



BUNDELKHAND UNIVERSITY JHANSI
Syllabus for NCC as Elective Subject at UG Level



GROOMING TOMORROW'S LEADERS

**NCC AS A GENERAL GENERIC ELECTIVE CREDIT COURSE UNDER CHOICE BASED CREDIT SYSTEM IN
ACCORDANCE WITH NEW EDUCATION POLICY 2020**

NCC CREDIT COURSE

UNDER CHOICE BASED CREDIT SYSTEM AS GENERAL ELECTIVE

1. **Preamble.** The National Cadet Corps (NCC) is governed by NCC Act 1948 and attendant NCC Rules. It functions under the Ministry of Defence and is headed by DGNCC. It is organised into 17 State Directorates each headed by an Additional/Deputy Director General. The aims of NCC are:-

(a) To develop character, camaraderie, discipline, secular outlook, the spirit of adventure, sportsman spirit and ideals of selfless service amongst cadets by working in teams, honing qualities such as self-discipline, self-confidence, self-reliance and dignity of labour in the cadets.

(b) To create a pool of organized, trained and motivated youth with leadership qualities in all walks of life, who will serve the Nation regard less of which career they choose.

(c) To provide a conducive environment to motivate young Indians to choose the Armed Forces as a career.

2. **Purpose.** Currently NCC training is imparted as extra-curricular activity to volunteer students from recognized schools and colleges who enroll as cadets. NCC as a Credit Course is designed with an intent to transform NCC training into a curricular activity from an extra-curricular thereby providing academic credits to students undergoing NCC training along with other attended advantages to the cadets in the college/ university.

3. **Introduction to NCC Credit Course.** Institutional Training is the mainstay of NCC training and it is conducted at colleges and universities by Associate NCC Officers and Armed Forces personnel. The application of knowledge gained through institutional training is further honed or developed to a higher degree in NCC Camps. The Institutional Training syllabus comprises Common Subjects and Specialized Subjects (Military component). NCC Course is designed to offer Institutional Training of Senior Wing /Division is over Four semesters (Two years), comprising 300 periods, of which 60 periods are meant for theory with 04 credits and 240 periods for practical with 08 credits. Each period is counted as hour.

Training schedules planned for cadets ensure that the optimum benefits of the NCC organization reach maximum number of cadets. The main emphasis is on practical training which in consonance with theory is made to facilitate active participation of learner, better assimilation of knowledge, and proper development of various skills, strengthening of mind and body which is the bedrock of NCC training.

4. Training Objectives

Institutional training includes basic military training of the cadets as part of the curriculum with its long-standing effort to mould young volunteers into disciplined and responsible citizens of

India. NCC course is aimed to achieve following learning objectives:-

(a) Develop character, camaraderie, discipline, secular outlook, the spirit of adventure, sportsman spirit and ideals of selfless service amongst cadets by working in teams, honing qualities such as self-discipline, self-confidence, self-reliance and dignity of labour in the cadets.

(b) To create interest in cadets by including and laying emphasis on those aspects of Institutional Training which attract young cadets into the NCC and provides them an element of thrill and excitement.

(c) To inculcate defence Services work ethos that is characterized by hard work, sincerity of purpose, honesty, ideal of selfless service, dignity of labour, secular outlook, comradeship, spirit of adventure and sportsmanship.

(d) To create a pool of organized, trained and motivated youth with leadership qualities in all walks of life, who will serve the Nation regardless of which career they choose.

(e) To provide conducive environment to motivate young Indians to choose the Armed Forces as a career.

5. Institutions/Colleges having adequate infrastructure and resources may be entitled to offer NCC as an Elective subject. To begin with only those institutions having Associate NCC Officers or approved caretakers may be entitled to opt for NCC as elective subject, subsequently other institutions/colleges may also be covered.

