

North Carolina Advanced Placement Partnership (NCAPP)

AP Teachers' Summer Refresher Series Catalog of Sessions

Zoom, July 12-15; July 19-22; July 26-29

The North Carolina Advanced Placement Partnership is excited to offer a **FREE session series** to North Carolina's AP teachers! NC AP teachers can attend online sessions specific to their AP course to discuss strategies designed to strengthen AP instruction and improve student learning through AP tool integration and support. NCAPP will pay all registration costs for you.

NCAPP purpose

The mission of the Partnership between College Board and the state of North Carolina is to prepare, inspire, and connect students to postsecondary success and opportunity, with a particular focus on minority students and students who are underrepresented in postsecondary education. The purpose of the Partnership is therefore to assist in improving college readiness of secondary students and to assist secondary schools to ensure that students have access to high-quality, rigorous academics with a focus on access to Advanced Placement courses.

What to expect!

- 90-minute Zoom sessions designed by NC AP teachers who want to collaborate and connect with other NC AP teachers
- **Register for one, two, three or four sessions -- whatever looks interesting to you**
- **Beginning AP teachers can register for Experienced AP teacher sessions and vice versa**
- Registrants will receive an email confirmation with session information after completing the registration form. **Keep this email for your records!**
- Registrants will receive an email prior to the Session(s) with appropriate Zoom links
- Participants will receive a Course and Exam Description binder if desired, although it may not arrive prior to the Session dates
- Participants who complete the survey at the end of each session will receive a certificate of participation by August 30, 2021

Scroll below to the Course Session Catalog

Questions? Email Michelle Lourcey at mlourcey@collegeboard.org.

Course Session Catalog

Click on course for session descriptions	Dates	Notes
AP Art History	July 20, 2021	Experienced Teachers
AP Art History	July 21, 2021	Beginning Teachers
AP Language and Composition	July 28, 2021	Beginning Teachers
AP Language and Composition	July 29, 2021	Experienced Teachers
AP Literature and Composition	July 19 - July 20	Beginning Teachers
AP Literature and Composition	July 26 - July 27	Experienced Teachers
AP European History	July 13, 2021	Experienced Teachers
AP European History	July 14, 2021	Beginning Teachers
AP Human Geography	July 20, 2021	Experienced Teachers
AP Human Geography	July 21, 2021	Beginning Teachers
AP United States Government and Politics	July 19, 2021	Beginning Teachers
AP United States Government and Politics	July 21, 2021	Beginning Teachers
AP United States Government and Politics	July 20, 2021	Experienced Teachers
AP United States History	July 21 - July 22	Beginning Teachers
AP United States History	July 29, 2021	Experienced Teachers
AP World History	July 20, 2021	Experienced Teachers
AP World History	July 22, 2021	Beginning Teachers
AP Calculus AB	July 12, 2021	Beginning Teachers
AP Calculus AB	July 13, 2021	Experienced Teachers
AP Calculus BC	July 19, 2021	Beginning Teachers
AP Calculus BC	July 20, 2021	Experienced Teachers
AP Computer Science Principles	July 26, 2021	Experienced Teachers
AP Computer Science Principles	July 27, 2021	Beginning Teachers
AP Statistics	July 26, 2021	Beginning Teachers
AP Statistics	July 27, 2021	Experienced Teachers

Click on course for session descriptions	Dates	Notes
AP Biology	July 14, 2021	Experienced Teachers
AP Biology	July 28, 2021	Beginning Teachers
AP Chemistry	July 12, 2021	Beginning Teachers
AP Chemistry	July 13, 2021	Experienced Teachers
AP Chemistry	July 28, 2021	Beginning Teachers
AP Environmental Science	July 13, 2021	Beginning OR Experienced Teachers
AP Physics 1	July 14, 2021	Beginning Teachers
AP Physics 1	July 15, 2021	Experienced Teachers

