

# Introduction to Music Technology

Content Area: **Performing Arts**  
Course(s): **Introduction to Music Technology**  
Time Period: **First Marking Period**  
Length: **Semester**  
Status: **Published**

## **New Jersey Learning Standards- Music Technology- Proficient**

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MU.9-12.1.3E.12prof.Cr1a	Generate melodic, rhythmic and harmonic ideas for compositions or improvisations using digital tools.
MU.9-12.1.3E.12prof.Cr2a	Select melodic, rhythmic and harmonic ideas to develop into a larger work using digital tools and resources.
MU.9-12.1.3E.12prof.Cr3a	Drawing on feedback from teachers and peers, develop and implement strategies to improve and refine the technical and expressive aspects of draft compositions and improvisations.
MU.9-12.1.3E.12prof.Cr3b	Share compositions or improvisations that demonstrate musical and technological craftsmanship as well as the use of digital tools and resources in developing and organizing musical ideas.
MU.9-12.1.3E.12prof.Pr4a	Develop and explain the criteria used for selecting varied sound resources based on interest, music reading skills, and an understanding of the performer's musical and technological skill.
MU.9-12.1.3E.12prof.Pr4b	Describe how context, structural aspects of the music, and digital media/tools inform prepared and improvised performances.
MU.9-12.1.3E.12prof.Pr4c	Identify the context, expressive challenges, and use of digital tools in a varied repertoire of music influence prepared or improvised performances.
MU.9-12.1.3E.12prof.Pr5a	Identify and implement rehearsal strategies to improve the technical and expressive aspects of prepared and improvised performances in a varied repertoire of music.
MU.9-12.1.3E.12prof.Pr6a	Using digital tools, demonstrate attention to technical accuracy and expressive qualities in prepared and improvised performances of a varied repertoire of music.
MU.9-12.1.3E.12prof.Pr6b	Demonstrate an understanding of the context of music through prepared and improvised performances.
MU.9-12.1.3E.12prof.Re7a	Cite reasons for choosing music based on the use of the elements of music, digital and electronic aspects, and connections to interest or purpose.
MU.9-12.1.3E.12prof.Re7b	Explain how knowledge of the structure (e.g., repetition, similarities, contrasts), technological aspects, and purpose of the music informs the response.
MU.9-12.1.3E.12prof.Re8a	Explain and support an interpretation of the expressive intent of musical selections based on treatment of the elements of music, digital and electronic features, and purpose.
MU.9-12.1.3E.12prof.Re9a	Evaluate music using criteria based on analysis, interpretation, digital and electronic features, and personal interests.
MU.9-12.1.3B.12prof.Cn10a	Demonstrate how interests, knowledge, and skills relate to personal choices and intent when creating, performing, and responding to music.
MU.9-12.1.3B.12prof.Cn11a	Demonstrate understanding of relationships between music and the other arts, other disciplines, varied contexts and daily life.

## **Career Readiness, Life Skills Standards**

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WRK.K-12.P.1	Act as a responsible and contributing community members and employee.
WRK.K-12.P.2	Attend to financial well-being.
WRK.K-12.P.3	Consider the environmental, social and economic impacts of decisions.
WRK.K-12.P.4	Demonstrate creativity and innovation.
WRK.K-12.P.5	Utilize critical thinking to make sense of problems and persevere in solving them.
WRK.K-12.P.6	Model integrity, ethical leadership and effective management.
WRK.K-12.P.7	Plan education and career paths aligned to personal goals.
WRK.K-12.P.8	Use technology to enhance productivity increase collaboration and communicate effectively.
WRK.K-12.P.9	Work productively in teams while using cultural/global competence.

## Interdisciplinary Connections

**Interdisciplinary Connections:** In Music Technology classes, students use visual aids or read lyrics which associates to language arts classes. Students use math through counting, adding, subdividing beats, and creating patterns as they learn to create rhythms and loops. Additionally, classes relate to social studies through the connection of music to various regions of the world and time periods/genres from which they derive. Music technology classes connect to science through the explanation of how waves create sound. Finally, classes relate to technology through the use of computers and software to create music.