SUMMARY					
NCC GENERAL ELECTIVE CREDIT COURSE					
Semester	Credits Allocated			Total	Remarks
	Theory	Practicals			
Semester - I	01	02		03	
Semester - II	01	02		03	
Semester – III	01	02		03	
Semester – IV	01	02		03	
Total	04	08		12	Twelve Credits

SEMESTER WISE COURSE (ARMY CADETS)

FOUR SEMESTERS NCC COURSE SYLLABUS

SEMESTER I COURSE MODULE

Course Code	BUNCC01	Credits	1(Thr)+ 2(Pr) = 03
L /T + P	15+60	Course Duration	1 Semester
Semester	I (Odd)	Contact Hours	15(Thr)+60(Pr)=75 Hours
Methods of Content Interaction	Lecture, Tutorials, Group discussion, Collaborative work, self-study, Seminar presentations by students, individual and group drills, group and individual field-based assignments, Educational Excursion		

Course Content Part (I) Theory

Course Objectives: Cadets will be able to: -

1. Know about the history of NCC, its organization, and incentives of NCC for their career prospects.
2. Acquire knowledge of duties and conduct of NCC cadets.
3. Understand about different NCC camps and their conducts.
4. Understand the concept of national integration and its importance.
5. Understand the concept of self-awareness and emotional intelligence.
6. Understand the concept of critical & creative thinking.
7. Understand the process of decision making & problem solving.
8. Understand the concept of team and its functioning.
9. Understand the concept and importance of Social service.

Expected Learning Outcomes. After completing this course, the cadets will be able to: -

1. Imbibe the conduct of NCC cadets.

2. Respect the diversity of different Indian culture.
3. Practice togetherness and empathy in all walks of their life.
4. Do their own self analysis and will workout to overcome their weakness for better performance in all aspects of life.
5. Understand creative thinking & its components.
6. Think divergently and will try to break functional fixedness.
7. Make a team and will work together for achieving the common goals.
8. Do the social services on different occasions.

Course Content Part (I) Theory

Unit 1- NCC General (N) (Contact Hrs. 03). Introduction of NCC, History, Aims, Objective of NCC & NCC as Organization, Incentives of NCC, Duties of NCC Cadet. NCC Camps: Types & Conduct.

Unit 2- National Integration & Awareness (NI) (Contact Hrs. 04) . National Integration: importance & Necessity, Factors Affecting National Integration, Unity in Diversity & Role of NCC in Nation Building, Threats to National Security.

Unit 3- Personality Development (Contact Hrs. 3). Intra & Interpersonal skills - Self-Awareness- & Analysis, Empathy, Critical & creative thinking, Decision making and problem solving.

Unit 4- Social Service and Community Development (Contact Hrs. 02). Basics of social service and its need, Types of social service activities, Objectives of rural development programs and its importance, NGO's and their contribution in social welfare, contribution of youth and NCC in Social welfare.

Unit 5- An Introduction to History and Geography of Bundelkhand (Contact Hrs. 01).

Unit 6- Military History , Study of Battles of Indo-Pak Wars 1965 & 1971 **(Contact Hrs. 2).**

Course Content Part (II) Practicals

Course Objectives: Cadets will be able to: -

- a. Understand that drill as the foundation for discipline and to command a group for common goal.
- b. Appreciate grace and dignity in the performance of foot drill.
- c. Understand the importance of a weapon its detailed safety precautions necessary for prevention of accidents.
- d. Develop awareness about different types of terrain and how it is used in battle craft.
- e. Develop the concept of various markings on the map and how they are co-related to the ground features.

- f. Understand the various social issues and their impact on social life.
- g. Develop the sense of self-less social service for better social & community life.

Expected Learning Outcomes: After completing this course, the cadets will be able to: -

- a. Perform foot drill and follow the different word of command.
- b. Fire a weapon effectively with fair degree of marksmanship.
- c. Undertake point to point navigation and take part in route marches by day and night.
- d. Perform the social services on various occasions for better community & social life.

Course Content Part (II) Practicals

Unit 1. Drill (Contact Hrs. 15). Foot Drill- Drill ki Aam Hidayaten, Word ki Command, Savdhan, Vishram, Aram Se, Murdna, Kadvar Sizing, Teen Line Banana, Khuli Line, Nikat Line, Khade Khade Salute Karna Parade Par, Visarjan, Line Tod, Tej Chal, Tham aur Dhire Chal, Tham.

- a. Ceremonial Drill. b. Guard Mounting.

