

**HIBBING COMMUNITY COLLEGE
COURSE OUTLINE**

COURSE TITLE & NUMBER: Extramural 2: DAS 2658

CREDITS: 2-4 (0 Lecture Hours / 0 Lab Hours / 102- 204 hours per Semester)

PREREQUISITES:

CATALOG DESCRIPTION: Extramural 2 will enable students to work in private dental offices with dentists and staff and will assist with office and patient related duties. The student will fulfill the role of an employed dental assistant.

OUTLINE OF MAJOR CONTENT AREAS:

- I. General chairside
 - A. Patient prep
 - B. Patient dismissal
 - C. Patient rapport
- II. Oral evacuation and air/water syringe
 - A. Proper use of air
 - B. Proper use of air/water/spray
 - C. Use of evacuator
- III. Assisting with injections
 - A. Needle, correct length
 - B. Loaded correctly
 - C. Transferred properly
- IV. Instruments and Burs
 - A. Knowledge of instruments
 - B. Knowledge of Burs
 - C. Prep of trays
 - D. Correct transfer, left hand not over patient's face
 - E. Anticipates dentist's needs
 - F. Tofflemire assembled properly
- V. Use of materials
 - A. Basic knowledge of materials
 - B. Proper mixing, amount and technic
 - C. Amalgam
 - D. Cements
 - E. Impression
 - F. Composite
- VI. Care of work areas and equipment
 - A. Cares for instruments
 - B. Cares for equipment
- VII. Expanded duties
 - A. Coronal polish
 - B. Rubber dam clamp well placed
 - C. Suture removal
 - D. X-rays

- E. Impressions
- F. Excess cement removal
- G. Perio pack removal
- H. Nitrous oxide monitoring
- VIII. Professional conduct and appearance
 - A. Grooming and hygiene
 - 1. Uniform
 - 2. Hair
 - 3. Nails short without colored polish
 - 4. Oral hygiene
 - 5. Personal hygiene
 - 6. Posture
 - B. Public relations
 - C. Initiative
 - D. Attitude

COURSE GOALS/OBJECTIVES/OUTCOMES:

Students will

1. exhibit professionalism.
2. exhibit professional appearance.
3. practice chairside assisting.
4. practice evacuating.
5. practice use of tri-plex syringe
6. practice mixing restorative materials.
7. practice transferring instruments.
8. practice retracting tissues.
9. practice processing X-rays.
10. practice mounting X-rays.
11. practice lab procedures.
12. practice office procedures.
13. make alginate impressions.
14. cut arch wires, remove loose bands, or remove loose brackets on orthodontic appliances to provide palliative treatment.
15. remove excess bond material from orthodontic appliances with hand instruments only.
16. etch appropriate enamel surfaces and apply pit and fissure sealants.
17. monitor a patient who has been induced by a dentist into nitrous oxide-oxygen relative analgesia.
18. make preliminary adaptation of temporary crowns.
19. remove temporary crowns with hand instruments only.
20. etch appropriate enamel surfaces before bonding of orthodontic appliances by a dentist.
21. perform mechanical polishing to clinical crowns not including instrumentation. Removal of calculus by instrumentation must be done by the dentist or dental hygienist before mechanical polishing.

22. take radiographs.
23. remove excess cement from inlays, crowns, bridges and orthodontic appliances with hand instruments only.
24. apply topical medications that are physiologically reversible, topical fluoride, bleaching agents, and cavity varnishes prescribed by dentists.
25. take impressions for casts and appropriate bite registration.
26. place and remove rubber dam.
27. preselect orthodontic bands.
28. place and remove elastic orthodontic separators.
29. remove and replace ligature ties on orthodontic appliances.
30. remove sutures.
31. place and remove periodontal packs.
32. dry root canals with paper points.
33. place cotton pellets and temporary restorative materials into endodontic openings.

MNTC GOALS AND COMPETENCIES MET:

N/A

HCC COMPETENCIES MET:

Working Productively & Cooperatively
Communicating Clearly & Effectively
Thinking Creatively & Critically
Social / Civic Responsibility

STUDENT CONTRIBUTIONS:

The student will be expected to attend all in office training sessions.

**STUDENT ASSESSMENT SHALL TAKE PLACE USING INSTRUMENTS
SELECTED/DEVELOPED BY THE COURSE INSTRUCTOR.**

**SPECIAL INFORMATION: (SPECIAL FEES, DIRECTIVES ON HAZARDOUS
MATERIALS, ETC.)**

AASC APPROVAL DATE:	December 18, 2013
REVIEW DATE:	December 2018

DAS2658:so
121813