**Music Pro: Music Pro II (Sophomores)**

**Course Goals**

1. The student will produce work at a high quality
2. The student will review and create signal chains with proper signal levels using sound systems.
3. The student will understand the history of multi-track recording.
4. The student will review how sound systems relate to digital recording.
5. The student will learn basic music theory and basic 17th century strict counterpoint. The student will then apply these topics to “real world” situations.
   1. Radio Spots
   2. TV Jingles
   3. TV Themes
   4. Movie Soundtracks and Scores
6. The student will review/learn how to record/engineer various genres, and their historical backgrounds.
7. The students will gain an advanced understanding of MIDI concepts.
8. The students will perform live and with others two original compositions.
9. The student will review/learn about effects and their relationship to recordings.
10. The student will learn advanced recording techniques in Pro Tools and Reason and see how these techniques translate to different DAW’s such as Ableton and Logic. These will include, not limited to:
    1. Warping/Quantizing
    2. Remixing
11. The student will learn about the proper codecs and their uses in the audio world.
    1. WAV/AIFF
    2. MP3
    3. OGG
    4. Flac
12. The student will more about the business of music.
13. The student will learn more advanced techniques in mixing and arranging.
14. The student will have a more advanced concept of sampling and the copyright issues that go with sampling.
15. The student will engineer and tech two live events in a year. (One per semester)
16. The student will be required to attend Music Pro Nights and Battle of the Bands.

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| Dates (Subject to change without warning) | Objective | Materials Needed | Assessment |
| 1: Aug. 24 | Paperwork, Rules, Expectations, and Extra Materials,  Class overview. Possibly start curriculum. | Thumb Drive  Handbook |  |
| Aug. 25-28 | Collect Paperwork, Basic Music Theory(BMT): Note Names and Clefs  Music Pro (MP): Review of Live Sound Systems and the history of multi-track recording. | Pencil and Paper, Spencer, and Reason | Test on Note Names Treble and Bass Clef on 28th. |
| 2: Aug. 31-Sept. 4 | BMT: Intervals  MP: Review Sound Theory, Frequency Response, Codecs and Acoustics | Lectures, Handouts, Pro Tools, and Reason. | MITSO: Modern Country |
| 3: Sept. 7 | Holiday | No School |  |
| 3: Sept. 8-11 | BMT: Scales  MP: Sampling without Recycle.  MITSO: Minimalism. | Lectures, Handouts, Listening, Pro Tools and Reason | Scale building test.  MITSO: Minimalism |
| 4: Sept. 14-15 | BMT: Chords  MP: All the effects in Reason and Pro Tools. MITSO Musique Concrete | Lectures, Handouts, Listening, Pro Tools and Reason | MITSO: Musique Concrete adapted |
| 4: Sept. 16 | Early Release Day |  |  |
| 4: Sept. 17-18 | BMT: Chords  MP: All the effects in Reason and Pro Tools | Lectures, Handouts, Listening, Pro Tools and Reason | MITSO: Musique Concrete adapted |
| 5: Sept. 21-25 | BMT: 7th Chords  MP: Synthesis | Lectures, Handouts, Listening, Pro Tools and Reason | MITSO: Funk |
| 6: Sept. 28-Oct. 2 | MP: Prep for Music Pro Night. Live sound techniques. | Mixers, Cables, and Other Materials | Live Band Rehearsal |
| 7: Oct. 5-9 | MP: Prep for Music Pro Night. Live sound techniques. | Mixers, Cables, and Other Materials | Live Band Rehearsal |
| 8: Oct. 12-16 | Johann Fux: *On the Study of Counterpoint* from *Gradus ad Parnauss* (OSC): MP: Prep for Music Pro Night. Live sound techniques. | Mixers, Cables, and Other Materials | Live Band Rehearsal |
| 9: Oct. 19-22 | OSC: Two Note Second Species  MP: Warping and Quantizing: Rap/Hip-Hop | Lectures, Handouts, Listening, Pro Tools and Reason | MITSO: Halloween Music |
| 10: Oct. 26-30 | Music Pro Week |  | Live Band Performance |
| 10: Oct. 27 | Music Pro Tech Rehearsal | REQUIRED EVENT | REQUIRED EVENT |
| 11: Nov. 2-6 | OSC: Two Note Third Species  MP: Remixing | Lectures, Handouts, Listening, Pro Tools and Reason | MITSO: Remixing |
| 11: Nov. 3 | Music Pro Night | REQUIRED EVENT | REQUIRED EVENT |
| 12: Nov. 9-10 | NCMEA: Sub. |  |  |
| 12: Nov. 11: | Holiday | No School |  |
| 12: Nov. 12-13 | Music Business (MB): How to assemble your team. | Lectures | Possible Guest? |
| 13: Nov 16-24 | OSC: Two Note Third Species  MP:  MITSO: TV Theme | Lectures, Handouts, Listening, Pro Tools and Reason | MITSO: TV Theme |
| 13: Nov. 25-27 | Thanksgiving Break | No School |  |
| 14: Nov. 30-Dec 4. | OSC: Two Note Fourth Species: Ligatures:  MP: MITSO: TV Jingle | Lectures, Handouts, Listening, Pro Tools and Reason | MITSO: TV Jingle |
| 15: Dec. 7-11 | OSC: Two Note Florid Species:  MP: MITSO: Radio Spot | Lectures, Handouts, Listening, Pro Tools and Reason | MITSO: Radio Spot |
| 16: Dec. 14-18 | OSC: Two Note Florid Species:  MP: MITSO: Movie Trailer or Ending | Lectures, Handouts, Listening, Pro Tools and Reason | MITSO: Movie Trailer |
| 16: Dec. 21-Jan 3. | Winter Break | No School |  |
| 16: Jan. 4. | Teacher workday | No School |  |
| 17: Jan. 5-8 | OSC: Three Note Counterpoint: First Species  MITSO: Salsa | Lectures, Handouts, Listening, Pro Tools and Reason | MITSO: Salsa |
| 18: Jan. 11-20 | Final Exam Projects/Review |  |  |