AP Art History for Experienced AP Teachers with Nicki Griffin from Pitt County Schools			
When: July 20, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: Collaboration and Creativity	This session will focus on instructional strategies that support collaboration and creativity for AP Art History students.	Register here for one or more of the AP Art History sessions on July 20, 2021: AP Art History Registration Link
10:45am-12:15pm	Session 2: Writing Instruction in AP Art History	This session will focus on instructional strategies and development of rubrics to support student success in writing about art as required in the AP Art History course.	
1:00pm-2:30pm	Session 3: Strategies for Teaching Art in History	This session will focus on ways in which AP Art History teachers can use history to support understanding of themes in Art History.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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Arts

AP Art History for Beginning AP Teachers with Nicki Griffin from Pitt County Schools			
When: July 21, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: How to do the 250 in One Semester	This session will focus on pacing the course to ensure teaching of the 250 including strategies for planning with the Course and Exam Description (CED), instructional strategies to promote transfer of understanding across periods and cultures, and ideas for planning a calendar.	Register here for one or more of the AP Art History sessions on July 21, 2021: AP Art History Registration Link
10:45am-12:15pm	Session 2: Collaboration in AP Art History	This session will focus on instructional strategies to support student engagement through collaboration with peers.	
1:00pm-2:30pm	Session 3: Teaching Writing in Art History	This session will focus on strategies to develop and support writing instruction through scaffolded skill development.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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English

AP English Language and Composition for **Experienced** AP Teachers with Paul Piatkowski from Davidson County Schools

When: July 29, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)

9am-10:30am	Session 1: The Synthesis Deep Dive	This session will focus on adding dimension to students' analysis of sources on the synthesis essay. Participants will look at best practices and activities that further develop the depth of student awareness of source origins, reliability, and most efficient use in practice.	Register here for one or more of the AP English Language and Composition sessions on July 29, 2021: AP English Language and Composition Registration Link
10:45am-12:15pm	Session 2: The Rhetorical Landscape	This session will focus on best practices and activities for students to first separate and then merge components of the rhetorical situation in student analysis and writing. Participants will investigate the importance of students' utilizing their awareness of the rhetorical situation as it applies to the new FRQ rubrics as well as in the reading and synthesizing of arguments.	
1:00pm-2:30pm	Session 3: Mirroring Skills in the AP English Language Curriculum	This session will focus on the ways in which separate skill components in the AP English Language and Composition curriculum can work holistically by transforming rhetorical analysis into multiple choice, argument essays into synthesis essays, writing process editing into multiple choice, and more.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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English

AP English Language and Composition for Beginning AP Teachers with Paul Piatkowski from Davidson County Schools			
When: July 28, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: The AP English Language Classroom Blueprint	This session will focus on the course overview with best practice strategies. Both the Course Exam Description (CED) and online AP Classroom will be introduced as a way to pace and structure instructional planning.	Register here for one or more of the AP English Language and Composition sessions on July 28, 2021: AP English Language and Composition Registration Link
10:45am-12:15pm	Session 2: Climbing the AP Writing Scaffold	This session will focus on scaffolding writing skills by discussing the importance of the scaffolding process, examining activities for scaffolding with each of the core writing tasks, and examining the outcomes of the scaffolding process.	
1:00pm-2:30pm	Session 3: The AP English Language Endgame	This session will focus on reading and understanding the rubrics for the AP exam as well as scoring AP essays of all types, working with multiple choice question stems as well as integrating multiple choice skills into reading and writing activities, and seeing the types of resources available for classroom instruction and help.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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English

