

Learning Chess Online: Possibilities for Students and Teachers at AGBU Armenian Virtual College



DEPARTMENTS

Chess

The AVC online chess classes are developed in collaboration with the Ministry of Education and Science. The course materials are based on the best chess techniques utilized to make the classes visually appealing and to turn the fun of the game into an independent learning program. The program aims at developing specific character traits in the learner, including concentration, creativity and strategic thinking. The program is divided into three levels – basic, intermediate, and advanced.

Chess Courses

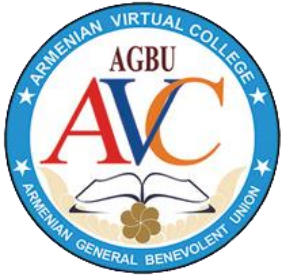
1. First Level

1. Basic Chess Strategy - Part 1 (course is available)
2. Basic Chess Strategy - Part 2 (course is available)

2. Second Level

Chess content providers

SHARE



Agenda



- Chess and Online Learning
- Online Chess in Practice: Structure and Demo
- Chess Teacher Training Online Program: Structure and Content
- Sample Lesson: Technology of Collaborative Learning

Technology and Education

A NEW TYPE OF LEARNER

“Digital natives” for whom technology is the means of acquisition of information.

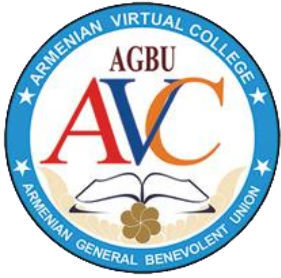
HOW WE LEARN IS AS IMPORTANT AS WHAT WE LEARN

Integration of technology has become crucial in the daily learning process. Education needs to change as fast as technology.

NEW LEARNING CULTURE NEEDS TO LEVERAGE SOCIAL AND TECHNICAL INFRASTRUCTURES IN NEW WAYS

Keeping up with these changes means offering Armenians exciting and innovative new experiences.

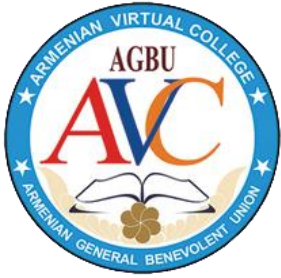




AVC Status



- Leading online higher education institution
- Delivers **virtual classrooms to students with no** access to traditional face-to-face Armenian education
- **Supplements the curriculum of traditional institutions**
- Over 4,500 students from 82 countries

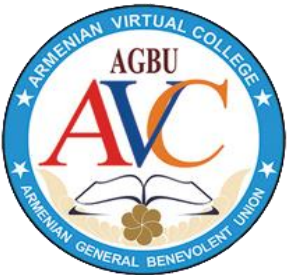


Chess Program



- Chess Program serving Armenia & abroad
- Multi-media interactive courses
- Collaboration with Armenian Chess Federation – total 6 courses
- 1st course launched Oct 2013, in two Languages (EN & EA)



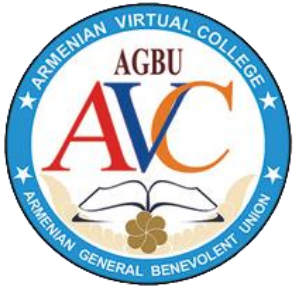


Online Chess Programs at AVC



- Chess for Learners (running)
- Teacher Training Program (in development)





Chess for Learners: Types of Classrooms

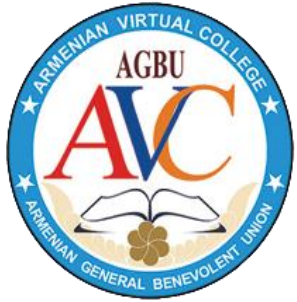


Independent learners' classroom:

- announced publically;
- enrollment through AVC website;
- formation of a virtual classroom of students from all around the world

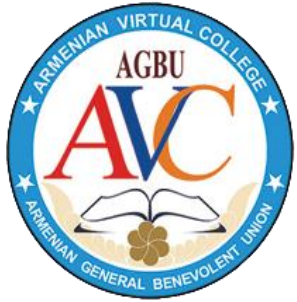
Hybrid (blended) learners' classroom:

- schools/communities sign up for a course
- examples: AYB private elementary school, Armenia; AGBU Cairo, Egypt, MDS School Detroit, MI, USA.



