

## MUE + EE Minor NEW ECE Numbering

**New EE Minor Class Added**

**Existing EE Minor Class**

**Class Moved**

ECE 218 — Data Structures ————— 3 Removed

(\*) indicates ECE Change of course number

When placing the EE minor, ECE305 was counted twice as both core and elective hours. This required the addition of an extra ECE class for the minor. However, ECE218 is not required for the EE minor (it is Programming II) but we highly recommend taking it (see addendum at end). So I was able to make the swap to hold hours constant.

Current Bulletin Total Hours MUE + EE:            127

New Modified Bulletin Total Hours MUE + EE:    127

**This version does not change the overall hours required for the MUE+EE Degree unless the student willingly takes ECE312 in lieu of ECE307 senior year, which adds 1 credit.**

**Year 1 Fall**

MMI 13	Music Engineering Forum	0
	Principal Instrument/Voice Lesson & Studio Class	2
	MTC/MSJ/MMI 140 Experiential Musicianship I	3
	MTC/MSJ/MMI 107 Skills Lab I	1
MKP 140	Keyboard Studies I	1
MMI 201	Introduction to Music Recording	3
ENG 105	English Composition I	3
MTH 161	Calculus I	4
UMX 100	The University Of Miami Experience	0
	Ensemble	1
	Term Credit Hours:	18

**Year 1 Spring**

MMI 13	Music Engineering Forum	0
	Principal Instrument/Voice Lesson & Studio Class	2
	MTC/MSJ/MMI 141 Experiential Musicianship II	3
	MTC/MSJ/MMI 108 Skills Lab II	1
MKP 141	Keyboard Studies II	1
<b>MMI 160</b>	<b>Ensemble Recording Workshop I</b>	<b>3</b>
ENG 106	English Composition II	3
MTH 162	Calculus II	4
	Ensemble	1
	Term Credit Hours:	18

### Year 2 Fall

MMI 13	Music Engineering Forum	0
	Principal Instrument/Voice Lesson & Studio Class	2
	MTC/MSJ/MMI 240 Experiential Musicianship III	3
	MTC/MSJ/MMI 207 Skills Lab III	1
MMI 401	Audio Electronics (AWC)	3
ECE 118	Introduction to Programming	3
ECE 201	Electrical Circuit Theory	3
	Ensemble	1
	Term Credit Hours:	16

### Year 2 Spring

MMI 13	Music Engineering Forum	0
	Principal Instrument/Voice Lesson & Studio Class	2
	MTC/MSJ/MMI 241 Experiential Musicianship IV	3
	MTC/MSJ/MMI 208 Skills Lab IV	1
<b>MMI 161</b>	<b>Ensemble Recording Workshop II</b>	<b>3</b>
ECE 203	Electrical Circuits Laboratory	1 (*)
<del>ECE 218</del>	<del>Data Structures</del>	<del>3</del>
PHY 205	University Physics I	3
	Ensemble	1
	Term Credit Hours:	14 (was 17)

### Year 3 Fall

MMI 13	Music Engineering Forum	0
	Principal Instrument/Voice Lesson & Studio Class	2
MCY 140	Experiencing Music	3
<b>MMI 151</b>	<b>Desktop Audio Production</b>	<b>3</b>
MMI 502	Audio Signal Processing I	3
ECE 211	Logic Design	3 (*)
	Ensemble	1
	Term Credit Hours:	15

### Year 3 Spring

MMI 13	Music Engineering Forum	0
	Principal Instrument/Voice Lesson & Studio Class	2
MCY 141	Musical Traditions (AWC)	3
<b>MMI 436</b>	<b>Audio Postproduction</b>	<b>3</b>
<b>MMI 172</b>	<b>Music Engineering Laboratory</b>	<b>1 ** TYPO: was MMI 171</b>
MMI 503	Audio Signal Processing II	3
ECE 202	Electronics I	3 (*)
	Ensemble	1
	Term Credit Hours:	16

**Year 4 Fall**

MMI 13	Music Engineering Forum	0
MMI 310	Music Business and Entrepreneurship	3
MMI 460	Recital Recording And Sound Reinforcement (Recording Services)	
	or	
MMI 465	Music Engineering Internship	
	or	
MMI 505	Current Trends In Music Engineering I	
	or	
MMI 506	Current Trends In Music Engineering II	
	or	
MMI 508	Current Trends In Music Engineering III	

3 (\*)

**ECE 302    Electronics II**

People & Society Cognate		3
People & Society Cognate		3
Term Credit Hours:		15

3

3

3

15

**Year 4 Spring**

MMI 13	Music Engineering Forum	0
MMI 410	Music Engineering Capstone Project (AWC)	3
MMI 510	Computational Psychoacoustics	
	or	
MMI 521	Timbral Ear Training	
	or	
CIM 353	Post Production Sound Editing and Design	
	or	
MMI 361	Acoustics	3
MMI 501	Transducer Theory	3
People & Society Cognate		3

**ECE 206    Circuits, Signals And Systems (\*)**

or  
**ECE 212    Processors: Hardware, Software, And Interfacing (\*)**

Term Credit Hours:		3
		15

3

15

Total EE Minor Hours:

Core:

ECE 201	3
ECE 205	1 (*)
ECE 202	3 (*)

Elective:

ECE 211	3 (*)
ECE 302	3 (*)
ECE 206/212	3 (*)

Satisfies EE Minor:

7 core credits + 8 or more Elective credits

**We have 7 + 9 = 16 total credits**

**Addendum:**

EE Minor Students are strongly encouraged to also take these classes, time permitting:

