

# Mining Technology - AAS - Electricians Option (60-74 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 <b>and</b> 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	0-3		
**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: 43-51 hours**

**Program Coordinator: Rick Caskey**  
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## Electricians Option Courses

Course	Hrs	Grade	Semester
**ET 123 Mining Electricity I	4		
**ET 125 Mining Electricity I Lab	1		
**IMT 110 Industrial Maintenance Electrical Principles <b>and</b>	3		
**IMT 111 Industrial Maintenance Electrical Principles Lab <u>or</u>	2		
**ET 244 Electrical Machinery & Controls	(4)		
ET 250 Programmable Logic Controllers	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)	3-9		

**Subtotal Credits: 17-23 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><b>FIRST YEAR</b>  <u>First Summer Semester</u>                      MT 125 <b>or</b> MT 150   <i>Total: 3 credits</i></p>	<p><b>SECOND YEAR</b>  <u>Second Summer Semester</u>                      ECO 201 Principles of Microeconomics   <i>Total: 3 credits</i></p>
<p><u>First Fall Semester</u>                      ENG 101                      ET 150                      KHP 190 (<i>Approved substitute for required ET 190</i>)                      ET 155 <b>and</b> ET 156                      GLY 101 <b>and</b> GLY 111 <b>or</b> Science   <i>Total: 17 credits</i></p>	<p><u>Second Fall Semester</u>                      **ET 123 <b>and</b> **ET 125                      **IMT 110 <b>and</b> **IMT 111 <b>or</b> ET 274                      ET 275   <i>Total: 13-14 credits</i></p>
<p><u>First Spring Semester</u>                      **IMT 150 <b>and</b> **IMT 151                      Computer Literacy                      EFM 100 <b>or</b> BA 120                      Heritage/Humanities/Foreign Language                      Oral Communications   <i>Total: 17 credits</i></p>	<p><u>Second Spring Semester</u>                      ET 250                      Technical Electives* (3-9)                      COE 199 Cooperative Education <b>or</b> COED 198 Practicum (1-8)   <i>Total: 8-21 credits</i></p>
<p><b><u>Program Coordinator's Notes:</u></b></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>	

### **\*\*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