

## **30Th ANNIVERSARY OF CUCA**

Special edition of the

### **CENTRAL AFRICA STUDENTS CHALLENGE (CASC) 2021**

(October – December 2021)

In all the Campuses of the Catholic University of Central Africa in Yaoundé

**Practical Modalities**

of the

**Applied and Technological Sciences Paper**

Theme:

**Mitigation of the negative impact in preventing the spread of a pandemic on the health system : innovative, sustainable and efficient alternative solutions.**

## GENERAL INFORMATION

- **Period:** The final of the **Central Africa Students Challenge (CASC) 2021** will take place at the **Catholic University of Central Africa from October 14 to December 15, 2021.**
- **Target :** CASC is intended for every students running at list an academic or professional bachelor's degree and dully enrolled at the Catholic University of Central Africa, a State University, a Higher School, a Private Institute of Higher Education (PIHE) in Cameroon
- **Theme:** Reduction of the negative impact related to the prevention and the spreading of a pandemic on health systems: innovative, sustainable and efficient alternative solutions.
- **Hosting place of the final:** Catholic University of Central Africa, Nkolbisson Campus.
- **Participation:** Sponsored teams by private or public University Institutions in Cameroon can participate to the competition.
- **Sponsorship of teams:** Each University or Institution can sponsor but one team and becomes a goddaughter's team. The Institution accounts for the application form for its goddaughter team, affixing it with a signature, stamp and date.
- **Formation of teams:** Teams are formed freely at the initiative of University Institutions and include four (4) members. They must be mixed, bilingual, and multidisciplinary. Each team appoints its captain.
- **Dissertation:** Each team must submit an original dissertation, documented with sound arguments, written either in English or French.

## MEMBERSHIP

- **Ennoblements:** To participate in the competition, students who have formed their team, and have received sponsorship from their Universities, must register on the site latest on November 19, 2021. Registration is done on the basis of a registration form to be filled on the websites of UCUA: [www.ucac-icy.net](http://www.ucac-icy.net), or OPEN [www.opencameroun.org](http://www.opencameroun.org).

Every candidacy with incomplete, wrong information or sent after due date to the Organising Committee will be rejected.

- **Files registration :**

Documents are sent in two versions:

- **Digital version :** documents under PDF format and the scanned membership form are sent by team captains at the mail address : [casc2021@ucac-icy.net](mailto:casc2021@ucac-icy.net).
- **Hard copies:** hard report (an essay, enclosed a USB key with files in PDF format), membership form endorsed by the sponsoring University Institution of the team, as well as attached documents (*Photocopies of ID Cards and Student cards( or certificates) of academic Years 2020/2021 or 2021/2022*), to be sent or deposit by the team captain under receipt.

- **Deposit deadline :** Files (digital and hard versions) of candidates are awaited by the Organising Committee of CASC 2021 **latest on Friday 3 December 2021 at 2 P.M** at the following address :  
**Catholic University of Central Africa, Catholic Institute of Yaoundé (CUCA/CIY) / Nkolbisson – Yaoundé - P.O.BOX: 11628, Yaoundé, Cameroun, Tel: 222 23 74 00/695 12 43 84.**

These files are sealed in an envelope marked:

**“Central Africa Students Challenge (CASC) 2021 – Candidacy file, Applied and Technological Sciences Paper”**

**Membership fees** Membership to CASC 2021 – 30<sup>th</sup> Anniversary of CUCA is free of charge.

<b>Steps</b>		<b>Deadlines</b>
1	File submission (form and membership fees) and sending of team projects digital version (PDF), hard copy (a dissertation and a USB key containing the dissertation in PDF format)	Friday 3 December 2021 at 2 P.M

### PRELIMINARY PHASE

- **Period:** It takes place from **14 October to 3 December 2021.**
- **Rules :** Goddaughter teams and sponsor Institutions are abide by the strict respect of rules of CASC, under sanctions
- **Writing model:** The essay size is 40 pages maximum, apart from appendices. The dissertation is written in A4 format, Times New Roman font, size 12, 1.5 line spacing. It cannot be revised or modified in any way after it has been received by the Organising Committee.

This dissertation is structured as follow:

- ✓ A title ;
  - ✓ A summary ;
  - ✓ An abstract/résumé ;
  - ✓ An introduction ;
  - ✓ Two parts ;
  - ✓ Two chapters ;
  - ✓ A conclusion ;
  - ✓ Some main recommendations ;
  - ✓ A bibliography ;
  - ✓ And of course appendices
- **Acceptance of dissertations:** The Organising Committee will receive files latest on Friday 3 December 2021 at 2 P.M, (digital version and hard copies).

