The Dental Laboratory Technology Program is intended for students interested in pursuing a career in dental lab technology, dentistry, dental hygiene and dental assisting. The course covers five specialties of dental laboratory technology: complete denture, partial denture, crown and bridge restoration, porcelain and ceramics and orthodontics. A combination of science, art, skill and craftsmanship along with a complete comprehension of basic techniques, materials, anatomy and terminology will enable the students to fabricate an appliance from beginning to end. The program will prepare students for post-secondary education and / or entry level work in the dental field.
UNIT 1
• SkillsUSA
• Laboratory Safety
• Oral Anatomy
• Tooth Morphology
• Dental Terminology
• Denture Border Anatomy
• All Phases of Complete Dentures

UNIT 2
• All Phases of Complete Dentures
• OSHA - Infection Control
• Denture Repairs
• Interim Partial / Flipper
• Interim Denture / Jiffy Denture
• Introduction to Orthodontics

UNIT 3
• Orthodontic Appliances
• Hawley Retainers
• Two Pour Models
• Crown and Bridge Restorations
• Waxing Inlays / Onlays
• Investing & Casting Inlays / Onlays
• Finishing / Polishing
• Temporary Crown
• Full Cast Gold Crown

UNIT 4
• Crown and Bridge Restorations
• Waxing 3-Unit Bridge
• Investing / Casting
• Finishing / Polishing
• Partial Denture Frameworks
• Introduction to Dental Laboratory Porcelains
• Introduction to Porcelain Fused to Metal

UNIT 5
• Dental Anatomy
• Oral Anatomy
• Complete Dentures II
• Characterization
• Light Curing Materials
• Success Injection System

UNIT 6
• Complete Dentures II
• Immediate Dentures
• Reline & Rebases
• Intro to Dental Implants
• Orthodontics II
• Soldering
• Removable Alignment Appliance
• Custom Mouth Guards
• Bleaching Trays

UNIT 7
• Crown & Bridge
• Disposable Articulation System
• Single Tray Impression System
• Waxing Copings
• Induction Casting
• Lite-Cast Coping
• Preparation of coping
• Ceramics / Porcelain

UNIT 8
• Ceramics
• Addition of Porcelain
• Cosmetic Dentistry
• Intro to CAD / CAM
• Professional Interview
• Internship (3 Week on Job Site)