AP English Literature and Composition for Beginning AP Teachers with Jonathan Ball from Guilford County Schools			
When: July 19-20, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
July 19 @ 2pm-3:30pm	Session 1: The CED, Big Ideas, and Enduring Understandings	This session will dig into the Course and Exam Description (CED) and assist teachers unfamiliar with the tome in navigating the wealth of information and resources contained in its hallowed pages.	Register here for one or more of the AP English Literature and Composition sessions on July 19-20, 2021: AP English Literature and Composition Registration Link
July 19 @ 3:45pm-5:15pm	Session 2: Navigating the AP Classroom	This session will explore the bevy of content-specific resources available to AP teachers in the AP Classroom online suite to assess student skill development and inform instruction.	
July 20 @ 2:00pm-3:30pm	Session 3: Spiraling Scope and Sequence for Student Success	This session will zoom out and examine a year in the life of an AP Lit class while offering suggestions as to how to pace out the content and provide engaging learning opportunities that won't drive AP English Lit teachers (or their students) crazy.	
July 20 @ 3:45pm-5:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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English

AP English Literature and Composition for Experienced AP Teachers with Jonathan Ball from Guilford County Schools

When: July 26-27, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)

July 26 @ 2pm-3:30pm	Session 1: Progress Checks and Data Analysis	This session explores some of the powerful data collection tools in the AP Classroom in order to target classroom instruction and student skill development.	Register here for one or more of the AP English Literature and Composition sessions on July 26-27, 2021: AP English Literature and Composition Registration Link
July 26 @ 3:45pm-5:15pm	Session 2: Coloring and Querying the Canon	This session invites participants to revisit their "go-to" works of fiction and offers suggestions about opportunities to update and diversify the texts that AP Literature teachers offer their students.	
July 27 @ 2:00pm-3:30pm	Session 3: Feedback is FUNDamental: Writing Instruction and FRQs	This session focuses on effective approaches to writing instruction and explores strategies to offer feedback in a way that is meaningful to students and less time intensive for AP Literature teachers.	
July 27 @ 3:45pm-5:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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History and Social Sciences

AP European History for Experienced AP Teachers with Nicki Griffin from Pitt County Schools			
When: July 13, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: A Recipe for Writing Success	This session will focus on the way a "recipe" can support student writing skill development to meet the requirements of the AP History rubrics and for success at the college level.	Register here for one or more of the AP European History sessions on July 13, 2021: AP European History Registration Link
10:45am-12:15pm	Session 2: Teaching about Europe and the World	This session will focus on lessons and strategies in teaching one of the "Themes of History" -- understanding the nature of the relationship between Europe and the World.	
1:00pm-2:30pm	Session 3: Effective Planning for Student Engagement	This session will look closely at the Course and Exam Description (CED) to make decisions regarding instructional planning for student engagement and student skill development.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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History and Social Sciences

AP European History for Beginning AP Teachers with Nicki Griffin from Pitt County Schools			
When: July 14, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: Pacing the AP European History Class	This session will discuss strategies to pace the AP European History course, focusing on the Course and Exam Description (CED) to make effective instructional decisions despite the length of course.	Register here for one or more of the AP European History sessions on July 14, 2021: AP European History Registration Link
10:45am-12:15pm	Session 2: Strategies for Teaching Writing	This session will focus on using a "recipe" to teach effective writing skills and address each of the required skills on the AP History rubrics.	
1:00pm-2:30pm	Session 3: Engaging Students in AP European History	This session will discuss strategies for engaging students in interactive participation in AP European History to develop student critical thinking skills.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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History and Social Sciences

AP Human Geography for Experienced AP Teachers with Chris Lucas from Cumberland County Schools			
When: July 20, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: Content and Skill through Creativity	This session will explore strategies that help students retain the most important concepts and develop skills through engaging review games and activities, including AP Classroom.	Register here for one or more of the AP Human Geography sessions on July 20, 2021: AP Human Geography Registration Link
10:45am-12:15pm	Session 2: Mastering the FRQ	This session will discuss the AP FRQ rubrics along with practical and proven strategies that approach the FRQ in a more step-by-step process to build student skill.	
1:00pm-2:30pm	Session 3: Sharpening the Skills	This session will discuss scaffolded strategies that allow students to develop skills for scholarly thinking and writing.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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History and Social Sciences