Unit 2. Weapon Training (WT) (Contact Hrs. 08). Introduction & Characteristics of .22 rifle, Handling of .22 rifle.

Unit 3. Map Reading (MR) (Contact Hrs. 07). Definition of Map, Conventional signs, Scale and Grid System, Topographical forms and technical terms, Relief, Contours and gradients, Cardinal points and types of North, Magnetic Variation and Grid Convergence.

Unit 4. Field Craft & Battle Craft (FC & BC) (Contact Hrs. 03). Introduction of Field Craft & Battle craft, Judging Distance, Method of Judging Distance.

Unit 5. Social Service and Community Development (SSCD)(Contact Hrs.07) Cadets will participate in various activities throughout the semester e.g., Blood donation Camp, Swachhata Abhiyan, Constitution Day, Jan Jeevan Hariyali Abhiyan, Beti Bachao Beti Padhao etc.

Unit 6. Field Craft & Battle Craft(Contact Hrs. 08)

- i. Fire control orders.
- ii. Types of fire control orders.
Fire and Movement- when to use fire and movements tactics, Basic considerations, Appreciation of ground cover, Types of cover, Dead ground, Common Mistakes, Map and air photography, Selection of Fire position and fire control.

Unit 7. Map Reading(Contact Hrs. 06). Google Maps & applications

Unit 8. Weapon Training(Contact Hrs. 06). Short Range firing

SEMESTER II COURSE MODULE

Course Code	BUNCC02	Credits	1(Thr)+ 2(Pr)=03
L /T + P	15+60	Course Duration	1 Semester
Semester	II (Even)	Contact Hours	15(Thr)+60(Pr)=75Hours
Methods of Content Interaction	Lecture, Tutorials, Group discussion, Collaborative work, self-study, Seminar presentations by students, individual and group drills, group and individual field-based assignments, Educational Excursion		

Course Content Part (I) Theory

Course Objectives: Cadets will be able to: -

1. Understand the thinking & reasoning process.
2. Understand the process to cope with Stress & emotions.
3. Understand the importance of improving communication skills.
4. Identify the leadership traits.
5. Admire the qualities of great leaders.
6. Know about different legal provisions for children & women safety and protection.
7. Understand the various rules & measures to be taken to ensure Road/Rail safety.
8. Understand & spread awareness about latest Government initiatives for welfare of citizens and contribute towards Nation building.
9. Understand concepts of cyber and mobile security.

Expected Learning Outcomes. After completing this course, the cadets will be able to: -

1. Define thinking, reasoning, critical thinking and creative thinking.
2. To think critically about different life related issues.
3. Think divergently and will try to break functional fixedness.
4. Creatively in their real-life problems.
5. Understand the organizations related to disaster management and their functioning.
6. Appreciate the role of NCC cadets in disaster management.

Course Content Part (I) Theory

Unit 1. Personality Development (Contact Hrs.5)

- (i) Thinking- Meaning and Concept of thinking, Reasoning, Process of thinking.
- (ii) Critical Thinking- Meaning & concept of critical thinking, Features of critical thinking, Process of critical thinking.
- (iii) Creative thinking- Meaning & concept of creative thinking, Features of creative thinking, Process of creative thinking, levels of Creativity, Characteristics of creative person.

Unit 2. Leadership Development (Contact Hrs.4)

- (i) Leadership capsule.
- (ii) Important Leadership traits, Indicators of leadership and evaluation.
- (iii) Motivation- Meaning & concept, Types of motivation. Factors affecting motivation.
- (iv) Ethics and Honor codes.

Unit 3. Social Service and Community Development (Contact Hrs. 4)

- (i) Protection of Children & Women Safety.
- (ii) Road/Rail Safety.
- (iii) New Government Initiatives.
- (iv) Cyber and mobile Security Awareness.

Unit 4 . Border & Coastal Areas(Contact Hrs.2). Security Setup and Border/Coastal management in the area.

Course Content Part (II) Practicals

Course Objectives. Cadets will be able to: -

- a. Understand that drill as the foundation for discipline and to command a group for common goal.
- b. Appreciate grace and dignity in the performance of foot drill.
- c. Understand the importance of a weapon its detailed safety precautions necessary for prevention of accidents.
- d. Use terrain effectively for concealment, camouflage, indicate landmarks and give field signals.

