Course information:  
Copy and paste current course information from Class Search/Course Catalog.

| Subject | ASB | Number | 490 | Title | The Earliest Cities | Units: | 3 |

Is this a cross-listed course?  
If yes, please identify course(s)  
(Choose one)

Is this a shared course? (choose one) If so, list all academic units offering this course

Course description:

Requested designation: (Choose One)  
Note- a separate proposal is required for each designation requested

Eligibility:
Permanent numbered courses must have completed the university's review and approval process.  
For the rules governing approval of omnibus courses, contact Phyllis.Lucie@asu.edu or Lauren.Leo@asu.edu.

Submission deadlines dates are as follow:  
For Fall 2015 Effective Date: October 9, 2014  
For Spring 2016 Effective Date: March 19, 2015

Area(s) proposed course will serve:  
A single course may be proposed for more than one core or awareness area. A course may satisfy a core area requirement and more than one awareness area requirements concurrently, but may not satisfy requirements in two core areas simultaneously, even if approved for those areas. With departmental consent, an approved General Studies course may be counted toward both the General Studies requirement and the major program of study.

Checklists for general studies designations:
Complete and attach the appropriate checklist
- Literacy and Critical Inquiry core courses (L)
- Mathematics core courses (MA)
- Computer/statistics/quantitative applications core courses (CS)
- Humanities, Arts and Design core courses (HU)
- Social-Behavioral Sciences core courses (SB)
- Natural Sciences core courses (SO/SG)
- Cultural Diversity in the United States courses (C)
- Global Awareness courses (G)
- Historical Awareness courses (H)

A complete proposal should include:
- Signed General Studies Program Course Proposal Cover Form
- Criteria Checklist for the area
- Course Catalog description
- Course Syllabus
- Copy of Table of Contents from the textbook and list of required readings/books

Respectfully request that proposals are submitted electronically with all files compiled into one PDF. If necessary, a hard copy of the proposal will be accepted.

Contact information:
Name: Michael E. Smith  
Phone: 727-9520
Mail code: 2402  
E-mail: mesmith9@asu.edu

Department Chair/Director approval: (Required)
Chair/Director name (Typed): Alexandra Brewis-Slade  
Date:  
Chair/Director (Signature):  

Rev. 1/94, 4/95, 7/98, 4/00, 1/02, 10/08, 11/11/ 12/11, 7/12, 5/14
Proposer: Please complete the following section and attach appropriate documentation.

### ASU--[SB] CRITERIA

A SOCIAL-BEHAVIORAL SCIENCES [SB] course should meet all of the following criteria. If not, a rationale for exclusion should be provided.

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>Identify Documentation Submitted</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>1. Course is designed to advance basic understanding and knowledge about human interaction.</td>
</tr>
<tr>
<td>[x]</td>
<td></td>
<td>2. Course content emphasizes the study of social behavior such as that found in:</td>
</tr>
<tr>
<td></td>
<td>[x]</td>
<td>• ANTHROPOLOGY</td>
</tr>
<tr>
<td></td>
<td>[x]</td>
<td>• ECONOMICS</td>
</tr>
<tr>
<td></td>
<td>[x]</td>
<td>• CULTURAL GEOGRAPHY</td>
</tr>
<tr>
<td></td>
<td>[x]</td>
<td>• HISTORY</td>
</tr>
<tr>
<td>[x]</td>
<td>[x]</td>
<td>3. Course emphasizes:</td>
</tr>
<tr>
<td></td>
<td>[x]</td>
<td>a. the distinct knowledge base of the social and behavioral sciences (e.g., sociological anthropological).</td>
</tr>
<tr>
<td></td>
<td>[x]</td>
<td><strong>OR</strong></td>
</tr>
<tr>
<td></td>
<td>[x]</td>
<td>b. the distinct methods of inquiry of the social and behavioral sciences (e.g., ethnography, historical analysis).</td>
</tr>
<tr>
<td></td>
<td>[x]</td>
<td>4. Course illustrates use of social and behavioral science perspectives and data.</td>
</tr>
</tbody>
</table>

**THE FOLLOWING TYPES OF COURSES ARE EXCLUDED FROM THE [SB] AREA EVEN THOUGH THEY MIGHT GIVE SOME CONSIDERATION TO SOCIAL AND BEHAVIORAL SCIENCE CONCERNS:**

- Courses with primarily arts, humanities, literary or philosophical content.
- Courses with primarily natural or physical science content.
- Courses with predominantly applied orientation for professional skills or training purposes.
- Courses emphasizing primarily oral, quantitative, or written skills.
Explain in detail which student activities correspond to the specific designation criteria. Please use the following organizer to explain how the criteria are being met.