AP Human Geography for Beginning AP Teachers with Chris Lucas from Cumberland County Schools			
When: July 21, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: Content and Skill through Creativity	This session will explore strategies that help students retain the most important concepts and develop skills through engaging review games and activities, including the AP Classroom.	Register here for one or more of the AP Human Geography sessions on July 21, 2021: AP Human Geography Registration Link
10:45am-12:15pm	Session 2: Mastering the FRQ	This session will discuss the training techniques for AP Readers that include AP FRQ rubrics along with practical and proven strategies that approach the FRQ in a more step-by-step process to build student skill.	
1:00pm-2:30pm	Session 3: Building the Perfect AP Lesson	This session will explore techniques for designing lessons that will develop student skills while staying on pace with the Course and Exam Description (CED).	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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History and Social Sciences

AP United States Government and Politics for Experienced AP Teachers with Heather Vinson from Wake County Schools			
When: July 20, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: Enabling a Skills Mindset for AP US Government and Politics Teaching	This session will consider approaches for teaching the course to sophomores in place of taking NC Civic Literacy as a NC High School graduation requirement.	Register here for one or more of the AP sessions on July 20, 2021: AP United States Government and Politics Registration Link
10:45am-12:15pm	Session 2: Evaluating Best Practice FRQ Strategies	This session will evaluate FRQ writing strategies post 2018 course redesign. Participants will be encouraged to share best practices as well as work through common pitfalls in student essay development.	
1:00pm-2:30pm	Session 3: Building Content Extension Opportunities	This session will explore strategies that engage students in content examination outside the classroom by incorporating the use of choice boards, hyperdocs, supplemental readings, podcasts, and online resources.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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History and Social Sciences

AP United States Government and Politics for Beginning AP Teachers with Heather Vinson from Wake County Schools			
When: July 19, 2021 OR July 21, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: Calibrating Your AP US Government and Politics Course	This session will focus on course organization, pacing, and inclusion of the required foundational documents and Supreme Court cases. Use of the Course and Exam Description (CED) and AP Classroom will be incorporated into building your class.	Register here for one or more of the AP sessions on July 19 OR July 21, 2021: AP United States Government and Politics Registration Link
10:45am-12:15pm	Session 2: Ramping up for Writing Success	This session will focus on the four types of FRQ writing with strategies for teaching during specific content units. Attention to the College Board AP rubrics will be addressed.	
1:00pm-2:30pm	Session 3: Enabling a Skills Mindset for AP US Government and Politics Teaching	This session will consider approaches for teaching the course to sophomores in place of taking NC Civic Literacy as a NC High School graduation requirement.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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History and Social Sciences

AP United States History for Beginning AP Teachers with Renny Taylor from Nash County Public Schools			
When: July 21-22, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
July 21 @ 4:00pm-5:30pm	Session 1: Analyzing Political Cartoons and Other Images	This session will explore the use of the Question Formulating Technique and the HIPP method to analyze images which will specifically help students prepare for Document Based Questions and Short Answer Questions.	Register here for one or more of the AP United States History sessions on July 21-22, 2021: AP United States History Registration Link
July 21 @ 5:45pm-7:15pm	Session 2: Scaffolding Document Based Questions (DBQ)	This session will provide guidance on when to start instruction on DBQ writing and how to expand this instruction as students develop their writing skills.	
July 22 @ 4:00pm-5:30pm	Session 3: Using the AP United States History Course and Exam Description (CED) and AP Classroom	This session will focus on how the addition of the Course and Exam Description (CED) and AP Classroom can be used to modify and strengthen previous instructional plans and materials.	
July 22 @ 5:45pm-7:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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History and Social Sciences