- **Files checking :** The Organising Committee will handle this checking before a bailiff  
**Friday 3 December 2021 at 4:00 p.m.**
- **Compliance of dissertations:** Dissertations must clearly show the title of the topic, the names, first names, courses and levels of candidates, specifying the captain. Finally, contact details of the sponsoring University must be included. This phase of administrative compliance control of files takes place at the headquarters of the Organising Committee.
- **Transmission of dissertations to the Scientific Council:** Dissertations selected during the administrative compliance checking phase will be transmitted to the Scientific Council on **Saturday 4 December 2021**. The Scientific Council will check the academic compliance of the teams' works from December 4 to 6 2021. At this stage, the evaluation criteria are as follows: structuring of the document in 10 points, respect of the font, line spacing and characters, presentation of the document (aesthetics, type of binding), writing style.
- **Transmission of files to the pre-selection jury:** the files validated during the academic compliance control phase will be sent to the pre-selection jury on Monday, December 6, 2021.
- **Short-listing jury:** It is made up with five members: one (1) president, two (2) rapporteurs and two (2) members.

The short-listing jury receives selected dissertations via the Scientific Council on **Monday 6 December 2021**. This jury will have a session from **6 to 10 December 2021**. It is charged to set the list of the five (5) qualified teams for the final phase. The short-listing jury is charged to set the list of the five (5) qualified teams for the final.

Projects are assessed as follows: Innovative criteria of the project (creativity, efficiency), Scientific quality of the dissertation (methodology, objectives of the research, clarity...), Originality of the process (models, theories, tools...), Valorisation (social fallouts, training, publications, and certifications), and Added value of recommendation of the project.

- **Announcement of results:** Results will be announced on **Friday 10 December 2021**.

## FINAL PHASE

- **Period:** It will take place from **13 to 15 December 2021**.
- **Jury of the final:** The jury of the final is called Grand Jury of CASC. It is made up with 5 members: one (1) President, two (2) rapporteurs and two (2) members.

**Processing:** The five (5) teams short-listed will participate to the final of the Scientific CASC 2021. Each team will present its project to the Grand Jury. Assessment criterions include: Originality of the approach, Formation of the team (skills, multi-disciplinary, bilingualism, genre, team spirit), innovation, efficiency of proposals, performance, respect of the time allotted, style, leadership, interaction with the jury.

The oral presentation consists in a presentation, a defence of the project and / or a demonstration of a prototype (maximum duration 30 minutes), followed by a question session by the members of the Grand Jury (maximum duration 30 minutes). Yielding a total passage time of 1 hour 00 minutes maximum per team. The Jury of the final may grant additional speaking time to the teams.

The Jury accounts with:

- ✓ The timing of each team's speech ;
- ✓ The respect of competition's rules ;
- ✓ The assessment of drafts of teams;
- ✓ The announcement of final results.

- **Competences du Grand Jury:** The Jury of the final may grant additional speaking time to the teams.

It accounts with:

- ✓ The timing of each team's speech ;
- ✓ The respect of competition's rules ;
- ✓ The policy of talks and debates ;
- ✓ The announcement of final results.

- **Qualification of teams :** At the end of the final, the Grand Jury announces states that :

- ✓ The team that has scored the best performance is declared champion and becomes the "Prize-winner of the special edition of CASC 2021" ;
- ✓ The second team is "the Finalist of the special edition of CASC 2021";
- ✓ The third team is "the 3<sup>rd</sup> of the special edition of CASC 2021";
- ✓ The fourth team is "the Fourth of the special edition of CASC 2021";
- ✓ The fifth team is "the Fifth of the special edition of CASC 2021";

- **Awards:** They include trophies, prizes, bonuses, rewards granted by the Organising Committee for the CASC 2021 edition. The aim is to :

- ✓ Award all the participants selected during the short-listing phase and for the final;
- ✓ Award a trophy to the winning team ;
- ✓ Grant prizes to students (Certificates);
- ✓ Deliver certificates to sponsoring University Institutions of teams;
- ✓ Grant bonuses to students of the 1<sup>st</sup>, the 2<sup>nd</sup> and the 3<sup>rd</sup> team.
- ✓ Offer prizes to the 5 teams.

- **Awards presentation:** It will take place at the solemn closing ceremony of CASC 2021 on Wednesday 15 December 2021.

*Good luck to all the teams!*