<table>
<thead>
<tr>
<th>Criteria (from checksheet)</th>
<th>How course meets spirit (contextualize specific examples in next column)</th>
<th>Please provide detailed evidence of how course meets criteria (i.e., where in syllabus)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>The concept of urbanism in this class is quite broad, linking ancient cities to contemporary cities and employing concepts from many disciplines. There are two parallel strands of materials throughout the semester: considerations of early cities on a regional basis, and considerations of cities and urbanism from a thematic framework.</td>
<td>The thematic strand of topics constitutes a basic review of the topic of urbanism. These are covered in classes 6, 8, 10, 12, 15, 17, 19, 22, 24, and 27. Furthermore, students address this criterion in all four projects.</td>
</tr>
<tr>
<td>2</td>
<td>Although this is an anthropology course, the concepts and data come from many disciplines, particularly sociology, political science, geography, and urban planning.</td>
<td>These diverse social science perspectives are interwoven throughout the material in the classes listed under item 1 above, based on the particular topic being covered. For each topic, I do mention the specific disciplinary perspectives and contributions. Students apply some of these perspectives in Projects 2 and 3.</td>
</tr>
<tr>
<td>3</td>
<td>The basic epistemological scheme of the class is to examine archaeological knowledge, as obtained through archaeological fieldwork, from the perspective of an interdisciplinary, social-science based, approach to urbanism.</td>
<td>As described for item 2, the various social science perspectives are interwoven through the class. The methodological component (focusing on archaeology) receives attention early in the class (classes 2 and 5), as well as in the student's individual projects on a specific ancient city.</td>
</tr>
<tr>
<td></td>
<td>Social science perspectives are employed and presented in two ways. First, a diversity of such perspectives are applied to the archeological data on ancient cities in order to reconstruct ancient cities as social phenomena. Second, archeological data are interpreted through social science perspectives and compared to data from contemporary cities as part of an explicit comparative framework.</td>
<td>The first perspective is found in the lectures on individual ancient urban traditions (classes 7, 9, 11, 13, 14, 16, 18, 20, 21, 23, and 25. The second is emphasized particularly in the final class (#27), but this perspective is brought up continuously in the entire semester.</td>
</tr>
</tbody>
</table>
What was it like to walk down the streets of ancient Teotihuacan, Uruk, or Angkor? Was it like strolling down Mill Avenue, or would it have been a completely different experience? Why did the Maya abandon their cities in the jungle? Is it true that the Egyptians did not live in cities? Do ancient cities hold any lessons for cities today? The archaeological study of ancient cities around the world is an active and exciting area of research. This course will review current views of cities and urbanism in Mesopotamia, Egypt, China, India, the Andes, Mesoamerica, and other regions. How do archaeologists map and excavate cities? How do ancient cities compare to modern and historic urban centers? What is a city anyway? We will consider these and other questions through an examination of topics like urban planning and layout, economics, political control, religion, housing, and the growth and decline of cities. These will be approached through a comparative perspective. Each student will choose a particular city to explore in greater depth through class discussion and written projects.

This semester, we will focus on two aspects of ancient cities: planning and urban services. Individual student projects will explore these themes for particular cities. We will also emphasize comparisons between ancient and modern cities. Did ancient cities have squatters and sprawl? Can we use methods from the class to analyze urban-like settings today? To answer this question, students will conduct a fieldwork project to analyze the ASU campus as if it were an ancient city.

**LEARNING OUTCOMES**

*By taking this course, students will:*

- Learn basic information about ancient cities around the world.
- Learn about the comparative method in archaeology.
- Develop a critical appreciation for how archaeological knowledge is created, including the nature of archaeological methods, data, and how they are interpreted and used today.
- Gain experience in analyzing primary published archaeological data about a particular ancient city.
- Apply concepts and methods from the course to the analysis of a modern urban-like setting (the ASU Tempe campus)
- Explore similarities and differences between ancient and modern cities, particularly with respect to housing and neighborhoods.

The prerequisite is ASB 222 or ASB 223, and junior or senior standing (or permission of the instructor). Students are expected to keep up with the readings and to contribute to class discussions using knowledge from their research on an ancient city.
GRADING AND ASSIGNMENTS

There are no tests. Grades are calculated from the four projects and a grade for class participation (which includes 3 unscheduled in-class assignments). Grading is done on the following scale: A: 90-100; B: 80-90; C: 70-80; D: 60-70; Fail: below 60. Late assignments will result in a lowered grade.

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Approx. Length</th>
<th>Points</th>
<th>Due Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project 1 (maps &amp; bibliography)</td>
<td>3 pp.</td>
<td>15</td>
<td>Class 7, 9/18</td>
</tr>
<tr>
<td>Project 2 (civic planning)</td>
<td>7 pp.</td>
<td>25</td>
<td>Class 13, 10/9</td>
</tr>
<tr>
<td>Project 3 (urban services; housing; functions)</td>
<td>7 pp.</td>
<td>25</td>
<td>Class 20, 11/6</td>
</tr>
<tr>
<td>Project 4 (campus fieldwork project)</td>
<td>4 pp.</td>
<td>20</td>
<td>Class 26, 12/1</td>
</tr>
<tr>
<td>Class participation &amp; 3 in-class assignments</td>
<td></td>
<td>15</td>
<td>mystery!</td>
</tr>
</tbody>
</table>

PROJECTS

Each student will select an ancient city known through archaeological fieldwork and do research for three individual projects. These projects are described in a separate document.

COURSE FORMAT AND CLASS PARTICIPATION

Classes will combine lectures and discussion. Student participation is one component of the grade (see below). There will be three unannounced class writing assignments. Students will be asked to write a paragraph about one or more of the assigned readings for that week. The purpose of the assignments is to make sure that students attend class and do the reading.

TEXTBOOKS AND READINGS

There are 4 textbooks and a group of required articles available on Blackboard. The books are:


The reading schedule is shown on pages 4-5 below. Readings should be done before the class indicated on the schedule. Come to class prepared to discuss the readings.

ACADEMIC HONESTY

Plagiarism is the intentional use of material from someone else’s written work without acknowledging the source. This includes turning in papers written by someone else or copying passages from someone else’s written work in your paper without properly citing it. It does not matter whether the material you are copying is from a published or unpublished text or manuscript, from the internet, or the written work of other students. If you use someone else’s written work and misrepresent it as your own, it is plagiarism, among the most serious types of academic cheating.

By taking this class, you are promising that you will not plagiarize. If you think there is any chance you might plagiarize for whatever reason (academic dishonesty, to avoid doing the work for the class, being too busy with other classes or a job, etc.), please withdraw from the class. All undergraduate papers will be scanned using SafeAssignment on Blackboard, which compares them against everything
posted on the internet, online article/paper databases, newspapers and magazines, and papers submitted in previous years by ASU students. If you are caught plagiarizing, you will automatically receive an “E” for the course.

