

**ARMY PUBLIC SCHOOL MEERUT CANTT
SYLLABUS BIFURCATION 2023-24
CLASS IX**

SUBJECT – English

**BOOKS –BOOKS: 1. Beehive
2. Moments(Supplementary Reader)
3.Applied English Grammar and Composition**

PUBLISHER – NCERT

ASSESSMENTS	% SYLLABUS TO BE COVERED	MONTH	TOPICS	PERIODS REQUIRED	ACTIVITIES
	15%	APRIL	1. B- The Fun They Had(04) 2. B- The Road not Taken (03)(Poem) 3. B – The Sound of Music(04) (Poem) 4. M-The Lost Child (03) 5. WS-Diary Entry (01) 6. GR- Tenses (03)	18	Activity: Portfolio (Diary Entry)
	10%	MAY	1. M – The adventures of Toto (03) 2. WS- Paragraph Writing(04) 3. GR- Reported Speech (07)	14	Multiple Assessment- Write an article on Preservation of Animals is Preservation of Humanity.
	10%	JUNE	1. B- The Little Girl (04) 2. Wind (poem) (03) 3. WS – Story Writing (03)	10	Subject Enrichment- Make a video, briefing and introducing yourself. (Duration 1 minute)
SYLLABUS 1ST UNIT					
	10%	JULY	1. B - A truly beautiful mind (04) 2. B - Rain on the roof (03) 3. M – Iswaran the Storyteller (03) 4. GR – Subject Verb Concord (03)	14	Portfolio Activity- A self-composed poem describing the beauty of nature.
	10%	AUG	1. B – The Snake and the Mirror (04) 2. B – My Childhood (05) 3. B – The Lake Isle of Innisfree (04) 4. B – A Legend of Northland (3) 5. GR – Modals (04) Editing/Omission (3)	23	Multiple Assessment- Go to the local library in your locality and find legends in your own language.
	10%	SEP	1. Revision (11) GR – Editing/ Omission/ Reported Speech	10	Multiple Assessment- Activity Prepare a bar graph of your progress in the hobby that you pursued from April to July 2023. (Interdisciplinary)
HALF YEARLY EXAMINATION			All topics covered till September		
	10%	OCT	1. B – Reach for the Top (03) 2. B – No men are foreign (02) 3. M – In the kingdom of Fools (03) 4. M- The Happy Prince (03) 5. GR - REVISION	15	Portfolio: You are a travel agent. A family of five members approached you to plan a trip to

					Malaysia. Prepare a mind map of five day trip from the booking of the tickets to their return from the trip. Induce necessary documents required for the trip.
	10%	NOV	1. B- Reach for the top II (06) 2. B – Kathmandu (04) 3. B – On killing a tree (04) 4. M – The Last Leaf (04)	18	Subject Enrichment: Take an interview of your friend/ sibling/neighbor asking about their achievements.
	10%	DEC	1. M – A house is not a home (05) 2. B – If I were You (07) 3. B – A Slumber did my Spirit Seal (06)	18	Prepare a two minutes speech on: Your body speaks your mind.
	05%	Jan	1. M – The Beggar (06) Revision	19	1. Role Play of a good Samaritan (refer to Olga’s Character) 2. Draw a bar graph of your academic performance throughout the year.
		Feb	Annual Exams Revision		

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ARMY PUBLIC SCHOOL MEERUT CANTT
SYLLABUS BIFURCATION 2023-24
CLASS - CLASS: IX

SUBJECT – : हिंदी

BOOKS –1) स्पर्श भाग :1
 2) संचयन भाग :1
 3) व्याकरण परिचय

PUBLISHER – एन.सी.ई.आर.टी.
 एन.सी.ई.आर.टी.
 फुल मार्क्स प्राइवेट लि.