AP United States History for Experienced AP Teachers with Renny Taylor from Nash County Public Schools			
When: July 29, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: Using Online Tools to Teach Outside of Class Time	This session will explore strategies that engage students in content examination outside of the classroom by using AP Classroom and other online tools.	Register here for one or more of the AP United States History sessions on July 29, 2021: AP United States History Registration Link
10:45am-12:15pm	Session 2: Scaffolding Document Based Questions (DBQ)	This session will provide guidance on when to start instruction on DBQ writing and how to expand this instruction as students develop their writing skills.	
1:00pm-2:30pm	Session 3: Using Hyperdocs to Teach a Theme or Subject	This session will focus on the Hyperdocs strategy that allows students to delve deeper into content examination and to make connections between content learned in class and content learned on their own.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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History and Social Sciences

AP World History for Experienced AP Teachers with Rachal Staring from Durham County Public Schools			
When: July 20, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: Calibrating Your Course	This session will focus on how the addition of the Course and Exam Description (CED) and AP Classroom can be used to modify and strengthen previous instructional plans and materials.	Register here for one or more of the AP World History sessions on July 20, 2021: AP World History Registration Link
10:45am-12:15pm	Session 2: Teaching Successful Writing Skills	This session will explore the different ways to teach writing skills effectively.	
1:00pm-2:30pm	Session 3: Teaching Critical Reading Skills	The session will evaluate resources to teach critical reading skills, and how these skills can be modelled during class time.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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History and Social Sciences

AP World History for Beginning AP Teachers with Rachal Staring from Durham County Public Schools			
When: July 22, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: Creating Your Course	This session will focus on how to use effectively the Course and Exam Description (CED), the AP Classroom, and score reports to create the pacing and structure of your instructional planning.	Register here for one or more of the AP World History sessions on July 22, 2021: AP World History Registration Link
10:45am-12:15pm	Session 2: Incorporating Writing Skills	This session will explore different ways to differentiate instruction, balance teaching skills and content, and how to give effective feedback for writing assignments.	
1:00pm-2:30pm	Session 3: Teaching Critical Reading Skills	This session will explore different resources for primary and secondary sources, and discuss how to teach students to analyze sources critically.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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Math and Computer Science

AP Calculus AB for Beginning AP Teachers with Ryan Byrd from Alamance-Burlington School System			
When: July 12, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: Top 10 Things to Know Before Teaching Day 1 of AP Calculus AB	This session will focus on discussing the 10 "must knows" for beginning AP teachers before delving into the AP Calculus AB course.	Register here for one or more of the AP Calculus AB sessions on July 12, 2021: AP Calculus AB Registration Link
10:45am-12:15pm	Session 2: Getting the Most Out of AP Classroom	This session will focus on how teachers can use AP Classroom to monitor student progress and assign reteaching assessments. The discussion will also include how to use AP Daily Videos, Topic Questions, Personal Progress Checks, and more.	
1:00pm-2:30pm	Session 3: Introduction to Circuit Training - Creating Productive Struggle in the Classroom	This session will focus on the use of AP Calculus circuits - created by Virge Cornelius by delving into one of her free circuits, breaking down AP standards found within, and assessing how the circuit progresses uses rigor to create productive struggle and learning in the classroom.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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Math and Computer Science

AP Calculus AB for Experienced AP Teachers with Ryan Byrd from Alamance-Burlington School System			
When: July 13, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: "Theorizing Theories" - Tips and Strategies for Teaching Major Theorems in AP Calculus	This session will focus on a challenging topic for students - AP Calculus theorems - by discussing best practices and strategies for teaching the Intermediate Value Theorem, the Mean Value Theorem, the two Fundamental Theorems of Calculus, and more.	Register here for one or more of the AP Calculus AB sessions on July 13, 2021: AP Calculus AB Registration Link
10:45am-12:15pm	Session 2: Getting the Most Out of AP Classroom	This session will focus on how teachers can use AP Classroom to monitor student progress and assign reteaching assessments. The discussion will also include how to use AP Daily Videos, Topic Questions, Personal Progress Checks, and more.	
1:00pm-2:30pm	Session 3: Introduction to Circuit Training - Creating Productive Struggle in the Classroom	This session will focus on the use of AP Calculus circuits - created by Virge Cornelius by delving into one of her free circuits, breaking down AP standards found within, and assessing how the circuit progresses uses rigor to create productive struggle and learning in the classroom.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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Math and Computer Science