STUDENT SUPPORT AND DISABILITY ACCOMMODATIONS

ASU offers support services through Counseling (www.asu.edu/counseling_center), the Learning Resources Center (www.asu.edu/lrc), and the Disability Resource Center (www.asu.edu/drc). If you are a disabled student in need of special arrangements for exams and/or homework, we will do all we can to help. But you will first need to bring a letter from the Disability Resources Center: 480-965-1234 (Voice) 480-965-9000 (TTY).

EMAIL COMMUNICATIONS

All email communication for this class will be done through your ASU email account. You should be in the habit of checking your ASU email regularly as you will not only receive important information about this and other classes, but other important university updates and information.

CHOICE OF A CITY

The two requirements for an acceptable ancient city for this class are: (1) the settlement was an urban settlement (or has been called urban), and (2) there is sufficient archaeological information (including excavation reports) available in English. The emphasis is on archaeological data; thus the Aztec capital Tenochtitlan is not a good choice, since most information is historical, not archaeological. The course gives only limited coverage to cities of the Classical world (Greece and Rome), but if you have a good reason you can choose a Classical city. The Appendix to the syllabus is a list with many of the best examples of ancient cities for this course; there are others not on this list, however, that meet these criteria. For example, there are many other Asian examples not listed here. In the list I have given each site a ranking (under "R") that suggests the quantity of available publications in English. “1” means that there is abundant material, whereas “3” indicates that there are fewer published sources, and/or they are more obscure, harder to find, or written other languages.

Each student will submit a list of four or five city choices, ranked in order of preference, and from these I will assign cities. If you have a special reason for a particular choice, please indicate that when you submit your list (e.g., “I’m going to Angkor Wat over spring break and want to read up on the city first” or “I am a descendent of Queen Boudica and want to study one of the Roman towns destroyed by her armies.”).

LEVEL OF WORK EXPECTED

This is a senior-level class, and I have high expectations for student performance. I expect students to locate and use the major (English-language) professional sources for their projects. These include technical excavation reports, some of which may have to be obtained by Interlibrary Loan. Project grades will be lowered if the major, up-to-date sources are not cited and used. Finding sources involves more than a simple Google or Library-One Search. If students come talk to me during office hours, I will provide a list of five to ten sources on their site to get started; these will emphasize recent professional publications whose bibliographies will have the main sources needed. I will not provide these lists in class or by email. Grading of projects will take into account the quantity and quality of sources that are available for the individual city.
### Schedule of Readings

**Class 1 (M, 8/26), Introduction to the course; Quick tour of ancient cities**
- *Textbook*, Scarre, chapter 1

**Class 2 (W, 8/28), What is a city? Video: Sentinels of Silence (18min); Ancient & modern cities**
- (2-1) Marcus & Sabloff 2008, Introduction to The Ancient City
- (2-2) Smith 2012, The role of ancient cities

**Class 3 (W, 9/4), Four approaches to defining and analyzing cities; theoretical approaches**
- (3-1) Kostof 1991, What is a city? *(REC: Smith 2011, Empirical urban theory)*
- (3-2) Sjoberg 2002, The preindustrial city
- (3-3) Carrasco 1982, Tenochtitlan: symbolic space & cosmic time

**Class 4 (M, 9/9), The rise of cities**
- (4-1) Van de Mieroop 1999, Origins of the Mesopotamian city
- (4-2) Smith 2009, V. Gordon Childe & the Urban Revolution
- *Textbook*, Scarre, chapter 2

**Class 5 (W, 9/11), Science, sampling, and fieldwork**
- (5-1) Feder 2014, Epistemology: How you know what you know
- (5-2) Diamond 1987, The soft sciences
- *Textbook*, Aztecs, chapter 1

**Class 6 (M, 9/16), Urban form, 1: Civic planning**
- (6-1) Smith 2007, Form and meaning
- *Textbook*, Aztecs, chapters 3, 4

**Class 7 (W, 9/18), Mesopotamia**
- (7-1) Ur 2012, Southern Mesopotamia
- *Textbook*, Scarre, chapters 3 & 7

**Class 8 (M, 9/23), Urban form, 2: Open spaces**
- (8-1) Goodsell 1988, The notion of civic space
- (8-2) Stanley et al. 2012, Urban open spaces in historical perspective

**Class 9 (W, 9/25), Mesopotamia; begin Egypt**
- *Textbook*, Scarre, chapter 4
- *Uphill*, chapters 1-5

**Class 10 (M, 9/30), Urban form, 3: Housing**
- (10-1) Cutting 2006, More than one way to study a building
- (10-2) Ward 1973, We house, you are housed, they are homeless

**Class 11 (W, 10/2), Egypt**
- *Uphill*, chapters 6-9

**Class 12 (M, 10/7), Urban life, 1: Urbanization; neighborhoods**
- (12-1) Lewis 1952, Urbanization without breakdown
- (12-2) Reader 2004, The impact of numbers *(REC: Smith 2010, Arch. neighborhoods)*
- (12-3) Sampson 2004, Networks and neighborhoods

**Class 13 (W, 10/9), Indus Valley**
- *Textbook*, Scarre, chapter 5

**Class 14 (W, 10/16), Early China**
- *Textbook*, Scarre, chapter 6
• (14-1) Steinhardt 1990, chapters 1 (Introduction) and 2 (Beginnings)

Class 15 (M, 10/21), Urban life, 2: Diversity; inequality; and urban services
• (15-1) Latham 2009, Urban life
• (15-2) Sjoberg 1960, Social class
• Textbook, Aztecs, chapter 6 (REC: Stanley et al. n.d., Urban service access)

Class 16 (W, 10/23), Angkor and Khmer cities
• Textbook, Scarre, chapter 13

Class 17 (M, 10/28), Urban functions, 1: The regional economy
• (17-1) Foster 1967, What is a peasant?
• (17-2) Murphey 1982, Spatial form and spatial interaction