Expected Learning Outcomes. After completing this course, the cadets will be able to: -

- a. Perform foot drill gracefully.

- b. Give and follow the different word of command.
- c. Fire a weapon effectively with fair degree of marksmanship.
- d. Use of bearing and service protractor and locate the places and objects on the ground.
- e. Do the social service and feel connected with social problems.

Course Content Part (II) Practicals

Unit 1. Drill (Contact Hrs. 15)

- i. Foot Drill Dahine, Baen, Aageaur Piche Kadam Lena.
- ii. Tej Chal se Murdna, Tej Chal se Salute Karna, Tej Kadam Taal aur Tham, Tej Kadam Taal se Kadam Badalna.
- iii. Teeno Teen se Ek File aur ek file se Teeno Teen Banana

Unit 2. Weapon Training (Contact Hrs. 08)

- i. Range procedure & Theory of group.
- ii. Short Range firing.

Unit 3. Map Reading (Contact Hrs. 07)

- i. Protractor Bearing and its conversion methods.
- ii. Service protractor and its uses.
- iii. Prismatic compass and its uses and GPS.
- iv. Navigation by compass and GPS.

Unit 4. Field Craft & Battle Craft (Contact Hrs. 04)

- i. Indications of landmarks and Targets.
- ii. Intro, Definitions, Types of Ground, Indication of Landmarks, Methods of identification of targets, difficult targets.

Unit 5. Social Service and Community Development (Contact Hrs. 06)

Cadets will participate in various activities throughout the semester e.g., Blood donation Camp, Swachhata Abhiyan, Constitution Day, Jan Jeevan Hariyali Abhiyan, Beti Bachao Beti Padhao etc. as per the requirement and similar announced days-National and state level.

Unit 6. Health & Hygiene (Contact Hrs. 10)

- i. Yoga- Introduction, Definition, Purpose, Benefits.
- ii. Asanas-Padamsana, Siddhasana, Gyan Mudra, Surya Namaskar, Shavasana,

Vajrasana, Dhanurasana, Chakrasana, Sarvaangasana, Halasanaetc.

Unit 7. Obstacle Training(Contact Hrs. 10)

- (i) Obstacle training – Intro, Safety measures, Benefits.
- (ii) Obstacle Course- Straight balance, Clear Jump, Gate Vault, Zig- ZagBalance, High Wall etc.

SEMESTER III COURSE MODULE

Course Code	BUNCC03	Credits	1(Thr)+ 2(Pr)=03
L /T + P	15 +60	Course Duration	1 Semester
Semester	III (Odd)	Contact Hours	15(Thr)+60(Pr)=75Hours
Methods of Content Interaction	Lecture, Tutorials, Group discussion, Collaborative work, self-study, Seminar presentations by students, individual and group drills, group and individual field-based assignments, Educational Excursion		

Course Content Part (I) Theory

Course Objectives. Cadets will be able to: -

1. Understand the life history and leadership qualities of great leaders, sportspersons & entrepreneurs.
2. Understand the various aspects of types of mindset.
3. Understand public speaking methods & qualities.
4. Understand the organizations related to disaster management and their functioning.
5. Understand the role of NCC cadets in disaster management.
6. Understand the various types of adventure activities.
7. Understand the History, Geography & Topography of Border/ Coastal Areas.

Expected Learning Outcomes. After completing this course, the cadets will be able to: -

1. Admire and get inspired from the accomplishments of leaders from various walks of life.
2. Develop public speaking skills.
3. Understand the importance of positive mindset and optimistic attitude in life.

4. Appreciate the need & requirement for disaster management and his role in disaster management activities.
5. Know the history & geographical peculiarity of our borders & coastal regions.

Course Content Part (I) Theory

Unit 1. Personality Development (Contact Hrs.3)

- i. Group Discussions - Change your Mindset
- ii. Public Speaking.

Unit 2. Leadership Development (Contact Hrs.3).

Case Studies –APJAbdul Kalam, Deepa Malik, Maharana Pratap, N Narayan Murthy.