AP Calculus BC for Beginning AP Teachers with Ryan Byrd from Alamance-Burlington School System			
When: July 19, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: Top 10 things to know before teaching Day 1 of AP Calculus BC	This session will focus on discussing the 10 "must knows" for beginning AP teachers before delving into the AP Calculus BC course.	Register here for one or more of the AP Calculus BC sessions on July 19, 2021: AP Calculus BC Registration Link
10:45am-12:15pm	Session 2: Getting the Most Out of AP Classroom	This session will focus on how teachers can use AP Classroom to monitor student progress and assign reteaching assessments. The discussion will also include how to use AP Daily Videos, Topic Questions, Personal Progress Checks, and more.	
1:00pm-2:30pm	Session 3: Introduction to Circuit Training - Creating Productive Struggle in the Classroom	This session will focus on the use of AP Calculus circuits - created by Virge Cornelius by delving into one of her free circuits, breaking down AP standards found within, and assessing how the circuit progresses uses rigor to create productive struggle and learning in the classroom.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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Math and Computer Science

AP Calculus BC for Experienced AP Teachers with Ryan Byrd from Alamance-Burlington School System			
When: July 20, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: "Perfecting Polar" - Strategies to Tackle Tough Polar Curve Problems	This session will focus on the tricky topic of Polar Curves in AP Calculus BC by discussing tips to ensure students receive all necessary skills to tackle Polar problems along with strategies to help students find success on AP Polar questions.	Register here for one or more of the AP Calculus BC sessions on July 20, 2021: AP Calculus BC Registration Link
10:45am-12:15pm	Session 2: Getting the Most Out of AP Classroom	This session will focus on how teachers can use AP Classroom to monitor student progress and assign reteaching assessments. The discussion will also include how to use AP Daily Videos, Topic Questions, Personal Progress Checks, and more.	
1:00pm-2:30pm	Session 3: Introduction to Circuit Training - Creating Productive Struggle in the Classroom	This session will focus on the use of AP Calculus circuits - created by Virge Cornelius by delving into one of her free circuits, breaking down AP standards found within, and assessing how the circuit progresses uses rigor to create productive struggle and learning in the classroom.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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Math and Computer Science

AP Computer Science Principles for Experienced AP Teachers with James Sweet from Union County Schools			
When: July 26, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: Re-visioning the Create Task	This session will focus on the Create Task with suggestions for engaging student learners.	Register here for one or more of the AP Computer Science Principles sessions on July 26, 2021: AP Computer Science Principles Registration Link
10:45am-12:15pm	Session 2: Unplugged Activities	This session will focus on unplugged (no technology) activities that can be used to help students understand various topics in AP Computer Science Principles.	
1:00pm-2:30pm	Session 3: Resources and Strategies to Engage Learners	This session will explore resources and strategies that engage students in learning. Participants are asked to bring one to share as well.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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Math and Computer Science

AP Computer Science Principles for Beginning AP Teachers with James Sweet from Union County Schools			
When: July 27, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: Breaking Down the Create Task	This session will focus on the basics of the Create Task portion of the students' AP Exam.	Register here for one or more of the AP Computer Science Principles sessions on July 27, 2021: AP Computer Science Principles Registration Link
10:45am-12:15pm	Session 2: Programming Language and IDE	This session will focus on selecting a programming language and the integrated development environment (IDE) to meet the programming requirements of the course.	
1:00pm-2:30pm	Session 3: Resources and Strategies to Engage Learners	This session will explore resources and strategies that engage students in learning.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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Math and Computer Science