Class 18 (W, 10/30), Sub-Saharan Africa
• Textbook, Hull (whole book)

Class 19 (M, 11/4), Urban functions, 2: Government and propaganda
• (19-1) Crouch et al 1982, Laws of the Indies
• Textbook, Aztecs, chapter 7

Class 20 (W, 11/6), Mesoamerica, 1: Southern Mesoamerica
• (20-1) Andrews 1975, 37-51
• Textbook, Scarre, chapter 15

Class 21 (W, 11/13), Mesoamerica, 2: Central Mexico and Aztec cities
• Textbook, Scarre, chapter 16
• Textbook, Aztecs, chapter 5

Class 22 (M, 11/18), Urban life, 3: The royal palace; the urban economy
• (22-1) Geertz 1980, The palace as temple
• (22-2) Dyer 2002, Urban occupations

Class 23 (W, 11/20), the Andes, pre-Inka
• (23-1) Pozorski & Pozorski 1994,
• Textbook, Scarre, chapter 17

Class 24 (M, 11/25), Urban meaning
• (24-1) Lynch 1981, Three normative theories
• (24-2) Rapoport 1988, Levels of meaning (pp. 325-336 only)

Class 25 (W, 11/27), Inka cities
• Textbook, Scarre, chapter 18

Class 26 (M, 12/1), Urban chiefdoms?
• (26-1) Lewis et al 1998, The design of Mississippian towns
• (26-2) Fernández-Gotz & Krausse 2013, Rethinking early Iron Age urbanisation

Class 27 (W, 12/4), Ancient cities and the future of urbanism
• (27-1) Redman 2012, Earliest Urbanism
• (27-2) Smith 2010, Sprawl, squatters, and sustainable cities
• (27-3) Smith et al. 2010, An expanded social scientific perspective on urbanism
### City Choices: (others can be substituted, with permission)