Unit 3. Disaster management(Contact Hrs. 3)

- i. Disaster Management Capsule.
- ii. Organisation.
- iii. Types of Disasters.
- iv. Essential Services.
- v. Assistance.
- vi. Civil Defence Organisation.

Unit 4. Adventure (Contact Hrs. 1). Adventure activities.

Unit 5.Border & Coastal Areas(Contact Hrs. 2). History, Geography &Topography of Border/ Coastal Areas.

Unit 6. Introduction to Infantry Battalion and its Equipment(Contact Hrs 2) Organization of Infantry Battalion & its weapons

Unit 7. Armed Forces(Contact Hrs. 1). Modes of Entry into Army, Police andCAPF.

Course Content Part (II) Practicals

Course Objectives. Cadets will be able to :-

- a. Understand that drill as the foundation for discipline and to command a group for common goal
- b. Appreciate grace and dignity in the performance of arm drill
- c. Understand the concept and importance of social service.
- d. Understand the importance of a weapon its detailed safety precautions necessary for prevention of accidents.

e. Actively participate in social service and community development activities.

Expected Learning Outcomes.After completing this course, the cadets will be able to: -

- a. Perform arm drill gracefully.
- b. Give and follow the different word of command.
- c. Fire a weapon effectively with fair degree of marksmanship.
- d. Different positioning for fire and aiming.
- e. Use terrain effectively for concealment, camouflage, indicate landmarks and give field signals.
- f. Observe surroundings in better way.
- g. Develop the qualities of patience and confidence and become better individuals.
- h. Will develop physical as well as mental fitness.

2. Course Content Part (II) Practicals

Unit 1. Drill(Contact Hrs. 15)

- (i) Arm Drill.
- (ii) Rifle ke saath Savdhan, Vishram aur Aram se.
- (iii) Rifle ke saath Parade Par aur Saj, Rifle ke saath Visarjan, Line Tod.
- (iv) Bhumi Shastra aur Uthao Shastra, Bagal Shastra aur Baju Shastra.
- (v) Ceremonial Drill.
- (vi) Guard of Honour.

Unit 2. Weapon Training(Contact Hrs. 08). Short Range firing.

Unit 3. Map Reading (Contact Hrs. 09).

- i. Setting of Map.
- ii. Findings North and Own Position.
- iii. Google maps and Applications

Unit 4. Field Craft & Battle Craft (Contact Hrs. 10)

- i. Observation.
- ii. Camouflage.
- iii. Concealment.
- iv. Knots, Lashing and Stretchers.

Unit 5. Social Service and Community Development (Contact Hrs. 10). Cadets will participate in various activities throughout the semester e.g., Blood donation Camp, Swachhata Abhiyan, Constitution Day, Jan Jeevan Hariyali Abhiyan, Beti Bachao Beti Padhao etc as per the requirement and similar announced days- National and State level.

Unit 6. Obstacle Training(Contact Hrs. 8)

- i. Obstacle training - Introduction, Safety-measures, Benefits.
- ii. Obstacle Course- Straight balance, Clear Jump, Gate Vault, Zig- Zag Balance, High Wall.

SEMESTER IV COURSE MODULE

Course Code	BUNCC04	Credits	1(Thr)+ 2(Pr)=03
L /T + P	15+60	Course Duration	1 Semester
Semester	IV (Even)	Contact Hours	15(Thr)+60(Pr)=75Hours
Methods of Content Interaction	Lecture, Tutorials, Group discussion, Collaborative work, self-study, Seminar presentations by students, individual and group drills, group and individual field-based assignments, Educational Excursion		

Course Content Part (I) Theory

Course Objectives. Cadets will be able to: -

1. Develop a sense of time management and social skills.
2. Understand the life history & leadership qualities of personalities who have contributed in Nation Building and Literature.
3. Understand the role of NCC cadets as 2nd line Defence in 1965 War.
4. Develop awareness about various types of Natural and manmade disasters.
5. Know about life saving tips during disasters.
6. acquainted about Fire Services.
7. Understand importance of Environmental Awareness & conservation.
8. Understand importance of General Awareness.
9. Know about Armed Forces.

