



# STARK STATE COLLEGE

## GENERAL SYLLABUS

### Course Information

**Course Name:** Dental Assisting Radiography  
**Course Number:** DAS122

### Required Materials

**Textbook(s):** Iannucci, J. Howerton, L. (2022). *Dental Radiography: Principles and Techniques*, 6<sup>th</sup> Ed. Elsevier.

**Required Readings:** See weekly calendar below.

**Additional Materials:** Course material which can be accessed through the Learning Management System.  
**Optional-**Dental Assisting Radiography Power Point Packet

### Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Date/Week	Assignments
WEEK 1	Lecture: Syllabus review, (Iannucci) Ch. 1-Radiation History:Ch. 2-Radiation Physics Ch. 18-Introduction to Dental Imaging Examinations; Ch. 7-Dental X-ray Equipment, Ch. 12-Dental Images and the Dental Radiographer; Lab- RINN.
WEEK 2	Lecture: (Iannucci) Ch. 3-Radiation Biology: Ch. 4-Radiation Protection; Ch. 5-Radiation Characteristics Ch 16-Infection control and the Dental Radiographer; Ch. 30-Introduction to Image Interpretation. Lab-RINN, Phosphor Plate Processing; and IO camera.
WEEK 3	Lecture: (Iannucci) Ch. 9-Dental X-ray Film; Ch. 10-Film Processing Lab-RINN, Phosphor Plate Processing; IO camera.
WEEK 4	Lecture: (Iannucci) Ch. 6-Dental X-ray Image Characteristics; Ch. 11-Film Mounting and Viewing Lab-BWX, RINN; and IO Camera.
WEEK 5	Lecture: (Iannucci) Ch. 19-Paralleling Technique; Ch. 21-Bitewing Technique Lab-BWX, PAN; and IO Camera.
WEEK 6	Lecture: (Iannucci) Ch. 20-Bisecting Technique; Ch. 22-Exposure and Technique Errors Lab-BWX, PAN, and IO Camera.
WEEK 7	Lecture: (Iannucci) Ch. 23-Occlusal Technique; Ch. 15-Legal Issues and the Dental Radiographer; HIPAA Lab-BWX, PAN; and IO Camera.
WEEK 8	Lecture: (Iannucci) Ch. 25-Panoramic Imaging

Date/Week	Assignments
	Lab-FMX, BWX, PAN, and IO Camera.
WEEK 9	Lecture: (Iannucci) Ch. 32-Identification of Restorations, Dental Materials and Foreign Objects; Ch. 24-Imaging of Patients with Special Needs Lab-FMX, BWX, PAN, and IO Camera.
WEEK 10	Lecture: (Iannucci) Ch 28-Normal Anatomy: Intraoral Images; Ch 29-Normal Anatomy Lab-Panoramic Images, Mounting, BWX, and FMX.
WEEK 11	Lecture: (Iannucci) Ch 28-Normal Anatomy: Intraoral Images; Ch 29-Normal Anatomy: Lab-Panoramic Images, Mounting, BWX, and FMX.
WEEK 12	Lecture: (Iannucci) Ch. 8-Digital Imaging, Radiographic Interpretations; Lab-Student Partner Placement.
WEEK 13	Lecture: (Iannucci) Ch 31-Descriptive Terminology; Ch. 33-Interpretation of Dental Caries, Ch 34- Interpretation of Periodontal Disease; Lab-Student Partner Placement.
WEEK 14	Lab Practical Review
WEEK 15	OSDB Information; Lab Practical
WEEK 16	Final Exam