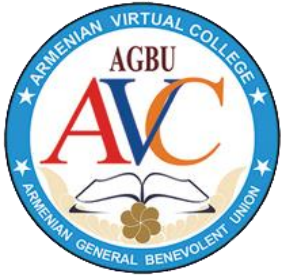
Chess Hybrid Class in Progress



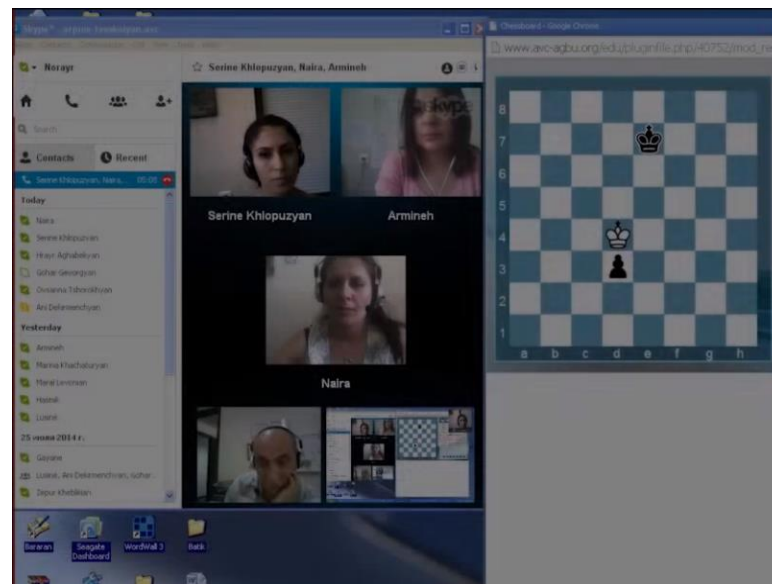


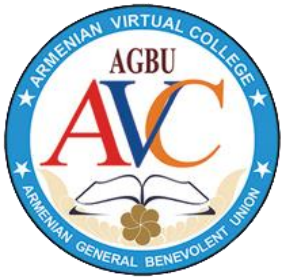
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Chess Hybrid Class in Progress

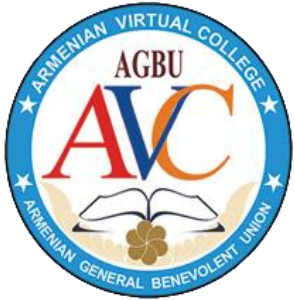




Chess Teacher Training Online Program (CTTP)



- **Why this program:** To train teachers that will be qualified to teach chess, online or face-to-face;
- **Who can participate:** Any one above 18 that has at least high school diploma;
- **Duration:** Two academic terms, 16 weeks;
- **Outcome:** Diploma endorsed by AVC and Armenian Chess Federation which qualifies the graduate as a chess teacher for face-to-face and online teaching.



