

# CRANIOFACIAL ANOMALIES – CDSC 423

## SYLLABUS

### Instructor

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### Course Description

The primary focus of this course is the study of cleft lip and cleft palate from a clinical and scientific perspective. Material presented is critical for preparing Speech-Language Pathologists to function in a competent and professional manner both independently and as a member of a multidisciplinary craniofacial team. The course material will also review the clinical features of other craniofacial anomalies.

### Course Outline

- Anatomy of the craniofacial complex
- Velopharyngeal functioning
- Embryonic development of the face
- Classifications and clinical features of clefts
- Incidence and etiology
- Primary and secondary surgical procedures
- Speech, voice and language characteristics
- Speech, voice and language assessment and treatment
- Psychological and Audiological issues
- The Craniofacial Team
- Prosthodontics
- Dentition and orthodontics
- Other craniofacial anomalies

### Course Requirements

- Examinations
  - 14 February 2013
  - 4 April 2013
  - 2 May 2013
- Term paper on other types craniofacial syndromes, sequences and associations which may or may not include cleft lip and/or cleft palate.
- Students are expected to attend each class and independently review previous material.
- **Come to each class prepared to answer and discuss material covered in previous classes.**

### Grading

- Exam 1 85 points
- Exam 2 70 points
- Exam 3 85 points
- Paper 50 points
- Attendance and participation 25 points
- Total possible 315 points
- Final Grade Distribution
  - 100-94 = A 93-91 = A- 90-88 = B+ 87-84 = B
  - 83-81 = B- 80-78 = C- 77-74 = C 73-70 = C-

## **Learning Outcomes**

At the completion of the course, students will be able to:

- Summarize the anatomical structures of the craniofacial complex
- Explain velopharyngeal functioning and its importance for life, speech and voice
- Summarize the embryonic development of the human face
- Discuss the different types of clefts and their clinical features
- Describe the principle primary and secondary surgical procedures for repairing clefts
- Explain the psychological and audiological considerations of clefting
- Discuss the speech, voice and language characteristics associated with clefting
- Describe the speech, voice and language assessment and therapy procedures associated with cleft lip and/or palate
- Explain the composition and function of a Craniofacial Team
- Summarize the role of prosthodontics in cleft lip and/or palate
- Discuss the role of dentition and orthodontics in cleft lip and/or palate
- Summarize the clinical features of other selected craniofacial syndromes, sequences, and associations

## **Accommodations**

SUNY Geneseo will make reasonable accommodations for persons with physical, emotional, or learning disabilities. Students should contact the Director in the Office of Disability Services (105D Erwin) and their faculty member to discuss needed accommodations as early as possible in the semester.