The art of VOCAL PRODUCTION

VOCAL PHYSIOLOGY
STACKING VOCALS
VOCAL TRACKING
VOCAL EFFECTS
AUDIO CLEANUP
ARRANGING FOR VOCALS
PITCH CORRECTION
LETS TALK ABOUT
VOCAL TECHNIQUE
VOCAL WARMUPS
BACKGROUND VOCALS TREATMENTS
BREATH MANAGEMENT
TEXTURAL TECNIQUES
VOCAL EDITING
COMUNICATION WITH THE ARTIST
MICROPHONE TECNIQUES

VOCAL PHYSIOLOGY

- Anatomical Systems Involved
- Levels of the Vocal Tract
- Internal Acoustics and Sound Color
- Effects Produced in the Vocal Tract
- Breath and Pitch Control
- Vocal Health

VOCAL WARMUPS

- Non-Range-Dependant Warmups
- Range Extension Exercises
- Agility Warmups
- Pitch Control Exercises
- Tonal Stability vs. Vibrato
- Resonance Exercises
- Diction Exercises
- Warmups for Harmonies

BREATH MANAGEMENT

- Breathing Techniques for Developing Stamina
- Phrasing
- Mouth Breathing vs Nose Breathing
- Efficiency of Air
- Exercising the Diaphragm
- Self Soothing Tecniques

ARRANGING FOR VOCALS

- Vocal Registers Characteristics and Classification
- Genre and Stylistic Considerations
- Density of Arrangement
- Call & Response
- Ad Libs
- Call & Response
- Harmonies and Voicings
- Tension / Distension

AUDIO CLEANUP TOOLS

- Corrective EQ
- Removing Click Bleed
- Controlling Distortion
- Instrumental Bleed
- Removing Unwanted Reverbations
- Dealing with Plosives
- Sibilance and Sharp Consonants

PITCH CORRECTION AND MANIPULATION

- Choosing the Appropriate Tool
- Waves Tune / Real - Time
- Antares Autotune
- Melodyne
- Formant Manipulation
- Izotope Vocalsynth
- Stylistic Considerations

BACKGROUND VOCALS

- Widening with Time Effects
- Widening through Pitch Manipulation
- Gang Vocals or Group Settings
- Stack Vocals in Harmonies
- Attention to Breaths, Sibilance and Hard Consonants against the Lead
- Common Treatments and Plug-ins

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VOCAL TRACKING

- Preparation
- Warmup
- Microphone Choice and Placement Tecniques
- Preamp, EQ and Compression
- Monitoring Considerations
- Pop Filter Considerations
- Informed Direction and Redirection
- Lighting, Audience and Environmental Considerations

VOCAL EFFECTS

- Time Based Effects
- Textural Manipulation with Plug-ins
- Creative EQ
- Harmonic Effects
- Effected Transitions and Adlibs
- Stutter and Sampling
- Miscellaneous FX
- Vocoder and Talkbox
- Formant Creative Manipulation