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| DATE | **TOPIC** | **READING** | **ASSIGNMENT DUE** |
| ***CULTURAL/HISTORICAL*** |  | **READING IS DUE BEFORE CLASS** |  |
| Week 1:Jan. 12 | **T:** Review syllabus, Why Learn about Fire, Why Global Fire?  **R:** Fire and Earth | **T:** Flames: Ch. 1  **R:** Fire: pp3-7 and 11-24mid | **T:** Student information sheets; pre-test on global fire issues (in-class); sign up for culture/fire presentations  **R:** Class Discussion |
| **Week 2: Jan. 19** | **T/R:** Indigenous Cultures around the World and Fire | **T:** Fire: Ch. Australia pp 29-44 and pp303 mid-310 top  **R:** Fire: India pp 149-170 | **T:** Student Presentations; Video; Sign-Up for Research Paper/Oral Presentation Topic  **R:** Student Presentations; Class Discussion |
| **Week 3: Jan. 26** | **T:** History of American Perception on Fire-~1880-present  **R:** Fire Wars Video: Part 2 | **T:** Flames: Ch. 2 & 3; Fire pp 183-218 (skim only)  **R:** Fire: Sweden 76-94; Greece 95-109 | **T:** Fire Wars Video: Part 1  **R:** Class Discussion |
| **Week 4: Feb. 2** | **T/R:** Fire Science | **T:** Flames Ch. 4  **R:** Fire: South Africa pp 45-59 | **T:** In-Class Fire Activity; Paragraph on Research Paper/Oral Presentation Topic Due  **R:** Class Discussion |
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| ***ECOLOGICAL*** |  |  |  |
| **Week 5: Feb. 9** | **T: 1st EXAM**  **R:** Adaptations of Plants to Fire | **R:** Flames Ch. 5 | **T: 1st EXAM** |
| **Week 6: Feb. 16** | **T:** Adaptations of Animals to Fire  **R:** Different Forests, Different Fires | **T:** Flames Ch. 6  **R:** No Reading Assignment | **R:** Start working on Different Forests & Fire Worksheet |
| **Week 7: Feb. 23** | **T:** Different Forests, Different Fires  **R:** Different Forests, Different Fires | **T:** Flames Ch. 7  **R:** | **T:** Different Forests& Fire Worksheet  **R:**  Different Forests& Fire Worksheet due |
| **Week 8: March 2** | **T:** Fire history/reconstruction Guest Speaker: Ros Wu- Fire Ecologist SJNF  **R: 2nd EXAM** | **T:** Flames Ch. 8 | **T:**  **R: 2nd EXAM** |
| **Week 9: Mar. 9** | **SPRING BREAK** |  | **NO CLASS** |

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| ***POLICY/MANAGEMENT*** |  |  |  |
| **Week 10: Mar. 16** | **T:**  Healthy Forest Restoration Initiative-is it healthy?  **R:** Urban Wildland Interface & Wildland Fire Management; Guest Speaker: Allen Farnsworth- Fire Management Officer National Park Service | **T:** various articles on my website  **R:** Flames Ch. 11 | **T:** Class Debate |
| **Week 11: Mar. 23** | **T:** Peer-Review of Introduction and Lit. Cited for Research Paper    **R:** Global Climate Change and Fire Burning Season Video—fire and climate change in Indonesia | **T:**  Australia fire article  **R:** global fire/warming article | **T:** Introduction and Lit. Cited DUE**/**Class Discussion  **R:**  Video Worksheet & Class Discussion |
| **Week 12: Mar. 30** | T: Global Climate Change and Fire **R:** Boreal forests/carbon cycling/climate change | **T:** Fire, Ecosystems, and People  **R:**  Climate change/boreal forest article | **T:**  Class Discussion  **R:** Class Discussion |
| **Week 13: Apr. 6** | **T:** Amazon burning/biodiversity/climate change  **R:** Global Fire Issues Debate—What is our responsibility? | **T:** Amazon article  **R:** various articles on my website | **T:** Class Discussion  **R:** Class Debate; Post-test Global Fire Issues |
| ***CLASS PRESENTATIONS*** |  |  |  |
| **Week 14: Apr. 13** | **T/R:** Global Fire Issues Presentations | No reading assignment | Student 12 minute presentations; Research papers due April 21 |
| **Week 15: Apr. 20** | **T/R:** Global Fire Issues Presentations | No reading assignment | Student 12 minute presentations; Research papers due April 23 |
| **Week 16:** |  |  | **FINAL EXAM** |