

SYLLABUS

Code: MUTC 201

Title: Pro Tools® III

Division: Arts and Communications **Department:** Music

Course Description: Building upon the skills mastered in Pro Tools® I and II, this course will guide the student through advanced tools and techniques for score realization. Using cross platform techniques with other software, the student will work with video/gaming tools to provide basic musical enhancement for projects in other media.

Prerequisites: A grade of "C" or higher in MUTC 102

Corequisites:

Prerequisites or Corequisites:

Credits: 3

Lecture Hours: 3

Lab Hours:

REQUIRED MATERIALS: *Pro Tools 8 Power!: The Comprehensive Guide (Paperback)* by Colin MacQueen (ISBN-13: 978-1598638981), USB data memory stick. Additional materials may be provided by the instructor.

ADDITIONAL TIME REQUIREMENTS:

In addition to class time, students will need to dedicate approximately 6-9 hours per week to work in the Music Technology Studio. This time will be essential to the successful completion of course objectives. A learning assistant will be available during regularly scheduled lab hours to work with students.

COURSE LEARNING OUTCOMES:

Upon completion, students will be able to:

- Demonstrate intermediate proficiency with the digital audio/MIDI production environment.
- Utilize the Edit, Mix, and Notation windows of Pro Tools®.
- Create, arrange and produce original tracks with software-synthesizer plug-ins and loop-based production.
- Perform intermediate editing of sequenced tracks within the Slip, Shuffle, Grid and Spot modes.
- Demonstrate intermediate proficiency with the Mix window, automation, and mix-down techniques.

(Technological Literacy, Critical Thinking, and Creative Expression)

GRADING STANDARD:

Class meetings include lectures, tutorials, demonstrations, discussions, critiques, and student presentations. Assignments will include tutorials, critical readings, and projects. The project assignments will culminate in completed works that will be evaluated from both technical and creative perspectives.

Course grading is based upon:

Tests

Three unit tests @ 15% each

45% of final grade

Tests will demonstrate a student's ability to apply information from readings and class discussions.

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Lab Projects

Six lab projects @ 5% each

30% of final grade

Discussion Forum Participation

10% of final grade

Each student is responsible for posting, on a weekly basis, thoughtful comments and questions on the course blog. This is meant to help facilitate, guide, and educate each other.

Preparation and Attendance

15% of final grade

Being prepared and attending all classes is imperative.

Attendance Policy: one absence will be excused, however subsequent absences will result in a deduction of 10% of your final average for each absence.

Lateness Policy

Arriving late by fifteen minutes or leaving early will be considered an unexcused absence.

Grading

A grade of "A" will be assigned for students with a total point accumulation of between 93-100.

A grade of "A-" will be assigned for students with a total point accumulation of between 90-92.

A grade of "B+" will be assigned for students with a total point accumulation of between 87-89.

A grade of "B" will be assigned for students with a total point accumulation of between 83-86.

A grade of "B-" will be assigned for students with a total point accumulation of between 80-82.

A grade of "C+" will be assigned for students with a total point accumulation of between 77-79.

A grade of "C" will be assigned for students with a total point accumulation of between 70-76.

A grade of "D" will be assigned for students with a total point accumulation of between 60-69.

A grade of "F" will be assigned for students with a total point accumulation below 60.

COURSE CONTENT:

UNIT I: Review of Digital Audio Workstations (DAWs) and MIDI production

- Review concepts from Pro Tools 2

Unit II: MIDI and Audio

- Getting started with MIDI & audio — Track view options, region groups, the matching criteria window for loop record takes, Transfuser, Hybrid, Structure LE_{SEP}
- Working with Elastic Audio — Elastic Audio plug-ins, Elastic Audio analysis, Elastic Audio markers, Analysis view and Warp view, Elastic Audio pitch transposition
- Mixing and Editing MIDI & audio — MIDI track Velocity view/controller lane, MIDI Thru vs. the Default Thru Instrument, Grid quantize vs. Groove quantize, region looping, Beat Detective

Unit III: Recording Concepts

- Recording concepts — Monitor modes and TrackInput, QuickPunch and TrackPunch, track compositing, playlist display options
- Automation concepts — Writing static mixer settings (snapshot automation), workflows for writing static mixer settings, automation capture

Unit IV: Advanced Tracking

- Tracking & overdubbing — Meter and click, working in Dynamic Transport mode, editing with Dynamic Transport mode
- Virtual instruments — Strike, Velvet, routing multiple outputs from plug-ins

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- Advanced MIDI production — Using the MIDI Editor window and Score Editor window, Editing notes in the Score Editor
- Professional audio editing techniques — Beat Detective for multitrack drums, drum editing workflow
- Key and tempo — Tempo events vs. Bar|Beat markers, changing the Linearity Display mode, working with key changes
- Printing your mix — Exporting MP3 files, exporting WMA files

Unit V: Configuration and troubleshooting

- Studio configuration and troubleshooting techniques

Unit VI: Advanced Editing

- Advanced recording and importing audio — Includes project interchange

Unit VII: Advanced Routing

- Advanced routing and mixing — Expert mixing concepts

Unit VIII: Advanced automation

- Pro Tools expert automation functionality

Unit IX: Advanced Mixing

- Mixing with plug-ins

DEPARTMENT POLICIES:

COLLEGE POLICIES:

As an academic institution, Brookdale facilitates the free exchange of ideas, upholds the virtues of civil discourse, and honors diverse perspectives informed by credible sources. Our College values all students and strives for inclusion and safety regardless of a student's disability, age, sex, gender identity, sexual orientation, race, ethnicity, country of origin, immigration status, religious affiliation, political orientation, socioeconomic standing, and veteran status. For additional information, support services, and engagement opportunities, please visit www.brookdalecc.edu/support.

For information regarding:

- ◆ Brookdale's Academic Integrity Code
- ◆ Student Conduct Code
- ◆ Student Grade Appeal Process

Please refer to the [BCC STUDENT HANDBOOK AND BCC CATALOG](#).

NOTIFICATION FOR STUDENTS WITH DISABILITIES:

Brookdale Community College offers reasonable accommodations and/or services to persons with disabilities. Students with disabilities who wish to self-identify must contact the Disabilities Services Office at 732-224-2730 or 732-842-4211 (TTY), provide appropriate documentation of the disability, and request specific accommodations or services. If a student qualifies, reasonable accommodations and/or services, which are appropriate for the college level and are recommended in the documentation, can be approved.

ADDITIONAL SUPPORT/LABS:

Learning Assistants are available to work with students during the regularly scheduled lab hours. Please refer to the Lab Hours schedule given to you by your instructor. These assisted lab hours are in effect for the current term. If you need to contact the Learning Assistants by phone: Michael Conklin (732) 224 2524 or by email mconklin@brookdalecc.edu

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MENTAL HEALTH:

- Mental Health Crisis Support: From a campus phone, dial 5555 or 732-224-2329 from an external line; off-hours calls will be forwarded to BCC police (2222 from a campus phone)
- Psychological Counseling Services: 732-224-2986 (to schedule an appointment during regular hours)

The syllabus is intended to give student guidance in what may be covered during the semester and will be followed as closely as possible. However, the faculty member reserves the right to modify, supplement, and make changes as the need arises.