ASSESSMENTS	% SYLLABUS TO BE COVERED	MONTH	TOPICS	PERIODS REQUIRED	ACTIVITIES
	15%	APRIL	दुःख का अधिकार शब्द और पद अनुसार –अनुनासिक रैदास के पद गिल्लू	18	स्व-निर्मित प्रश्नों का उपयोग करके सहपाठियों का मौखिक साक्षात्कार अवधारणा मानचित्र
	10%	MAY	स्मृति उपसर्ग –प्रत्यय एवरेस्ट मेरी शिखर यात्रा	15	गतिविधि- PPT बचेंद्री पाल के जीवन पर आधारित या स्वयं का यात्रा संस्मरण कला समेकित गतिविधि (ग्रीष्मावकाश गृहकार्य)
	10%	JUNE	तुम कब जाओगे अतिथि संवाद लेखन चित्र वर्णन अनुच्छेद लेखन अपठित गद्यांश	10	कहानी के संवाद लिख नाट्य रूपांतरण कीजिए श्रवण कौशल पोर्टफोलियो
SYLLABUS --PT 1			कराया गया समस्त कार्य		
	15%	JULY	रहीम के दोहे स्वर संधि: दीर्घ ,गुण विराम चिह्न प्रथम इकाई परीक्षा	18	दोहा गायन वाचन कौशल
	10%	AUG	आदमीनामा (पठन) वैज्ञानिक चेतना के वाहक –चन्द्र शेखर वैकटरामन अर्थ के आधार पर वाक्यभेद स्वर संधि:यण वृद्धि अयादि	23	भारत के प्रसिद्ध दस वैज्ञानिकों के विषय में चित्र सहित जानकारी दें फिल्म समीक्षा वाचन कौशल फिल्म समीक्षा

	10%	SEP	धर्म की आड़ (पठन) पुनरावृत्ति (उपरोक्त समस्त कार्य	22	-
PT2			कराया गया समस्त कार्य		
	10%	OCT	स्पर्श से(गद्य) शुक्र तारे के समान – काव्य खंड से – अग्निपथ लेखन अभ्यास – अपठित गद्यांश	16	
	10%	NOV	एक फूल की चाह (पठन) स्पर्श से(पद्य) – गीत -अगीत संचयन से – पाठ –कल्लू कुम्हार की उनाकोटि मेरा छोटा सा निजी पुस्तकालय 1.	19	प्रश्नोत्तरी त्रिपुरा राज्य के उनाकोटी सहित अन्य पर्यटन स्थलों की सूची तैयार कीजिए
		DECEMBER	स्वर संधि – गुण, दीर्घ ,वृद्धि ,अयादि	18	
			PT 3 पाठ्यक्रम -शुक्र तारे के समान,कल्लू कुम्हार की उनाकोटी,मेरा छोटा सा निजी पुस्तकालय तथा अब तक कराया समस्त व्याकरण तथा लेखन		
		JANUARY	स्पर्श से (पद्य) – नए इलाके में , खुशबू रचते हैं हाथ लेखन अभ्यास – पत्र ,अनुच्छेद संवाद, चित्र वर्णन	21	पोर्टफोलियो घर से लेकर विद्यालय तक का मानचित्र कॉपी में बनाएं
		FEBRUARY	23पुनरावृत्ति कार्य एवं PT4 का आयोजन		
	PT 4	MARCH	समस्त कार्य		

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ARMY PUBLIC SCHOOL MEERUT CANTT
SYLLABUS BIFURCATION 2023-24
CLASS IX

SUBJECT – SCIENCE

BOOKS – SCIENCE NCERT , CLASS IX

PUBLISHER – NCERT

ASSESSMENTS	% SYLLABUS TO BE COVERED	MONTH	TOPICS	PERIODS REQUIRED	ACTIVITIES
	15%	APRIL	1. Matter in our surroundings 2. The Fundamental Unit of Life 3. Motion	30	*Introduction of Laboratory Apparatus
	10%	MAY	1. Motion(Contd.) 2. Is Matter Around Us Pure 3. The Fundamental Unit of Life(Contd.)	11	*To prepare true colloid and suspension using common salt, starch and calcium carbonate
	10%	JUNE	1. Is Matter Around Us Pure(Contd.) 2. The Fundamental Unit of Life(Contd.) Revision of topics covered in April & May	07	*To show Sublimation of Ammonium Chloride *Preparation of stained temporary mounts of a) Onion Peel b) Human Cheek cells and to record observations and draw labeled diagrams
SYLLABUS 1ST UNIT					
	15%	JULY	1. Force and laws of motion 2. Tissues 3. Tissues - Definition and Classification (Plant Tissues) PT-I (Examination)	18	
	10%	AUG	1. Force and laws of motion(Contd.) 2. Gravitation(till mass & weight) 3. Tissues - Definition and Classification(Animal Tissues) (Contd.)	31	*Identification of Parenchyma, Collenchyma and Sclerenchyma, tissues in Plants,
	10%	SEP	1. Gravitation (Contd.) Buoyancy, Relative Density) 2. Atoms and Molecule 3. Tissues - Definition and Classification(Animal Tissues) (Contd.) REVISION FOR HALF YEARLY	26	* striped smooth and cardiac muscle fibres and Nerve cells in animals from prepared slides. Draw their labeled diagrams
HALF YEARLY EXAMINATION			All topics covered till September		
	10%	OCT	1. Work and Energy 2. Atoms and Molecules(Contd.) 3. Improvement of Food Resources	28	
	10%	NOV	1. Sound 2. Atoms and Molecules (Contd.) 3. Improvement of Food Resources	09	*To verify laws of reflection of sound *To determine the velocity of a pulse .

