

Course Change Request

Indiana University

Optometry Campus

Check Appropriate Boxes: Undergraduate credit [] Graduate credit [] Professional credit [x] 81

1. School/Division: Optometry
2. Academic Subject Code: Opt
3. Current Course Number: V781
4. Current Credit Hours: 1.5
5. Current Title: Pediatric Optometry
6. Effective Semester/Year for changes listed below: FALL '08
7. Instructor: Rowan Candy

Type of Change Requested (Check appropriate boxes and indicate changes)

- 8. Change course number to: (must be cleared with University Enrollment Services)
9. Current course title: Change to: Recommended abbreviation (optional)
10. Current credit hours fixed at: 1.5 or variable from: 3.0
11. Current lecture contact hours fixed at:
12. Current non-lecture contact hours fixed at:
13. Is this course currently graded with S-F (only) grades?
14. Does this course presently have variable title approval?
15. Is this course being discontinued?
16. Current course description

Change course description to (not to exceed 50 words)

17. Justification for change: Curriculum Revision (Use additional paper if necessary)

18. Are the necessary reading materials currently available in the appropriate library? yes
19. A copy of every new course proposal must be submitted to departments, schools, or divisions in which there may be overlap of this course with existing courses or areas of strong concern, with instructions that they send comments directly to the originating Curriculum Committee. Please append a list of departments, schools, or divisions thus consulted.

Submitted by: [Signature] Date: 12/3/07
Department Chairman/Division Director

Approved by: [Signature] Date: 12/3/07
Dean

Dean of Graduate School (when required) Date

Chancellor/Vice-President Date

University Enrollment Services Date

After School/Division approval, forward the last copy (without attachments) to University Enrollment Services for initial processing, and the remaining four copies and attachments to the Campus Chancellor or Vice-President.

V781 – Pediatric Optometry - Fall 2008

Course Description: Specialized diagnosis and management strategies for the infant and child. Topics to include refractive and binocular vision anomalies, disease, pharmacology and an Optometrist's role in assessment and management of visual perception, learning disabilities and reading problems. Communication techniques with parents, educators and other professionals will also be emphasized.

Syllabus:

- 27-Aug Prenatal Development
- 29-Aug DR LYON- Vision Screening
- 3-Sept The Pediatric Exam & Cooperation
- 5-Sept Binocular Vision & Eye Movements
- 10-Sept Comitant Strabismus & Cases
- 12-Sept Incomitant Strabismus & Cases
- 17-Sept Acuity & Amblyopia
- 24-Sept Refraction & Optical Correction
- 26-Sept Ocular Health I + RET/CT LAB
- 1-Oct Ocular Health II + RET/CT LAB
- 3-Oct Visual impairment & Special Needs
- 8-Oct Strabismus Referrals
- 10-Oct DR LYON - Infections & Therapeutics
- 15-Oct Age-based expectations
- 22-Oct The Assessment Process
- 29-Oct Normal Development
- 5-Nov Visual Information Processing (VIP)
- 12-Nov VIP Therapy
 - Laws; Other Problems - Learning Disabilities, Dyslexia, Mental
- 19-Nov Impairment
 - Other Problems – ADHD, TBI, PDD & Autism, Tourette's, Sensory
- 26-Nov Integration
 - Controversial VIP in Optometry;
- 3-Dec Referral Sources; VT-VIP Cases

Resources:

Class presentations and required readings will be on the teaching server.

Suggested texts (all on reserve) –

Acta Ophthalmologica Pediatric ophthalmology: some recent advances

– ed Lennerstrand – RE 48.2. C5 P465

American Academy of Ophthalmology, Section 6 , Pediatric Ophthalmology and Strabismus

– RE 48.2. C5 P4347

Assessing Children's Vision

– Leat, Shute & Westall – RE 48.2.C5 L413

Clinical Pediatric Optometry

- ed. Press & Moore – RE 952.5.C45 P74

Embryology of the eye and its Adnexae

– Barishak – RE 14.D4

* **Eyecare for Infants and Young Children**

– ed. B. Moore. – RE 48.2.C5 M66

* **Paediatric Ophthalmology**

- ed. David Taylor - RE 48.2. C5 P432

Principles & Practice of Pediatric Optometry

– ed. Rosenbloom & Morgan – RE 48.2.C5 P75

Retinoblastoma

– Blodi – RC 280.E9. R47

* **Visual development, diagnosis, and treatment of the pediatric patient**

– Duckman – RE48.2.C5 V52