

Rochester INSTITUTE OF TECHNOLOGY

Minor Program proposal form

College of Liberal Arts

**Effective Aug 2017**

**Certifying Academic Unit: Department of Performing Arts & Visual Culture**

**Name of Minor: Music & Technology**

**Brief description of the minor to be used in university publications**

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| The Music & Technology minor includes courses in music theory, music history, contemporary and historical musical instrument technology, acoustics, audio engineering, music for media, and music performance. This minor provides students with an avenue to integrate their technological interests and skills with music. |

**1.0 Minor Program Approvals**

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| --- | --- | --- |
|  | Approval request date: | Approval granted date: |
| Academic Unit Curriculum Committee | Nov 30, 2016 | Nov 30, 2016 |
| College Curriculum Committee | Sep 23, 2013 | Oct 2, 2013 |
| Inter-College Curriculum Committee | Feb 24, 2014 | April 2, 2014 |

**2.0 Rationale:**

A minor at RIT is a related set of academic courses consisting of no fewer than 15 semester credit hours leading to a formal designation on a student's baccalaureate transcript

How is this set of academic courses related?

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| The list of proposed academic, technological, and performance courses covers a wide-range of musical and technological areas that are designed to allow students to be introduced to and pursue a range of interests. These interests include audio engineering, space design, the history of instrument construction, music for visual media (e.g., film and games), and computer generated music, among other music and technology areas. |

**3.0 Multidisciplinary involvement:**

If this is a multidisciplinary minor spanning two or more academic units, list the units and their role in offering and managing this minor.

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| 1. The Department of Performing Arts & Visual Culture (PAVC), in the College of Liberal Arts, is the home and manager of this minor, and offers the required course in music theory (Intro to Music Theory) or its alternate (Composing for Media), and electives in music history and culture, music and visual media, applied music and ensembles. 2. The College of Applied Science and Technology (CAST) offers the required course in Audio Engineering, as well as other courses in sound technology that can be taken to fulfill elective requirements. 3. The Golisano College of Computing and Information Sciences (GCCIS) will offer courses in computers and programming for games and audio design that students in this minor can take to fulfill elective requirements. |

**4.0 Students ineligible to pursue this minor:**

The purpose of the minor is both to broaden a student's college education and deepen it in an area outside the student’s major program. A minor may be related to and complement a student’s major, or it may be in a completely different academic/professional area.   It is the responsibility of the academic unit proposing a minor and the unit’s curriculum committee to indicate any home programs for which the minor is not a broadening experience.

Please list below any home programs whose students will not be allowed to pursue this minor, provide the reasoning, and indicate if this exclusion has been discussed with the affected programs:

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| None |

**5.0 Minor Program Structure, Sequence and Course Offering Schedule:**

Describe the structure of the proposed minor and list all courses, their anticipated offering schedule, and any prerequisites.

* All minors must contain at least fifteen semester credit hours;
* Minors may be discipline-based or interdisciplinary;
* In most cases, minors shall consist of a minimum of two upper division courses (300 or above) to provide reasonable breadth and depth within the minor;
* As per New York State requirements, courses within the minor must be offered with sufficient frequency to allow students to complete the minor within the same time frame allowed for the completion of the baccalaureate degree;
* Provide a program mask showing how students will complete the minor.

Narrative of Minor Program Structure:

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| Students are required to earn 15 semester credit hours from the list of required and suggested music and technology courses, of which a minimum of two courses should be at the 300 level or above. Students are required to take either Intro to Music Theory (3 credits), or, Composing for Media (3 credits) and Fundamentals of Audio Engineering (3 credits). The remaining credits are to be earned from a combination of music and technology courses (beyond the required courses) from the following list of suggested courses. Because this is a music minor, it is strongly recommended that students take two additional courses from the music electives and one additional course from technology electives. |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Course Number & Title | SCH | Required | Optional | Fall | Spring | Annual/Biennial | Prerequisites |
| FNRT 205  Music Theory I | 3 | Yes, as alternative to FNRT 208 Composing for Media | No | X | X | A | None |
| FNRT 208  Composing for Media | 3 | Yes, as alternative to FNRT 205 Music Theory 1 | No | X |  | A | None |
| EEET 261  Fund. Of Audio Engineering | 3 | Yes | No | X | X | A | MATH 101 or MATH 111 or MATH 171 or MATH 181 or MATH 181A |
| FNRT 201  Music in the U.S. | 3 | No | Yes | X |  | A | None |
| FNRT 202  Studies in World Music | 3 | No | Yes | X |  | A | None |
| FNRT 203  Amer. Pop & Rock | 3 | No | Yes | X |  | A | None |
| FNRT 204  Music and the Stage | 3 | No | Yes | X |  | B | None |
| FNRT 210  Bach, Handel & the Baroque | 3 | No | Yes | X |  | B | None |
| FNRT 211  Era of Haydn, Mozart & Beethoven | 3 | No | Yes | X |  | A |  |
| FNRT 320  Music of the Romantic Era | 3 | No | Yes |  | X | A | FNRT 110 or FNRT 205 or FNRT 211 |
| FNRT 321  Music Since 1900 | 3 | No | Yes |  | X | A | FNRT 205 |
| FNRT 322  Survey of Jazz | 3 | No | Yes | X |  | A | None |
| FNRT 323  Survey of African American Music | 3 | No | Yes |  | X | B | None |
| FNRT 324  Sounds of Protest | 3 | No | Yes | X |  | B | None |
| FNRT 325  Amer. Popular Song | 3 | No | Yes | X |  | A | None |
| FNRT 326  History of Musical Insts. | 3 | No | Yes |  | X | B | None |
| FNRT 327  Amer. Musical Theater | 3 | No | Yes | X |  | A | None |
| FNRT 328  Composing for Video Games and Interactive Media | 3 | No | Yes |  | X | A | None |
| FNRT 485  Music Theory II | 3 | No | Yes |  | X | A | FNRT 205  Intro to Mus Theory |
| FNRT 250  Singers | 1 | No | Yes | X | X | A | Audition |
| FNRT 251  Orchestra | 1 | No | Yes | X | X | A | Audition |
| FNRT 252  Concert Band | 1 | No | Yes | X | X | A | Audition |
| FNRT 253  World Music Ens. | 1 | No | Yes | X | X | A | Audition |
| FNRT 254  Jazz Ensemble | 1 | No | Yes | X | X | A | Audition |
| FNRT 255  Chamber Orch. | 1 | No | Yes | X | X | A | Audition |
| EEET 361  Mod. Audio Production | 3 | No | Yes |  | X | A | EEET 261  Fund. of Audio Eng. |
| IGME 570  Digital Audio Production | 3 | No | Yes | X | X | A | IGME 202 and student standing in GAMEDES-BS or NEWMEDID-BS |
| IGME 571  Interactive and Game Audio | 3 | No | Yes | X | X | A | IGME 202 and student standing in GAMEDES-BS or NEWMEDID-BS |
|  | 3 | No | Yes | X | X | A | None |

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| --- | --- |
| Total credit hours: 15 |  |
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**Minor Course Conversion Table: Quarter Calendar and Semester Calendar Comparison**

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| **Directions: The tables on this page will be used by the registrar’s office to aid student’s transitioning from the quarter calendar to the semester calendar.**  **If this minor existed in the quarter calendar and is being converted to the semester calendar please complete the following tables.**  **If this is a new minor that did not exist under the quarter calendar do not complete the following tables.**  Use the following tables to show minor course comparison in quarter and semester calendar formats. Use courses in the (2011-12) minor mask for this table. Display all required and elective minor courses. If necessary clarify how course sequences in the quarter calendar convert to semesters by either bracketing or using some other notation. |

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| --- | --- |
| Name of Minor in Semester Calendar: | Music & Technology |
| Name of Minor in Quarter Calendar: | Music & Technology |
| Name of Certifying Academic Unit: | College of Liberal Arts, Department of Performing Arts & Visual Culture |