DECEMBER	1.Sound (contd) 2.Structure of Atoms 3. Improvement of Food Resources (Contd.) PT-III		Natural Resources (Project Work) To prepare a brief write up on any concept.
JANUARY	Revision		
FEBRUARY	Revision		
TERM 2	ANNUAL EXAMINATION		

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ARMY PUBLIC SCHOOL MEERUT CANTT
SYLLABUS BIFURCATION 2023 - 24
CLASS IX

Subject: Social Science Books **PUBLISHER N.C.E.R.T.**

1. **India and Contemporary World(I)**
2. **Democratic Politics(I)**
3. **Understanding Developments of Economics I**
4. **Contemporary India (I)**

EXAMS	% SYLLA BUS TO BE COVE RED	MONTH & NO OF WORKING DAYS	TOPICS	PDS RE QUI RE D	ACTIVITIES
UT1	16%	APRIL 18 DAYS	H1 The French Revolution G1 India- Size and Location C1 What is Democracy? Why Democracy?	10 08 07	H1 Prepare timeline on French Revolution, Map Practice, Explain the meaning of sign and symbols used during the French Revolution, Flow chart. G1 Latitudinal and Longitudinal extent of India on map, States and their capitals, Mark the Standard Meridian of India C1 Comparative chart of democratic values practiced in India, China, Mexico and Pakistan; Features of democracy.
	5%	MAY 15 DAYS	E1 The Story of Village Palampur	04	Merits and Demerits of Green Revolution; list out nonfarm activities around your locality.
	16%	JUNE 10 DAYS	G2 Physical Features of India C2 Constitutional Design	8+4	G2-Locate major mountain ranges and peaks, plateau and coastal plains on an outlined map of India. C2.Pictorial representation of Preamble; Five

					constitutional values given in preamble; report writing on constituent assembly.
	16%	JULY 20 DAYS	H2 Socialism in Europe and the Russian Revolution E2 People as Resource G3 Drainage C3 Electoral Politics	10+6 +5+ 5	H2.Locate central and allied power on world map, concept map of feature of socialism, comparative chart of the ideology of liberals, radicals and conservatives. E2 Role of education and health in human resource development; concept map on main features of Sarva Shiksha Abhiyaan; with the help of pictures depict the different types. G3 Map practice; poster on water conservation, article on importance of river in Indian economy.C3 Sign and symbols of parties; organize a election campaign for the election of monitor in class.
UT1 EXAMINATION 2023-24					
HALF YEARLY EXAMS	16%	AUG 20 DAYS	E3 Poverty as a Challenge H3 Nazism and the Rise of Hitler G4 Climate	03 06 09	G4.Map exercise; comparative study of different season of India. H3 Map exercise; Highlight the main events of Hitler and his ideology. E3. Flow chart on causes of poverty; write a note on the anti poverty measures taken by the government.
	10%	SEP 22DAYS	H4-Forest Society and Colonialism[10 PERIODS .	01 09	H4. Case study on Bastar and Java; Concept map on destruction of forests under colonial rule.
HALF YEARLY EXAMS-2023-24					