ECE 218	Data Structures	3
ECE 318	Algorithms	3
ECE 336	Discrete-Time Signals And Systems	3

## MUE + CE Minor NEW ECE Numbering

### New CE Minor Class Added

### Existing CE Minor Class

### Class Moved

ECE 305 ——— Electronics I ————— 3 Removed

Current Bulletin Total Hours MUE + EE: 127

New Modified Bulletin Total Hours MUE + CE: 129

**The net gain of +2 hours comes from the fact that the CE Minor requires 3 extra hours; we were able to slice 1 hour off by removing an unneeded class.**

### Year 1 Fall

MMI 13	Music Engineering Forum	0
	Principal Instrument/Voice Lesson & Studio Class	2
MTC/MSJ/MMI 140	Experiential Musicianship I	3
MTC/MSJ/MMI 107	Skills Lab I	1
MKP 140	Keyboard Studies I	1
MMI 201	Introduction to Music Recording	3
ENG 105	English Composition I	3
MTH 161	Calculus I	4
UMX 100	The University Of Miami Experience	0
Ensemble		1
	Term Credit Hours:	18

### Year 1 Spring

MMI 13	Music Engineering Forum	0
	Principal Instrument/Voice Lesson & Studio Class	2
MTC/MSJ/MMI 141	Experiential Musicianship II	3
MTC/MSJ/MMI 108	Skills Lab II	1
MKP 141	Keyboard Studies II	1
<b>MMI 160</b>	<b>Ensemble Recording Workshop I</b>	<b>3</b>
ENG 106	English Composition II	3
MTH 162	Calculus II	4
Ensemble		1
	Term Credit Hours:	18

### Year 2 Fall

MMI 13	Music Engineering Forum	0
	Principal Instrument/Voice Lesson & Studio Class	2
	MTC/MSJ/MMI 240 Experiential Musicianship III	3
	MTC/MSJ/MMI 207 Skills Lab III	1
MMI 401	Audio Electronics (AWC)	3
ECE 118	Introduction to Programming	3
ECE 201	Electrical Circuit Theory	3
Ensemble		1
	Term Credit Hours:	16

### Year 2 Spring

MMI 13	Music Engineering Forum	0
	Principal Instrument/Voice Lesson & Studio Class	2
	MTC/MSJ/MMI 241 Experiential Musicianship IV	3
	MTC/MSJ/MMI 208 Skills Lab IV	1
<b>MMI 161</b>	<b>Ensemble Recording Workshop II</b>	<b>3</b>
ECE 203	Electrical Circuits Laboratory	1 (*)
ECE 218	Data Structures	3
PHY 205	University Physics I	3
Ensemble		1
	Term Credit Hours:	17

### Year 3 Fall

MMI 13	Music Engineering Forum	0
	Principal Instrument/Voice Lesson & Studio Class	2
MCY 140	Experiencing Music	3
<b>MMI 151</b>	<b>Desktop Audio Production</b>	<b>3</b>
MMI 502	Audio Signal Processing I	3
ECE 211	Logic Design	3 (*)
Ensemble		1
	Term Credit Hours:	15

### Year 3 Spring

MMI 13	Music Engineering Forum	0
	Principal Instrument/Voice Lesson & Studio Class	2
MCY 141	Musical Traditions (AWC)	3
<b>MMI 436</b>	<b>Audio Postproduction</b>	<b>3</b>
<b>MMI 172</b>	<b>Music Engineering Laboratory</b>	<b>1 ** TYPO: was MMI 171</b>
MMI 503	Audio Signal Processing II	3
ECE 315	Digital Design Lab	1
ECE 316	Structured Digital Design	1
<del>ECE 305</del>	<del>Electronics I</del>	<del>3</del>
Ensemble		1
	Term Credit Hours:	15 (was 16)

**Year 4 Fall**

MMI 13	Music Engineering Forum	0
MMI 310	Music Business and Entrepreneurship	3
MMI 460	Recital Recording And Sound Reinforcement (Recording Services)	
	or	
MMI 465	Music Engineering Internship	
	or	
MMI 505	Current Trends In Music Engineering I	
	or	
MMI 506	Current Trends In Music Engineering II	
	or	
MMI 508	Current Trends In Music Engineering III	
		3
<b>ECE 318</b>	<b>Algorithms</b>	<b>3</b>
	People & Society Cognate	3
	People & Society Cognate	3
	Term Credit Hours:	15

**Year 4 Spring**

MMI 13	Music Engineering Forum	0
MMI 410	Music Engineering Capstone Project (AWC)	3
MMI 510	Computational Psychoacoustics	
	or	
MMI 521	Timbral Ear Training	
	or	
CIM 353	Post Production Sound Editing and Design	
	or	
MMI 361	Acoustics	3
MMI 501	Transducer Theory	3
	People & Society Cognate	3
<b>ECE 212</b>	<b>Processors: Hardware, Software, And Interfacing (*)</b>	<b>3</b>
	Term Credit Hours:	<b>15</b>

## Total CE Minor Hours:

## Core:

ECE 118	3
ECE 218	3
ECE 211	3 (*)
ECE 212	3 (*)

## Elective:

ECE 315	1
ECE 316	1

ECE 318      3

Satisfies CE Minor: 12 core credits + 5 or more Elective credits = 17 total credits

**Addendum:**

CE Minor Students are strongly encouraged to also take these classes, time permitting:

ECE 202	Electronics I	3 (*)
ECE 302	Electronics II	3
ECE 306	Discrete-Time Signals And Systems	3