<table>
<thead>
<tr>
<th>Region</th>
<th>City</th>
<th>SA</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Africa</td>
<td>Jenne</td>
<td>2</td>
<td>Early trade center with distinctive layout</td>
</tr>
<tr>
<td>Africa</td>
<td>Great Zimbabwe</td>
<td>2</td>
<td>Monumental SW African city</td>
</tr>
<tr>
<td>Africa</td>
<td>Shanga</td>
<td>2</td>
<td>Swahili coastal city, excavatinop project</td>
</tr>
<tr>
<td>Africa</td>
<td>Kilwa</td>
<td>3</td>
<td>Swahili coastal city, limited housing data</td>
</tr>
<tr>
<td>Africa</td>
<td>Ife</td>
<td>4</td>
<td>Late Yoruba city</td>
</tr>
<tr>
<td>China</td>
<td>An-yang</td>
<td>1</td>
<td>Large Shang capital, lots of information</td>
</tr>
<tr>
<td>China</td>
<td>Cheng-Chou</td>
<td>3</td>
<td>Early Shang walled city, little information</td>
</tr>
<tr>
<td>China</td>
<td>Chang an</td>
<td>3</td>
<td>Late capital, tons of documentary info, little archy</td>
</tr>
<tr>
<td>Egypt</td>
<td>Amarna</td>
<td>1</td>
<td>New Kingdom imperial capital; tons of info</td>
</tr>
<tr>
<td>Egypt</td>
<td>Deir el-Medina</td>
<td>1</td>
<td>N.K. workers village</td>
</tr>
<tr>
<td>Egypt</td>
<td>Kahun</td>
<td>2</td>
<td>M.K. pyramid town</td>
</tr>
<tr>
<td>Egypt</td>
<td>Hierakonpolis</td>
<td>3</td>
<td>E Dynastic / OK walled town</td>
</tr>
<tr>
<td>Egypt</td>
<td>Deir-el-Ballas</td>
<td>3</td>
<td>N.K. royal city</td>
</tr>
<tr>
<td>Europe, Pre</td>
<td>the Oppida sites</td>
<td>2</td>
<td>Composite; fortified Iron-age towns; French/Germ</td>
</tr>
<tr>
<td>Europe</td>
<td>Riba</td>
<td>3</td>
<td>Danish Viking town</td>
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<tr>
<td>Europe</td>
<td>Birka</td>
<td>3</td>
<td>Swedish Viking town</td>
</tr>
<tr>
<td>India/Pakis</td>
<td>Harappa</td>
<td>1</td>
<td>Large early city</td>
</tr>
<tr>
<td>India/Pakis</td>
<td>Mohenjo-Daro</td>
<td>1</td>
<td>Large early city</td>
</tr>
<tr>
<td>India/Pakis</td>
<td>Vijayanagara</td>
<td>1</td>
<td>Late imperial capital</td>
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<tr>
<td>India/Pakis</td>
<td>Anuradhapura</td>
<td>2</td>
<td>Sri Lankan late capital city</td>
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<tr>
<td>India/Pakis</td>
<td>Sisupalgarh</td>
<td>3</td>
<td>Walled town, current fieldwork</td>
</tr>
<tr>
<td>Mesoam</td>
<td>Copan</td>
<td>1</td>
<td>Well studied Classic Maya city</td>
</tr>
<tr>
<td>Mesoam</td>
<td>Mayapan</td>
<td>1</td>
<td>LPC Maya capital</td>
</tr>
<tr>
<td>Mesoam</td>
<td>Monte Alban</td>
<td>1</td>
<td>Hilltop city in Oaxaca</td>
</tr>
<tr>
<td>Mesoam</td>
<td>Teotihuacan</td>
<td>1</td>
<td>Central Mexican metropolis</td>
</tr>
<tr>
<td>Mesoam</td>
<td>Tikal</td>
<td>1</td>
<td>Classic Maya major capital</td>
</tr>
<tr>
<td>Mesoam</td>
<td>Tula</td>
<td>1</td>
<td>Large Toltec city</td>
</tr>
<tr>
<td>Mesoam</td>
<td>Xochicalco</td>
<td>1</td>
<td>Hilltop city, Epiclassic period</td>
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<tr>
<td>Mesoam</td>
<td>Chichen Itza</td>
<td>2</td>
<td>Late Maya city, major architecture</td>
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<tr>
<td>Mesoam</td>
<td>Calixtlahuaca</td>
<td>2</td>
<td>Aztec city, current ASU project</td>
</tr>
<tr>
<td>Mesoam</td>
<td>Palenque</td>
<td>2</td>
<td>Classic Maya city, recent mapping project</td>
</tr>
<tr>
<td>Mesoam</td>
<td>Sayil</td>
<td>2</td>
<td>Puuc Maya city, well-mapped</td>
</tr>
<tr>
<td>Mesoam</td>
<td>Aztec city-state caps</td>
<td>2</td>
<td>Composite topic. Scattered coverage</td>
</tr>
<tr>
<td>Mesoam</td>
<td>San Lorenzo</td>
<td>3</td>
<td>Olmec center, sketchy data</td>
</tr>
<tr>
<td>Mesoam</td>
<td>Uxmal</td>
<td>3</td>
<td>Puuc Maya city</td>
</tr>
<tr>
<td>Mesoam</td>
<td>Otumba</td>
<td>4</td>
<td>Aztec craft center; no architecture</td>
</tr>
<tr>
<td>Near East</td>
<td></td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>-----------</td>
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<td></td>
</tr>
<tr>
<td>Near East</td>
<td>Ur</td>
<td>1 Early Dynastic city, lots of data</td>
<td></td>
</tr>
<tr>
<td>Near East</td>
<td>Uruk</td>
<td>2 Earliest city</td>
<td></td>
</tr>
<tr>
<td>Near East</td>
<td>Hattusas</td>
<td>2 Hittite walled capital</td>
<td></td>
</tr>
<tr>
<td>Near East</td>
<td>Khafajah</td>
<td>2 EC town, temple precinct with crafts</td>
<td></td>
</tr>
<tr>
<td>Near East</td>
<td>Mashkan shapir</td>
<td>2 Walled town, recent fieldwork with remote sensing</td>
<td></td>
</tr>
<tr>
<td>Near East</td>
<td>Nippur</td>
<td>2 Early Dynastic city, good residential excavations</td>
<td></td>
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<tr>
<td>Near East</td>
<td>Nineveh</td>
<td>3 Huge Assyrian capital. NO HOUSING</td>
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<tr>
<td>Near East</td>
<td>Babylon</td>
<td>3 Late imperial capital; reports are in German</td>
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<td>Near East</td>
<td>Ugarit</td>
<td>3 Levant trading city; many pubs in French</td>
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<td>Near East</td>
<td>Perespolis</td>
<td>3 Persian imperial capital, huge architecture</td>
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<tr>
<td>Near East</td>
<td>Abu Salabikh</td>
<td>3 Early Dynastic town, recent fieldwork</td>
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<tr>
<td>Near East</td>
<td>Samarra</td>
<td>3 Islamic city, one of the largest anywhere</td>
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<tr>
<td>Near East</td>
<td>Petra</td>
<td>4 Late Roman period, monumental. NO HOUSING</td>
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<tr>
<td>Near East</td>
<td>Susa</td>
<td>4 Elamite capital; many pubs in French</td>
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<tr>
<td>Near East</td>
<td>Tell Brak</td>
<td>4 Newly discovered early city.. NO HOUSING??</td>
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<tr>
<td>North Amer</td>
<td>Cahokia</td>
<td>1 Huge Mississippian town</td>
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<td>North Amer</td>
<td>Chaco Canyon</td>
<td>1 Valley of architectural complexes: urban or not?</td>
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<td>North Amer</td>
<td>Pueblo Grande</td>
<td>1 Local Hohokam site: urban or not?</td>
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<td>SE Asia</td>
<td>Angkor</td>
<td>1 Huge Khmer royal city, Cambodia</td>
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<tr>
<td>SE Asia</td>
<td>Bagan</td>
<td>3 Large sprawling Buddhic center, Burma</td>
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<th>So. Amer</th>
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<tr>
<td>So. Amer</td>
<td>Chan Chan</td>
<td>1 Coastal city, large walled royal compounds</td>
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<tr>
<td>So. Amer</td>
<td>Huanuco Pampa</td>
<td>1 Inka administrative city</td>
</tr>
<tr>
<td>So. Amer</td>
<td>Tiwanaku</td>
<td>1 Middle Horizon large city; raised fields</td>
</tr>
<tr>
<td>So. Amer</td>
<td>Cahuachi</td>
<td>2 Nazca town: urban or not?</td>
</tr>
<tr>
<td>So. Amer</td>
<td>Machu Picchu</td>
<td>2 Inka royal estate; picturesque, not much data</td>
</tr>
<tr>
<td>So. Amer</td>
<td>Moche</td>
<td>2 Large coastal city, rich burials, sacrifices</td>
</tr>
<tr>
<td>So. Amer</td>
<td>Chavin de Huantar</td>
<td>3 Early ritual center</td>
</tr>
<tr>
<td>So. Amer</td>
<td>Wari</td>
<td>3 Middle Horizon imperial capital</td>
</tr>
<tr>
<td>So. Amer</td>
<td>Sechin complex</td>
<td>3 Early coastal monumental center(s)</td>
</tr>
<tr>
<td>So. Amer</td>
<td>Ollantaytambo</td>
<td>3 Inka royal estate, well-studied architecture</td>
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<th>Classical</th>
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<tr>
<td>Classical</td>
<td>Pompeii</td>
<td>1 Well preserved, LOTS of information</td>
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<tr>
<td>Classical</td>
<td>Olynthus</td>
<td>1 Late Greek city, well-excavated residential zone</td>
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<tr>
<td>Classical</td>
<td>Metaponto</td>
<td>2</td>
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<tr>
<td>Classical</td>
<td>Rome</td>
<td>3 Arch data spotty</td>
</tr>
<tr>
<td>Classical</td>
<td>Megara Hyblaia</td>
<td>3 Sicilian city-state, Greek</td>
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</table>

