



UNIVERSITY OF NAIROBI
COLLEGE OF EDUCATION AND EXTERNAL STUDIES
SCHOOL OF EDUCATION
DEPARTMENT OF EDUCATION COMMUNICATION AND TECHNOLOGY
BACHELOR OF EDUCATION (ECE)

DETAILED COURSE OUTLINE

Unit Code: TEC 103

Unit Title: Child Development - 0 to 3 Years
 (birth – 3 years)

Contact Hours: 45hrs

Lecture: Monday, 1400 – 1500 Hours

a) Course Description



This unit covers the description and explanation of changes in child development from conception to three (3) years. In this unit, you will learn about the conception process and theories that explain the growth and development of a child from 0-3 years. You will learn about how genetic traits are transmitted and other factors that influence the various stages of child development. You will learn about child development milestones. Also covered in this unit is the dynamics of human attachment.











b) Course Objectives




At the end of the course the learner should be able to;

- i) Explain the conception process
- ii) Explain the birth process, its implications and complications
- iii) Explain the theories of child growth and development from 0-3 years
- iv) Describe child development from 0 – 3 years
- v) Explain genetic and environmental factors that influence child development
- vi) Explain the milestones of child development from 0 – 3 years
- vii) Describe the dynamics of human attachment

c) Course Content/Lecture Schedule

Week/Lecture	Topic/subtopic
1	 Introduction to child development <ul style="list-style-type: none"> • Definition of key terms; growth, development, human reproduction & conception • Human reproduction • Aspects of child development • Characteristics of child development • Importance of early years
2	 Theories in child development – 0-3 years

	<ul style="list-style-type: none"> • Psychoanalytic theory of child development – Sigmund Freud (1856 -1939) • Erik Erikson's (1902 – 1994) – Psychosocial Theory • Cognitive theory of child development – Jean Piaget (1896 – 1980) • Bowlby's Attachment Theory • Bandura's Social Learning Theory • Behavioral Child Development Theories
3	<p> Conception process</p> <ul style="list-style-type: none"> • Fertilization • Zygote cell division: Fraternal twins; identical twins; Siamese twins • Milestones of development in the womb (0 – 9 months) • Therapy inside the womb <p> Prenatal development</p> <ul style="list-style-type: none"> • Germinal period • Embryonic period • Fetal period
4	<p> Prenatal developmentconti</p> <ul style="list-style-type: none"> • Genes & chromosomes • Chromosomal and genetic disorders
5	<p> Genetic counselling</p> <ul style="list-style-type: none"> • Infertility • Genetic engineering • Abortion • Artificial insemination by a donor (AID)
6	<p> Genetic counselling ...Conti...</p> <ul style="list-style-type: none"> • In-vitro fertilization • Surrogate mother • Adoption
7	<p> Prenatal Environment influences</p> <ul style="list-style-type: none"> • Teratogens • Examples of teratogens • Effects and symptoms of defects caused by teratogens • Non-teratogenic Agents • Maternal factors • Preconception Care
8	<p> Child birth</p> <ul style="list-style-type: none"> • Birth process • Mode of delivery: Viginal delivery & elective Caesarean section • Implications of the birth process • Birth complication
9	<p> Continuous Assessment test (CAT)</p>
10	<p> Development milestones of the infant – 0 -3 years</p> <ul style="list-style-type: none"> • Physical & motor development • Intellectual development
11	<p> Development milestones of the infant – 0 -3 years ... Conti...</p> <ul style="list-style-type: none"> • Language development • Moral development • Social development

	<ul style="list-style-type: none"> • Emotional development • Child rearing practices
12	 Dynamics of human attachment <ul style="list-style-type: none"> • Early attachment/bonding/trust – Erik Erikson • Attachment and separation
13	 Dynamics of human attachment <ul style="list-style-type: none"> • Social changes • Role of day care • Effect of working mothers
14 - 15	 End of Semester Examinations

d) References

- i) Ambron, S. et al. (1982). Lifespan Human development. 2nd ed. Holt Rinerhart and Winston. New York
- ii) Crace, G. (1996). Human Development. 7th Ed Prentice hall, USA.
- iii) Hetherington, M, & Rose, P. (1986). Child Psychology: A contemporary view point. 3rd Ed. Mc Graw Hill Book Company. New York.
- iv) Howard, G. (1982). Developmental Psychology. 2nd Ed. Little Brown & Company. Boston, Toronto.
- v) Laura, E. (1989). Child development. Allyn & Bacon, USA
- vi) Margret G. (2007). Child Growth and Development Module. Kenya Institute of Education.
- vii) Michael, C. & Sheila R. (1993). The Development of a child. 2nd Ed. Scientific American Books, New York.
- viii) Mundia, A. (1993). Modern educational Psychology for Teachers Colleges. Machakos, Kenya. Triton Publishers.
- ix) Relevant Internet Sources

e) Instructional materials/facilities

- x) Internet
- xi) Projector
- xii) Relevant multimedia content e.g. videos, graphics, etc

f) Methodology

- i) Lectures and tutorials
- ii) Presentations and discussions
- iii) Project work

g) Assessment

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| i) CATS | 20% |
| ii) Assignments | 10% |
| iii) Exam | 70% |
| iv) Total | 100% |

h) Course Lecturer



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