AP Statistics for Beginning AP Teachers with Ryan Byrd from Alamance-Burlington School System			
When: July 26, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: Top 10 things to know before teaching Day 1 of AP Statistics	This session will focus on discussing the 10 "must knows" for beginning AP teachers before delving into the AP Statistics course.	Register here for one or more of the AP Statistics sessions on July 26, 2021: AP Statistics Registration Link
10:45am-12:15pm	Session 2: Getting the Most Out of AP Classroom	This session will focus on how teachers can use AP Classroom to monitor student progress and assign reteaching assessments. The discussion will also include how to use AP Daily Videos, Topic Questions, Personal Progress Checks, and more.	
1:00pm-2:30pm	Session 3: Calibrating AP Statistics	This session will focus on the Course and Exam Description with content pacing, content depth, and engaging activities to help students own the AP Statistics curriculum and build skill.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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Math and Computer Science

AP Statistics for Experienced AP Teachers with Ryan Byrd from Alamance-Burlington School System			
When: July 27, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: Strategies for Incorporating the Investigative Task Early and Often	This session will focus on when and how to begin discussing the infamous Investigative Task problem and strategies to help students find success on this AP Statistics exam component.	Register here for one or more of the AP Statistics sessions on July 27, 2021: AP Statistics Registration Link
10:45am-12:15pm	Session 2: Getting the Most Out of AP Classroom	This session will focus on how teachers can use AP Classroom to monitor student progress and assign reteaching assessments. The discussion will also include how to use AP Daily Videos, Topic Questions, Personal Progress Checks, and more.	
1:00pm-2:30pm	Session 3: "Which inference procedure do I use?" - Strategies to Help Students Choose the Correct Inference Procedure	This session will focus on strategies to help students feel comfortable selecting the correct inference procedure. On the AP exam, students need to be able to select and perform the correct procedure out of the 15 learned in the AP course. When do we begin practicing this skill? How often? What resources are available?	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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AP Biology for Experienced AP Teachers with Katie Morse from Union County Schools			
When: July 14, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1 Experienced: The AP Biology Course and Exam Description (CED) and AP Classroom	This session will focus on how the addition of the CED and AP Classroom can be used to modify and strengthen previous instructional plans and materials.	Register here for one or more of the AP Biology sessions on July 14, 2021: AP Biology Registration Link
10:45am-12:15pm	Session 2 Experienced: All Things AP Biology Labs!	This session is an opportunity for experienced teachers to discuss lab practices that worked, ones that didn't, and how lab experience has translated to student success on FRQs.	
1:00pm-2:30pm	Session 3 Experienced OR Beginning: Applications of the Scientific Practices	This session will focus on ways to reinforce the scientific practices with students using case studies, labs, and activities.	
2:45pm-4:15pm	Session 4 Experienced: AP Biology Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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AP Biology for Beginning AP Teachers with Katie Morse from Union County Schools			
When: July 28, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1 Beginning: Pacing and the AP Biology Course and Exam Description (CED)	This session is focused on helping beginning AP Biology teachers develop a pacing plan using the CED for their specific schedule.	Register here for one or more of the AP Biology sessions on July 28, 2021: AP Biology Registration Link
10:45am-12:15pm	Session 2 Beginning: Applications of AP Biology AP Classroom	This session is focused on how to use the basics of AP Classroom to guide your instruction.	
1:00pm-2:30pm	Session 3 Beginning: All Things AP Biology Labs!	This session will focus on all things labs! Teachers new to AP Biology can learn how to incorporate the scientific practices into lab instruction as well as discuss different lab options based on school funding.	
2:45pm-4:15pm	Session 4: AP Biology Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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Sciences