**NOTE: "SA" refers to Source Availability:**

1. Lots of fieldwork, and lots of sources easily available in English
2. Less fieldwork but good coverage in English; some reports may be hard to find.
3. May be difficult to find enough sources and/or major sources not in English
4. Special cases; okay for the dedicated student
# Article citations, listed by class # (NOTE: This does NOT have the textbook readings)

2-1: Marcus, Joyce and Jeremy A. Sabloff  

2-2: Smith, Michael E.  

3-1: Kostof, Spiro  

3-2: Sjoberg, Gideon  

3-3: Carrasco, Davíd  

4-1: Van De Mieroop, Marc  

4-2: Smith, Michael E.  

5-1: Feder, Kenneth L.  

5-2: Diamond, Jared  

6-1: Smith, Michael E.  

7-1: Ur, Jason A.  

8-1: Goodsell, Charles T.  

8-2: Stanley, Benjamin W., Barbara L. Stark, Katrina Johnston, and Michael E. Smith  

10-1: Cutting, Marion  

10-2: Ward, Colin  

12-1: Lewis, Oscar  

12-2: Reader, John  
12-3: Sampson, Robert J.  

14-1: Steinhardt, Nancy S.  
1990 Introduction (ch. 1) and Beginnings (ch. 2). In Chinese Imperial City Planning, pp. 1-53. University of Hawaii Press, Honolulu.

15-1: Latham, Alan  

15-2: Sjoberg, Gideon  

17-1: Foster, George M.  

17-2: Murphey, Rhoads  

19-1: Crouch, Dora P., Daniel J. Garr, and Axel I. Mundingo  

20-1: Andrews, George F.  

22-1: Geertz, Clifford  

22-2: Dyer, Christopher  

23-1: Pozorski, Shelia and Thomas Pozorski  

24-1: Lynch, Kevin  

24-2: Rapoport, Amos  

26-1: Lewis, R. Barry, Charles Stout, and Cameron B. Wesson  

26-2: Fernández Götz, Manuel A. and Dirk Krausse  

27-1: Redman, Charles  

27-2: Smith, Michael E.  

I expect that students will locate and use the major published sources on their city. Many of these will be print sources, some will be available on the internet. I will give you five citations to get you started if you visit me during office hours to discuss your project (I will NOT email these to you).

**Format for all Projects**

These projects will be based heavily on maps of your city—maps of the entire city, maps of central districts, maps of houses and neighborhoods. You need to make sure that you have sufficient maps available to complete these projects.

For Projects 2, 3, and 4, you must submit your paper in both a printout and a computer file. Your paper must have a descriptive title beyond the name of the city. This should be on the title page. For each paper, you must include the following items or features (or else points will be deducted):

- Title Page. Give your paper a descriptive title that is interesting and relevant.
- Pages must be numbered.
- Bibliographic citation of (and use of) primary data sources on the site.
- The bibliography entries must be complete and in correct format.\(^1\)
- Maps and/or other illustrations. Number the illustrations, including the maps (fig. 1, fig. 2, etc.) and include a list of figures. In the figure list, provide both a descriptive caption (e.g., “plan of the epicenter of Mojenjo-daro”) and indicate where you got each figure – source and page number, or web page title and URL.
- Your computer version must consist of a single file; that is, all illustrations and tables must be incorporated into the file. You may use either pdf or MS-Word format.
- You should have an introduction with some discussion of the general issue you are focusing on, including bibliographic citations of specific theoretical or comparative studies. You will want to review the relevant reading assignments.
- You may want to include some discussion of comparative data from other cities in the urban tradition of your city (including bibliographic citations).

It is possible that some cities do not have sufficient data to complete projects 2 or 3 as described here. If that is the case, see me and we will work out an adaptation of the project, or a substitute project. For this reason, it is to your advantage to start the projects early. I expect that you will find published data that will allow you to complete a project.

Scanning of maps: I am interested in getting some high-resolution scans of maps of cities, buildings, and neighborhoods of some of the cities covered in the class. If I have marked “scans” on your first project, please come talk to me about this. If you scan at a good resolution (600 dpi, grayscale) and note the citation of the work, you could give me some of your scans. Otherwise I can scan the maps myself, but I will need access to the books. Most internet maps have resolutions too low for my needs.

\(^1\) I am a stickler for correct bibliographic formats. We will discuss this in class. Incorrect or incomplete citations will lead to lowered grades.
Project 1. Bibliography and Maps. [DUE CLASS 7, WEDS, Sept. 18] (15 points)

Hand in the following items:

A. **Summary statement**: One or two paragraphs outlining some of the interesting features of the city, and some of the reasons why the city is important as an example of an ancient city.

B. **List of fieldwork projects**: A list of the major fieldwork projects at your site, including the dates of the fieldwork and the name of the director of the project.

C. **Size and population**: Please include data and a brief discussion (with citations) of the population size and areal extent (square km) of your city in at least one period.

D. **Bibliography** of the major scholarly publications on the city. This should include between 10 and 40 sources, done in correct bibliographic format. Your bibliography must include:
   - At least two articles from scholarly journals
   - At least two primary data reports
   - At least two general books on the overall culture or area
   - At least one article from a scholarly encyclopedia or reference work
   - At least four of the above sources must be dated after 2003
   - At least one scholarly web site on the city

E. **A map showing the location of the city within its region or a larger area.**
F. **A map or maps of the city.** Please try to include a map of the central zone with public architecture, and one or more maps of housing or residential areas.