Program Structure



Term 1

Course 1

**8 weeks
(8 lessons)**

Course 2

**8 weeks (8
lessons)**

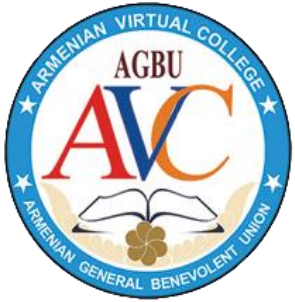
Term 2

Course 1

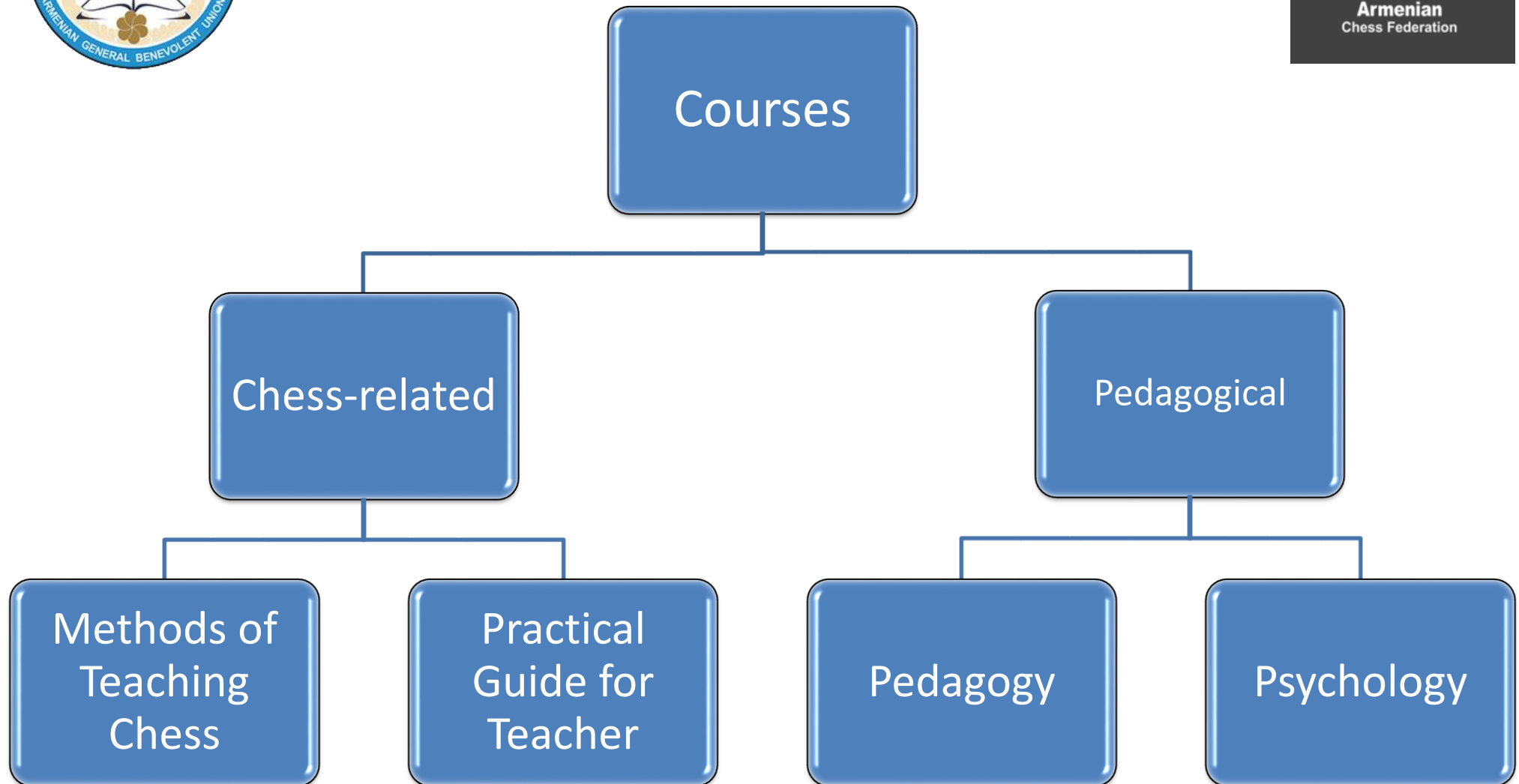
**8 weeks
(8 lessons)**

Course 2

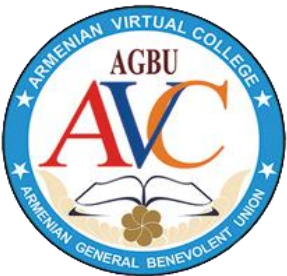
**8 weeks (8
lessons)**



Curriculum



*** Students with no knowledge of basics of chess will be required to take AVC online chess courses prior to starting CTP.**