UT2	10%	OCT 16 DAYS	C4 Working of Institutions E4 Food Security in India	08 09	C4. Comparative table on political and permanent executives and lok sabha and rajya sabha; flow chart on power of PM and president. E4. Concept map of 4 pillars of food security;.
	10%	NOV 18 DAYS	H5-Pastoralists in modern world E4 Food Security in India	08 10	E4. Main features of PDS. H5. Pictorial presentation of pastoral society of Africa, Jammu Kashmir, Himachal Pradesh, Uttarakhand with description.
		DEC 18 DAYS	G5 Natural Vegetation and Wildlife G6 Population		G5. Map exercise; Frame question from the topic-wildlife and its conservation; flow chart on conservational strategies by government. G6. Map work; worksheet.
	UT2 EXAMINATION 23-24				
	10%	JAN 24 DAYS	C5-Democratic rights	07	Post cards on Fundamental Rights.
-	FEBRUARY 23 DAYS	REVISION	18	Recapitulation	
	MARCH 2023 22 DAYS	ANNUAL EXAMINATION -2023-24			

ARMY PUBLIC SCHOOL MEERUT CANTT

**SYLLABUS BIFURCATION 2023-24
CLASS IX**

SUBJECT – Information Technology (402)

BOOKS –INFORMATION TECHNOLOGY

PUBLISHER – NCERT

EXAMS	MONTH	TOPICS	PERIODS REQUIRED	ACTIVITIES
UNIT TEST 1	APRIL 18 DAYS	Unit 1 : Introduction to IT-ITes Industry (Main Book IT) <ul style="list-style-type: none"> IT & IT-es IT Applications 	10	Make a list of MNCs and ISPs
UNIT TEST 1	MAY 15 DAYS	Unit 1 : Introduction to IT-ITes Industry (Main Book IT) <ul style="list-style-type: none"> BPO & BPM BPM in India 	08	Write 5 applications of IT in your surrounding
UNIT TEST 1	JUNE 10 DAYS	Unit 2 : Data Entry and Keyboarding Skills (Main Book IT)	06	Complete first 3 lessons provided in Rapid Typing Software
UNIT TEST 1 SYLLABUS COMPLETE				
Half Yearly	JULY 20 DAYS	Unit 2 : Data Entry and Keyboarding Skills (Main Book IT) <ul style="list-style-type: none"> Keyboarding Skills Type of Keys Ergonomics Rapid typing Tutor CHAPTER 1 : Communication Skills (Employability Skills)	10	Complete all the lessons provided in Rapid Typing Software
Half Yearly	AUG 20 DAYS	CHAPTER 2 : Self Management Skills (Employability Skills) CHAPTER 3: Basic ICT Skills (Employability Skills)	12	Activity : 1. Role play on avoiding stressful situation 2. Group demonstration on how to use a computer.

	SEP 22 DAYS	Revision of Half Yearly Syllabus Half Yearly Exams		
UNIT TEST 2	OCT 16 DAYS	UNIT 3 : Digital Documentation (Main Book IT) <ul style="list-style-type: none"> • Introduction • Document formatting 	8	Activity: Prepare your Bio-data 10 years from now
UNIT TEST 2	NOV 18 DAYS	UNIT 4 : Electronic Spreadsheet (Main Book IT) <ul style="list-style-type: none"> • Introduction • Spreadsheet • Formulae • Spreadsheet formatting 	10	Activity : Prepare a Marksheet of any imaginary student with his total marks, average marks, percentage etc.
UNIT TEST 2 SYLLABUS COMPLETE				
Annual Examinations	DEC 18 DAYS	CHAPTER 4 : Entrepreneurial Skills (Employability Skills) (PROJECT WORK DISCUSSION)	10	Activity : Presentation on the Power of Entrepreneurship
Annual Examinations	JAN 21 DAYS	Unit 5 : Digital Presentation <ul style="list-style-type: none"> • Introduction • Presentation Formatting CHAPTER 5: Green Skills (Employability Skills) PROJECT WOK EXECUTION	11	Activity : Prepare a presentation on any topic of chap 1 : IT-It-es
	FEB 23 DAYS	Revision for Annual Examination Project Work Submission	9	
	MARCH 22 DAYS	ANNUAL EXAMINATION -2023-24		

**ARMY PUBLIC SCHOOL MEERUT CANTT
SYLLABUS BIFURCATION 2023-24
CLASS IX**

SUBJECT – Artificial Intelligence (Subject Code: 417)