| **QUARTER: Current Minor Courses** | | | **SEMESTER: Converted Minor Courses** | | |  |
| --- | --- | --- | --- | --- | --- | --- |
| Course # | Course Title | QCH | Course # | Course Title | SCH | **Comments** |
| 0505-449 | Music Theory I | 4 | FNRT 205 | Intro. To Mus Theory | 3 |  |
| 614-250 | Fund. of Audio Eng. | 4 | EEET 261 | Fund. of Audio Eng. | 3 |  |
| 0505-422 | Music in the U.S. | 4 | FNRT 201 | Music in the U.S. | 3 |  |
| 0505-461/462 | World Music I & II | 4 | FNRT 202 | Studies in World Music | 3 | Consolidating two quarter courses into one semester course |
| 0505-471 | Amer Pop & Rock | 4 | FNRT  203 | Amer Pop & Rock | 3 |  |
| 0505-450 | Music and the Stage | 4 | FNRT 204 | Music and the Stage | 3 |  |
| 0505-483 | Bach & the Baroque | 4 | FNRT 210 | Bach, Handel, and the Baroque | 3 |  |
| 0505-459 | Haydn & Mozart | 4 | FNRT 211 | Era of Haydn, Mozart, and Beethoven | 3 |  |
| 0505-448 | Romanticism in Music | 4 | FNRT 320 | Music of the Romantic Era | 3 |  |
| 0505-484 | Music Since 1900 | 4 | FNRT 321 | Music Since 1900 | 3 |  |
| 0505-455 | Survey of Jazz | 4 | FNRT 322 | Survey of Jazz | 3 |  |
| 0505-463 | African Amer. Music | 4 | FNRT 323 | Survey of African American Music | 3 |  |
| 0505-466 | Sounds of Protest | 4 | FNRT  324 | Sounds of Protest | 3 |  |
| 0505-470 | Amer. Popular Song | 4 | FNRT 325 | Amer. Popular Song | 3 |  |
| 0505-490 | Hist. of Mus. Instruments | 4 | FNRT 326 | Hist. of Mus. Instruments | 3 |  |
| 0505-401 | Singers | 1 | FNRT 250 | Singers | 1 |  |
| 0505-402 | Orchestra | 1 | FNRT 251 | Orchestra | 1 |  |
| 0505-403 | Concert Band | 1 | FNRT 252 | Concert Band | 1 |  |
| 0505-404 | World Music Ens. | 1 | FNRT 253 | World Music Ens. | 1 |  |
| 0505-405 | Jazz Ensemble | 1 | FNRT 254 | Jazz Ensemble | 1 |  |
| 0505-412 | Chamber Orchestra | 1 | FNRT 255 | Chamber Orchestra | 1 |  |
| 614-250 | Fund. of Audio Eng. | 4 | EEET 261 | Fund. of Audio Eng. | 3 |  |
| 614-350 | Mod. Audio Production | 4 | EEET 361 | Mod. Audio Production | 3 |  |
| 4002-206 | Web Design | 4 | IGME 571 | Interactive and Game Audio | 3 | Interactive and Game Audio more applicable to concept behind this minor |
| 4002-527 | Digital Audio and Computers | 4 | IGME 570 | Digital Audio Production | 3 |  |
| **Total Credits Required** |  | **20** |  |  | **15** |  |

Policy Name: **D1.1 MINORS POLICY**

 1. Definition

A minor at RIT is a related set of academic courses consisting of no fewer than 15 semester credit hours leading to a formal designation on a student's baccalaureate transcript.

The purpose of the minor is both to broaden a student's college education and deepen it in an area outside the student’s major program. A minor may be related to and complement a student’s major, or it may be in a completely different academic/professional area.   It is the responsibility of the academic unit proposing a minor and the unit’s curriculum committee to indicate any home programs for which the minor is not a broadening experience.

In most cases, minors shall consist of a minimum of two upper division courses to provide reasonable breadth and depth within the minor.

2. Institutional parameters

1. Minors may be discipline-based or interdisciplinary;
2. Only matriculated students may enroll in a minor;
3. At least nine semester credit hours of the minor must consist of courses not required by the student's home program;
4. Students may pursue multiple minors.  A minimum of nine semester credit hours must be designated towards each minor; these courses may not be counted towards other minors;
5. The residency requirement for a minor is a minimum of nine semester credit hours consisting of RIT courses (excluding "X" graded courses);
6. Posting of the minor on the student's academic transcript requires a minimum GPA of 2.0 in each of the minor courses;
7. Minors may not be added to the student's academic record after the granting of the bachelor's degree.

3. Development/approval/administration processes

* 1. Minors may be developed by faculty at the departmental, inter-departmental, college, or inter-college level. As part of the minor development process:
     1. students ineligible for the proposed minor will be identified;
     2. prerequisites, if any, will be identified;
  2. Minor proposals must be approved by the appropriate academic unit(s) curriculum committee, and college curriculum committee(s), before being sent to the Inter-College Curriculum Committee (ICC) for final consideration and approval.
  3. The academic unit offering the minor (in the case of interdisciplinary minors, the designated college/department) is responsible for the following:
     1. enrolling students in the minor (as space permits);
     2. monitoring students progress toward completion of the minor;
     3. authorizing the recording of the minor's completion on student's academic records;
     4. granting of transfer credit, credit by exam, credit by experience, course substitutions, and advanced placement;
     5. responding to student requests for removal from the minor.
  4. As per New York State requirements, courses within the minor must be offered with sufficient frequency to allow students to complete the minor within the same time frame allowed for the completion of the baccalaureate degree.

4. Procedures for Minor revision

It is the duty of the college curriculum committee(s) involved with a minor to maintain the program’s structure and coherence.  Once a minor is approved by the ICC, changes to the minor that do not have a significant effect on its focus may be completed with the approval of the involved academic unit(s) and the college curriculum committee(s).  Significant changes in the focus of the minor must be approved by the appropriate academic unit(s) curriculum committee(s), the college curriculum committee(s) and be resubmitted to the ICC for final consideration and approval.