Chess Related Courses: Methods of Teaching Chess

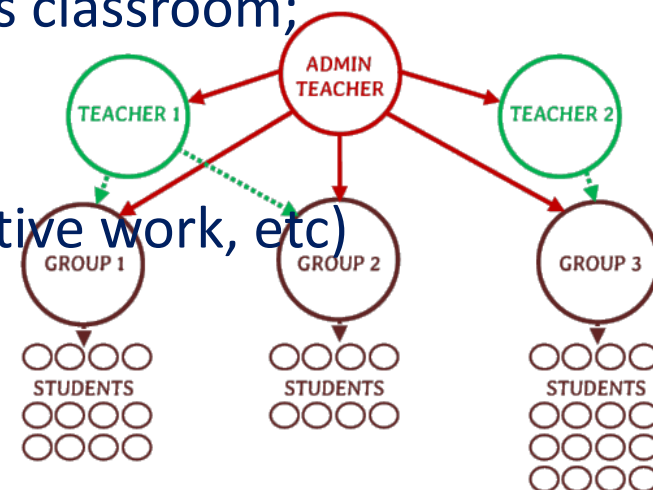


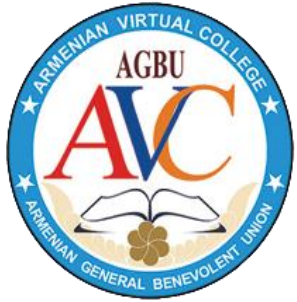
Course Objectives:

- Helps teachers understand and thus, better address pedagogical and psychological issues related to peculiarities of teaching chess;
- Provides guidance to teachers to reinforce knowledge in creative and interactive ways;
- Provides methodological and pedagogical guidance in teaching chess online.

Topics include:

- Peculiarities of training chess teachers;
- Chess curricula in elementary schools;
- Psychological and age-related peculiarities of chess classroom;
- Organizing the class;
- Methods of teaching chess;
- Practical assignments in class (group work, interactive work, etc)
- Thematic writing assignments;
- Developing exams;
- Grading





Chess Related Courses: Practical Guide for Teachers



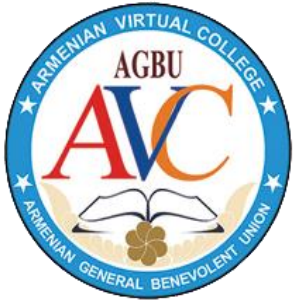
Course Objectives:

- To serve as practical guide to teachers to organize the class productively;
- Assist students to effectively arrive at solutions;
- Develop tasks (written assignments, group works, etc.) around a particular rule and/or theme.

Methods include:

- Deduction;
- Changing the turn of move;
- Selecting move;
- Simplifying position;
- Removing a piece off the board;
- Sacrificing a piece;
- Determining the compulsory move (ch)
- Disintegrating the position;
- Achieving checkmate position.





Pedagogy Related Courses



Course Objectives:

The courses consist of an amalgam of pedagogical , methodological and psychological topics and provide essentials for a teacher in interaction and effective work with students.

Topics include:

- Contemporary methods in education and teaching;
- Contemporary learning technologies;
- Collaborative learning;
- Teaching strategy and lesson planning;
- Management and assessment of teaching process;
- Methods of ensuring and measuring learning outcomes;
- Inclusive education and classification of special learning needs;
- Psychological peculiarities of learners;
- Methods of psychological assessment and testing;
- Psychological mechanisms of interaction, motivation and learning.