NOTE: I expect that students will find and use the most important published sources on their city.

City Project 2: Planning in the Monumental Core [Due Class 13, Weds, Oct 9] 5 to 10 pages plus figures and tables (25 points).

The goal of this project is to describe the principles of central planning used to design and lay out the public buildings in the monumental core of your city, using the framework described in the article, “Form and Meaning in the Earliest Cities” (Smith 2007). You should review that paper before completing this project (and it should be cited in your bibliography). The focus is on planning on spatial levels larger than the individual building, as shown by coordination among structures. You will analyze **TWO SEPARATE LEVELS** for planning. Make sure you know what is meant by spatial levels. Here is the format:

Your paper should have four sections, each with a subheader. You can have additional lower-level subheaders if you wish. The four major sections are:

1. **Introduction to urban planning in __________ (your city’s name)**
2. **First planning exercise: ________ (fill in the title of your first analysis)**
3. **Second planning exercise: ________ (fill in the title of your second analysis)**
4. **Discussion**

**Section 1**

Introduce your topic. Briefly describe your conclusions about the degree of planning in your city. Say something interesting to start your paper.

**Sections 2 and 3**

You will choose **TWO** out of the following 3 **spatial levels**; these will be your first and second planning exercises (sections 2 and 3 of your paper). For each section, provide a subheader (see the list
above). For each section, provide a map that shows the area you are discussing, and its limits. Draw a line around the area of focus, or indicate it some other way clear on the map.

a. **City level: Planning among the main civic structures.** Identify the largest and most important civic buildings (temples, palaces, avenues, city walls, etc.) and analyze the nature and extent of urban planning at the level of the entire city, using the six features in the above table.

b. **Epicenter level: Planning of the downtown area (epicenter).** Focus on the civic architecture in the city center and analyze it for urban planning. If all of the civic architecture is concentrated in the epicenter, then there will be no difference between choices a and b; thus your two analyses will be a/b, and c.

c. **Architectural group level: Planning within a single major group of civic structures.** Select a cluster, compound, or other grouping of civic buildings (typically such groups are focused on a central building) and analyze the principles of planning within the group (using the same six principles). You should pick a group or compound with several components (buildings, plazas, etc.), rather than a single building.

**NOTES:**
- If there is civic architecture spread throughout the city (i.e., the civic buildings are **not** all concentrated in an epicenter), then you should analyze levels (a) and (b) above for sections 2 and 3. If the publications are insufficient for one of those levels, you may complete analysis (c). If all of the civic buildings are concentrated in the epicenter, you may combine (a) and (b) for section 2, and then carry out analysis 3 for section 3. The reason for having different levels is to study planning on more than one spatial scale.
- Your discussion of how the civic buildings were planned and arranged should be organized in terms of the list of traits provided in the table above. Within each of sections two and three of the paper, you should prepare one or more paragraphs for each of these features, and label the paragraph with the feature. You will probably want to cite the article, “Form and Meaning…”

**Section 4: Discussion**
Include the following 2 issues, plus whatever else you want to say about planning at your city:
- What do the patterns of planning suggest about the nature of your city and its builders and rulers?
- What have others said about planning at your city? Discuss this briefly, with citations. Do your results agree or disagree with other views?

You will need to conduct various analyses of your maps. These may include things like measuring the sizes of buildings, squares, or features and measuring their compass orientation. You may want to produce one or more new maps that have important features emphasized or that show particular attributes of the buildings and their layout.

**You should include:**
- At least one map for each of your two analyses.
- At least one plan map of an individual public building.
- At least one table with quantitative data. The table MUST relate to one of your analyses, and you must cite it in the text. For example, “Table 1 shows that all of the civic buildings except for one have the same compass orientation.” You must make your own table (I recommend Excel); do not just scan a table from a publication. Indicate the source of the data in the table. Here are some suggestions:
  - A list of the major civic buildings with the dimensions (length vs. width) of each.
  - A list of buildings with their compass orientations.
  - Lists of the number of buildings showing the relevant planning traits in the table.
  - Other ideas: Be creative and think of some quantitative data that will shed light on the nature of planning at your city.
PROJECT 3: CHOICES. 5 to 10 pages, plus figures and tables. (25 points)

- If your city has ample data, then you can choose between choices A (Services) and B (Housing).
- If your city has poor data on services and housing, then you may do choice C (Functions)
- See me if you are in doubt about which case pertains to your city.
- The DUE DATE has been moved back, to Nov 13.

City Project 3A: Urban Services

The goal of this project is to identify two categories of facilities where urban services were likely provided in your city (temples and formal open spaces), and to evaluate the level of inequality in people’s access to those facilities. Were the facilities located so serve all residents equally, or were some neighborhoods better served or poorly served? Make sure you understand the concepts of high-level and intermediate-level services before you begin (class 16). Your paper should have four sections, each with a subheader. The four major sections are:

1. Urban services in __________ (your city’s name)
2. The accessibility of temples
3. The accessibility of open spaces
4. Discussion

Section 1

Briefly describe temples and formal opens spaces in your city (include illustrations if possible). Is there evidence for high-level and intermediate-level temples and open spaces? Mention what archaeologists have said (if anything) about how urban residents used these features. Give a preview of your findings.

Section 2: The accessibility of urban temples

1. Make a list of the high-order temples in your city. Indicate their locations on a map. Include an illustration of one.
2. Make a separate list of the intermediate-order temples. Indicate their locations on a map, and include an illustration.
3. For each category of temple (high- and intermediate-order), evaluate whether they seem equally accessible to all urban residents, or whether they seem restricted. Are there some neighborhoods that seem poorly served? What is the evidence for your interpretation?
4. How do high-order and intermediate-order temples compare in size, form, or location?