BOOKS –

https://cbseacademic.nic.in/web_material/Curriculum21/publication/secondary/AI_Curriculum_Handbook%20Class%20209.pdf (AI Facilitator Handbook)

PUBLISHER – CBSE

ASSESSMENTS	% SYLLABUS TO BE COVERED	MONTH	TOPICS	PERIODS REQUIRED	ACTIVITIES
Practical (Observation on the online tools used) AI Component, Strategy to win the game and challenges faced	10%	APRIL	Unit-1 1.1 Excite Introduction to AI Activity: Game Time/ Quiz Time 1.2 Relate Smart homes and Cities Real life examples of AI Unit-1 (Employability Skills) Communication Skills	10	<ul style="list-style-type: none"> Game Time (Domains including Data Science, Computer Vision and NLP) Smart Phone AI enabled applications
Smart Home Activity, Balloon Debate	5%	MAY	Unit-1 1.2 Relate Floorplan Activity 1.3 Purpose Sustainable Development Goals 1.4 Possibilities Fields in which AI is being used to improve the efficiency	8	<ul style="list-style-type: none"> Dream Smart home Interconnection of three domains using three different colored threads Research on current AI trends Job Advertisement in 2030
Ethical Scenario, Balloon Debate, Identification of a problem statement using SDGs	5%	JUNE	Unit-1 1.5 AI Ethics Various ethical concerns surrounding AI Unit-2 Project Cycle AI Project Cycle Defined	6	<ul style="list-style-type: none"> Usage of online tool (Moral Machine) to identify your moral concerns. Balloon Debate on Ethical Concerns with real life examples
SYLLABUS 1ST UNIT			Unit-1 Excite, Relate, Purpose, Possibilities, Ethics Unit-1 Employability Skills Steps Involved in Project cycle		
Filling of 4Ws problem canvas considering the problem statement, Identification of data features relevant to the problem	10%	JULY	Unit-2 AI Project Cycle 2.1 Problem Scoping Problem Statement Template 4 Ws Problem Canvas 2.2 Data Acquisition Data Features Acquiring data System Maps	10	<ul style="list-style-type: none"> Problem Statement Template 4 Ws Problem Canvas Open-source data collection sites

statement, System Maps					
Sketchy Graphs associated with the dataset collected, Different real life rule based and learning based models, Decision Tree model	10%	AUG	Unit-2 AI Project Cycle 2.3 Data Exploration Sketchy Graphs 2.4 Modelling AI, ML and DL Modelling Rule Based Approach, Learning Based Approach Decision Tree Unit-2 Employability Skills Self-Management Skills	12	<ul style="list-style-type: none"> • Identification of data features • System Maps • Sketchy Graphs • Enlisting the real-life examples of rule based and learning based • Creating decision tree
Forming simple steps to solve the problems, Practical Session: Simple output problems using interactive and script mode (Practical Notebook)	10%	SEP	Unit-3 Employability Skills Information and Communication Technology Unit-4 Introduction to Python Algorithms & Flowcharts Usage of flowchart to represent algorithms Introduction to Python Python for AI Applications of Python Setting up Python for use IDE: Interactive & Script Mode Revision (Introductory Concepts on AI)	12	<ul style="list-style-type: none"> • Quiz Time • Writing Algorithms for different problem statement • Creating the flowchart associated with the algorithm • Printing of simple statements using Python IDE: Interactive and Script Mode
HALF YEARLY EXAMINATION			Unit-1 Excite, Relate, Purpose, Possibilities, Ethics Unit-2 AI Project Cycle Unit-1 Employability Skills Unit-2 Self-Management Skills Unit-3 Information & Communication Skills		
Practical Session: Programs with their outputs in the Practical Notebook. Execution of Python statements, using input and output statements.	10%	OCT	Python Statement and Comments Python Operators I Python Input and Output Type Conversion Python Operators II Introduction to Lists and Tuples Functions associated Lists and Tuples Unit-4 Employability Skills Entrepreneurial Skills	8	<ul style="list-style-type: none"> • Creating Python programs • Converting the data types • Program execution using various operators • Program execution using List and Tuple Operations
Practical Session: Programs with their outputs in the Practical Notebook.	10%	NOV	Revision of Topics Covered Unit-3 Neural Network (Introduction)	10	<ul style="list-style-type: none"> • Program Execution using Python • Working with Jupyter Notebook