Expected Learning Outcomes. After completing this course, the cadets will be able to: -

1. Effectively Manage time.
2. Develop the qualities of social skills.
3. Imbibe leadership qualities.
4. Do group discussions effectively.
5. Be motivated to serve the nation by joining Armed forces.
6. Contribute in environmental awareness and conservation activities.
7. Keep abreast of current affairs & general awareness. (viii)Effectively contribute in managing disaster relief tasks.

Course Content Part (I) Theory

Unit 1. Personality Development (Contact Hrs.4).

- i. Group Discussions –Social Skills & Time management.
- ii. Career Counselling.
- iii. SSB Procedure.
- iv. Interview Skills.

Unit 2. Leadership Development (Contact Hrs.3). Case Studies – CaseStudies – Ratan Tata, Rabindra Nath Tagore, Role of NCC cadets in 1965 war.

Unit 3. Disaster management(Contact Hrs. 3)

- i. Initiative Trg, Organising Skills.
- ii. Dos and Don'ts.
- iii. Natural Disasters.
- iv. Man Made Disasters.
- v. Fire Services and Fire Fighting.

Unit 4. Environmental Awareness (Contact Hrs. 2). Adventure Environmental Awareness and Conservation.

Unit 4. Armed Forces(Contact Hrs. 1). Army, Navy, Air Force and Central Armed Police Forces.

Unit 4. Military History(Contact Hrs. 2).

- i. Biographies of Renowned Generals.
- ii. War Heroes : Param Veer Chakra Awardees.
- iii. Study of Battles of Kargil.
- iv. War Movies.

Course Content Part (II) Practicals

Course Objectives. Cadets will be able to: -

- a) Understand that drill as the foundation for discipline and to command a group for common goal.
- b) Understand various signals to convey messages in the army.
- c) Get acquainted various section formations.
- d) Understand the basics of personal and public hygiene.
- e) Get acquainted with the procedure to treat the wounds and fractures during emergencies.

Expected Learning Outcomes. After completing this course, the cadets will be able to: -

- a) Perform weapon drill gracefully.
- b) Give and follow the different word of command.
- c) Appreciate grace and dignity in the performance of foot drill.
- d) Apply signals in their day to day functioning.
- e) Provide first aid during the emergencies.
- f) Navigate to the given location on ground using compass and GPS.
- g) Practice healthy practices for the personal sanitation and hygiene.

Course Content Part (II) Practical

Unit 1. Drill (Contact Hrs. 12)

- i. Arm Drill.
- ii. Salami Shastra.
- iii. Squad Drill with Arms.

Unit 2. Weapon Training (Contact Hrs. 08). Short Range firing

Unit 3. Map Reading(Contact Hrs. 08)

- i. Map to Ground.
- ii. Ground to Map.

Unit 4. Field Craft & Battle Craft(Contact Hrs. 07)

- i. Fire and Move Capsule.
- ii. Field signal- with hand, with Weapons, Signal with Whistle.
- iii. Field signals as means of giving orders.
- iv. Field signals by day, Field signals by night.
- v. Section Formation.

Unit 5. Social Service and Community Development(Contact Hrs. 08)

Cadets will participate in various activities throughout the semester e.g., Blood donation Camp, Swachhata Abhiyan, Constitution Day, Jan Jeevan Hariyali Abhiyan, Beti Bachao Beti Padhao etc as per the requirement and similar announced days- National and State level.

Unit 6. Health & Hygiene(Contact Hrs. 08)

- i. Hygiene & Sanitation (Hygiene- Personal & Camp Hygiene).
- ii. First Aid in common medical emergencies.
- iii. Treatment & Care of Wounds.

Unit 7 Introduction of Infantry Weapons & Equipment (INF) (Contact Hrs.05). Characteristics of 5.56MM INSAS Rifle, Ammunition, Fire Power, Stripping, Assembling & Cleaning Practice.

Unit 8. Communication (COM) (Contact Hrs. 04).

- i. Basic Radio Telephony (RT) Procedure.
- ii. Introduction, Advantages, Disadvantages, Need for standard procedures.
- iii. Types of Radio telephony communication.
- iv. Radio telephony procedure, Documentation