECOND YEAR <u>Second Summer Semester</u> MA 112 <u>or</u> MT 155 <i>Total: 2-3 credit</i>
<u>First Fall Semester</u> ENG 101 ET 150 KHP 190 (Approved substitute for required ET 190) ET 155 and ET 156 GLY 101 and GLY 111 <u>or</u> Other Science <i>Total: 17 credits</i>	<u>Second Fall Semester</u> ECO 201 ET 261 ET 201 ET 275 Technical Electives* (3) <i>Total: 16 credits</i>
<u>First Spring Semester</u> **IMT 150 and **IMT 151 (**Students will enroll in AIT 2101 + AIT 2102 + AIT 2103 + AIT 1203) Computer Literacy or skill demonstration by exam EFM 100 <u>or</u> BA 120 Heritage/Humanities/Foreign Language Oral Communications <i>Total: 16-17 credits</i>	<u>Second Spring Semester</u> ET 264 ET 275 Technical Electives* (5-8) COE 199 Cooperative Education <u>or</u> COED 198 Practicum (1-8) <i>Total: 10-20 credits</i>
<u>Program Coordinator's Notes:</u> *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.	

**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