AP Chemistry for Beginning AP Teachers with Julianne Hall from Durham County Schools			
When: July 12, 2021 OR July 28, 2021 in Zoom (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: Breaking Down the AP Chemistry Course and Exam Description (CED)	This session will explore the AP Chemistry CED with a focus on units to be prioritized, possible ways to rearrange the CED into different units to fit students' needs, and pacing instruction to reserve time for review before the AP Exam.	Register here for one or more of the AP Chemistry sessions on July 12, 2021 OR July 28: AP Chemistry Registration Link
10:45am-12:15pm	Session 2: Navigating AP Classroom	This session is focused on how to use the basics of AP Classroom to guide your instruction.	
1:00pm-2:30pm	Session 3: Making Time for Labs	This session will focus on one possible lab for each of the nine units in the CED and types of data analysis that should be prioritized.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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AP Chemistry for Experienced AP Teachers with David Vernon from Alamance-Burlington School System			
When: July 13, 2021 (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: Simple Demonstrations and Models Reinforce Student Recall	This session focuses on the important instructional strategy of simple visual or experiential examples which enhance student recall and connections months later.	Register here for one or more of the AP Chemistry sessions on July 13, 2021: AP Chemistry Registration Link
10:45am-12:15pm	Session 2: Labs -- Essential Concept Building Tools	This session focuses on how key labs work in conjunction with the student skill building outlined in the Course and Exam Description (CED).	
1:00pm-2:30pm	Session 3: Organization, Assessments, and Data -- Student Improvement Tools	This session examines how organizations, assessments, and data can be used to benefit student learning and achievement, both before and after the AP Exam.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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AP Environmental Science for Beginning or Experienced AP Teachers with Catherine McCloskey from Union County Schools			
When: July 13, 2021 (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: Where do I start? An Introduction to AP Environmental Science	This session will introduce teachers to the Course Exam and Description (CED), unpacking the CED resources and discussing how to organize and pace for year-long or a semester course.	Register here for one or more of the AP Environmental Science sessions on July 13, 2021: AP Environmental Science Registration Link
10:45am-12:15pm	Session 2: Digital Resources for Beginning APES Teachers	This session will focus on an orientation to AP Classroom, the resources available for teachers, and some basics on how to incorporate AP Classroom resources into their course. We will also explore additional online resources and supports, and participants are encouraged to bring their favorite resource.	
1:00pm-2:30pm	Session 3: The AP Exam -- Ensuring Student Success Without Teaching to the Test	This session will focus on helping students succeed on the AP exam without drilling through review books and practice exams. Strategies will be discussed on embedding AP skills throughout the course with an emphasis on helping students become scholarly writers and strategies for successful free response writing.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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AP Physics 1 for Beginning AP Teachers with David Vernon from Alamance-Burlington School System			
When: July 14, 2021 (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: Organization -- The Most Important First Step	This session examines the Course and Exam Description (CED) and how to use it in organizing a new course with regard to concepts, labs, tests, projects, and history.	Register here for one or more of the AP Physics 1 sessions on July 14, 2021: AP Physics 1 Registration Link
10:45am-12:15pm	Session 2: Labs -- Essential Concept Building Tools	This session focuses on how key labs work in conjunction with the student skill building outlined in the Course and Exam Description (CED).	
1:00pm-2:30pm	Session 3: Using Assessments to Improve Student Learning	This session examines different resources for assessing student learning and analyzing student data, including the AP Classroom.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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AP Physics 1 for Experienced AP Teachers with David Vernon from Alamance-Burlington School System			
When: July 15, 2021 (Zoom links to be sent prior to Session(s) days)			
9am-10:30am	Session 1: Teaching AP Physics 1 Through Labs or Demonstrations	This session examines instructional approaches that focus teaching based in labs and demos with minimal "lecture time."	Register here for one or more of the AP Physics 1 sessions on July 15, 2021: AP Physics 1 Registration Link
10:45am-12:15pm	Session 2: Using Labs With and Without Technology	This session focuses on how key labs, with and without technology, work in conjunction with the student skill building outlined in the Course and Exam Description (CED).	
1:00pm-2:30pm	Session 3: Using Assessments to Improve Student Learning	This session examines different resources for assessing student learning and analyzing student data, including the AP Classroom.	
2:45pm-4:15pm	Session 4: Office Hours	Office Hours allow AP teachers and the NCAPP AP Consultant to discuss topics important to the AP teachers who attend the session.	

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