**21<sup>st</sup> Century Themes:** In addition to mastery of core academic subjects, students must exhibit a range of both functional and critical thinking skills, problem solving, creativity and innovation.

LA.K-12.NJSLSA.SL1	Prepare for and participate effectively in a range of conversations and collaborations with diverse partners, building on others' ideas and expressing their own clearly and persuasively.
LA.K-12.NJSLSA.SL2	Integrate and evaluate information presented in diverse media and formats, including visually, quantitatively, and orally.
CRP.K-12.CRP1	Act as a responsible and contributing citizen and employee.
CRP.K-12.CRP2	Apply appropriate academic and technical skills.
CRP.K-12.CRP4	Communicate clearly and effectively and with reason.
CRP.K-12.CRP6	Demonstrate creativity and innovation.
CRP.K-12.CRP6.1	Career-ready individuals regularly think of ideas that solve problems in new and different ways, and they contribute those ideas in a useful and productive manner to improve their organization. They can consider unconventional ideas and suggestions as solutions to issues, tasks or problems, and they discern which ideas and suggestions will add greatest value. They seek new methods, practices, and ideas from a variety of sources and seek to apply those ideas to their own workplace. They take action on their ideas and understand how to bring innovation to an organization.
CRP.K-12.CRP8	Utilize critical thinking to make sense of problems and persevere in solving them.
CRP.K-12.CRP10	Plan education and career paths aligned to personal goals.
CRP.K-12.CRP10.1	Career-ready individuals take personal ownership of their own education and career goals, and they regularly act on a plan to attain these goals. They understand their own career

interests, preferences, goals, and requirements. They have perspective regarding the pathways available to them and the time, effort, experience and other requirements to pursue each, including a path of entrepreneurship. They recognize the value of each step in the education and experiential process, and they recognize that nearly all career paths require ongoing education and experience. They seek counselors, mentors, and other experts to assist in the planning and execution of career and personal goals.

CRP.K-12.CRP11	Use technology to enhance productivity.
CRP.K-12.CRP11.1	Career-ready individuals find and maximize the productive value of existing and new technology to accomplish workplace tasks and solve workplace problems. They are flexible and adaptive in acquiring new technology. They are proficient with ubiquitous technology applications. They understand the inherent risks-personal and organizational-of technology applications, and they take actions to prevent or mitigate these risks.
CRP.K-12.CRP12	Work productively in teams while using cultural global competence.
CAEP.9.2.12.C.1	Review career goals and determine steps necessary for attainment.
CAEP.9.2.12.C.3	Identify transferable career skills and design alternate career plans.
TECH.9.4.12.CI.1	Demonstrate the ability to reflect, analyze, and use creative skills and ideas (e.g., 1.1.12prof.CR3a).
TECH.9.4.12.CI.2	Identify career pathways that highlight personal talents, skills, and abilities (e.g., 1.4.12prof.CR2b, 2.2.12.LF.8).
TECH.9.4.12.CI.3	Investigate new challenges and opportunities for personal growth, advancement, and transition (e.g., 2.1.12.PGD.1).
TECH.9.4.12.DC.7	Evaluate the influence of digital communities on the nature, content and responsibilities of careers, and other aspects of society (e.g., 6.1.12.CivicsPD.16.a).
TECH.9.4.12.IML.4	Assess and critique the appropriateness and impact of existing data visualizations for an intended audience (e.g., S-ID.B.6b, HS-LS2-4).
TECH.9.4.12.IML.7	Develop an argument to support a claim regarding a current workplace or societal/ethical issue such as climate change (e.g., NJLSA.W1, 7.1.AL.PRSNT.4).
TECH.9.4.12.IML.9	Analyze the decisions creators make to reveal explicit and implicit messages within information and media (e.g., 1.5.12acc.C2a, 7.1.IL.IPRET.4).