Execution and usage of Python Operators, Creating Lists, Tuples and performing various operations on them					<ul style="list-style-type: none"> Program execution using various operators, List and Tuple Operations
SYLLABUS 2nd UNIT			Unit-4 Introduction to Python (Till Lists and Tuples) Unit-4 Employability Skills (Entrepreneurial Skills)		
Practical Session: Programs with their outputs in the Practical Notebook. Python program executions. Observations on the ANN online tool	10%	DEC	Unit-3 Neural Network Neural Network- Defined Neural Network Vs Human Nervous System Human Neural Network- The Game	10	<ul style="list-style-type: none"> Neural Network Activity: Class game of identifying the image shown to the input layer Online tool to execute and adjust the layers and nodes of ANN
Practical Session: Programs with their outputs in the Practical Notebook. Decision making through Python.	10%	JAN	Unit-4 Introduction to Python If Statement Python if....else Statement Python if...elif....else Statement Syntax of if....elif....else Nested if Statement Introduction to Looping Structures	11	<ul style="list-style-type: none"> Revision: Program execution using various operators, List and Tuple Operations Decision Making Execution through Python Programming
Practical Session: Programs with their outputs in the Practical Notebook. Decision making and iterative execution through Python control and looping structures.	10%	FEB	Unit-4 Introduction to Python For and while loop Unit-5 Employability Skills Green Skills	9	<ul style="list-style-type: none"> Revision: Program execution using various operators, List and Tuple Operations, Decision Making Python Execution using Control and looping structures
ANNUAL EXAMINATION			Unit-1 Excite, Relate, Purpose, Possibilities, Ethics Unit-2 AI Project Cycle Unit-3 Neural Network		

	Unit-4 Introduction to Python Unit-1 Employability Skills Unit-2 Self-Management Skills Unit-3 Information & Communication Skills Unit-4 Entrepreneurial Skills Unit-5 Green Skills		
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**ARMY PUBLIC SCHOOL MEERUT CANTT
SYLLABUS BIFURCATION 2023-24
CLASS IX**

SUBJECT – Marketing and Sales

BOOKS – Introduction to Marketing and Sales

ASSESSMENTS	% SYLLABUS TO BE COVERED	MONTH	TOPICS	PERIODS REQUIRED	ACTIVITIES
Class Test	5%	APRIL	Unit 1: Introduction to Marketing and Sales 1.	02	Students will be asked to identify the importance of marketing
Assignment	15%	MAY	Unit 1: Introduction to Marketing and Sales	12	Students will be asked to identify the concept used in selling different products
Class Test	10%	JUNE	Concept of Market	09	Student will be asked to collect information about different segments entered by a particular Company
SYLLABUS 1ST UNIT			Introduction to Marketing and Sales, Concept of Market		
Class Test	10%	JULY	Concept of Market	12	Worksheets
Assignment	10%	AUG	BASIC CONCEPTS OF SALES AND SELLING	11	<ul style="list-style-type: none"> Students will be asked to identify selling activity related to a particular product
Class Test	10%	SEP	BASIC CONCEPTS OF SALES AND SELLING	12	Questions for homework, 3 self-assessment test after every topic.
HALF YEARLY EXAMINATION			All topics covered till September		
Class Test	10%	OCT	UNDERSTANDING CUSTOMER AND CONSUMER	11	Students will be asked to identify selling activity related to a particular product
Assignment	10%	NOV	UNDERSTANDING CUSTOMER AND CONSUMER	10	Assignment 1 on Customers Assignment 2 on buyer's behavior
Class Test	10%		ACTIVITIES IN MARKETING AND SALES UT 2 : UNDERSTANDING CUSTOMER AND CONSUMER, ACTIVITIES IN MARKETING AND SALES	9	Questions for homework, 3 self-assessment test after every topic.
Class Test	5%	JAN	Revision		Questions for homework, 3 self-assessment test after every topic.
Class Test	5%	FEB	Revision		Questions for homework, 3 self-assessment test after every topic.
Final Exams			Full Syllabus		