Section 3: The accessibility of public open spaces

- Same format as section 2, but for open spaces.

Section 4: Discussion

1. Summarize your findings on the accessibility of temples and open spaces in your city.
2. Briefly compare the spatial distributions of temples and open spaces in your city. Do their distributions seem similar or different? Do temples and open spaces tend to be found together (that is, are some or all temples located next to public open spaces?)
3. What might be the implications of these results for understanding life in your city?

You should include:

- One or more maps of your city with the locations of temples and open spaces indicated or highlighted.
- Tables listing the high- and intermediate-order temples and open spaces.
- At least one illustration of each category of facility.
The goal of this project is to analyze the extent of central planning in the housing and residential neighborhoods of your city. Your paper should have four sections, each with a subheader. You can have additional lower-level subheaders if you wish. The four major sections are:

1. Housing in __________ (your city’s name)
2. First planning exercise: ________ (fill in the title of your first analysis)
3. Second planning exercise: ________ (fill in the title of your second analysis)
4. Discussion

Section 1

Briefly describe elite and commoner houses in your city (include illustrations if possible). For each of these two categories, discuss the kinds of housing units (see table) and their size, layout, and construction patterns. A table might be useful. If differences between elite and commoner houses are not clear, that is interesting and you should discuss the issue.

Sections 2 and 3

You will choose TWO out of the following 4 analyses; these will be your first and second planning exercises (sections 2 and 3 of your paper). You may NOT choose the combination of (c) and (d) unless you get my permission first (the goal here is to force you to consider (a) or (b) unless there is simply insufficient data. If you convince me (prior to writing the paper) that you cannot do (a) or (b) for your city, I will allow you to choose analyses (c) and (d). For each section, provide a subheader. For each section, provide a map that shows the area you are discussing, and its limits. Draw a line around the area of focus, or indicate it some other way clear on the map.

CHOOSE TWO OF THE FOLLOWING ANALYSES:

a) **Planning in a residential neighborhood.** Study the planning of houses and other architectural features within a residential area or neighborhood of your city. Use the six features of “coordination among buildings” listed for project 2. You must examine coordination among houses, and you may also include coordination with civic architecture if you wish.

b) **Planning of housing in the city as a whole.** This is the same as (a), but it includes the entire city. You can do this analysis either with maps of housing in the entire city, or with maps of houses in several different parts of the city (even if complete neighborhoods are not mapped).

c) **Planning within a single house.** Apply the six coordination features to the layout of rooms, open areas, gardens, exterior features, etc. in a single residence. You should focus on a complex residence for this (e.g., a palace, or a large apartment compound), not a simple house with a couple of rooms. If the house is too small and simple, this exercise will produce only trivial results (“the four walls are orthogonal and connected”, wowie-zowie).

d) **Standardization among houses.** Pick a sample of at least five to ten houses that are mapped and are more complex than a small one- or two-room layout. Discuss in detail the similarities and differences among the houses, including their sizes, shapes, layouts, and functional spaces (if known). To what extent would you consider the houses at your site to be standardized? Does your sample of houses seem to reflect the variation that exists among all of the recorded houses at your site?

Section 4

4. Summarize the nature and extent of planning in the houses and housing in your city. Cite Smith (2007).
5. Is there any evidence to suggest the organization of housing into neighborhoods or districts?
6. What can you infer about social classes and social stratification on the basis of your analyses?
7. Are there open spaces within or close to the residential zones?
8. What do the data on housing and neighborhoods tell us about urban life, society, and politics in your city?

You should include:
- Several plans of houses; ideally these will include both elite and commoner houses.
- At least one plan of a residential neighborhood or district (if possible).
- At least one table with quantitative data. The data in the table MUST relate to your analyses, and you must cite the table in your text (e.g., “the data on house sizes in table 1 show that houses were not at all standardized in their size”). Here are some suggestions for possible data tables:
  - a list of the number of houses of each type
  - information on the sizes of houses
  - information on the numbers of houses per neighborhood or district

City Project 3C: Urban Functions

The goal of this project is to identify the urban functions that were important in your city. Make sure you understand the concept of urban functions: “activities and institutions in a city that affect a wider hinterland.” A shop that serves urban residents is NOT an urban function, but a store or marketplace attended by people from outside the city IS an urban function. Please re-read the texts for the units on urban functions and cite them. You will pick two out of the three major categories of urban function for this project.

Your paper should have four sections, each with a subheader. You can have additional lower-level subheaders if you wish. The four major sections are:

1. Urban functions in _________ (your city’s name)
2. First urban function: _________ (fill in the title of your first analysis: economic, religious, or political)
3. Second urban function: _________ (fill in the title of your second analysis: economic, religious, or political)
4. Discussion

Section 1

Briefly describe the role your city played in a larger area for each of two urban functions. This can refer to its hinterland (nearby areas in frequent communication with the city), or a larger political realm (a state ruled from the city, or a province administered by the city), or an even larger international arena (if its influence reached distant areas, for example in its role as a center for international trade).

Sections 2 and 3

You will choose TWO out of the following 3 urban functions; these will be the second and third sections of your paper.

**CHOOSE TWO OF THE FOLLOWING URBAN FUNCTIONS:**

a) Economic urban functions. Consider one or more of the following: production of goods in the city for use outside the city; the city as a setting for commerce or exchange within its local region; the city as a setting for international trade, BEYOND the simple importation of foreign goods for urban consumption. That is, was the city a trade center for international trade, with goods coming and going to foreign locations?

b) Political urban functions. Consider the role of the city as a political capital. Was it the center of a state or polity that ruled a larger area? Alternatively, was it an administrative center that administered a province for a state or empire whose capital was located elsewhere? In either case, these are urban functions.

c) Religious urban functions. Was the city a setting for religious activity for people beyond the city itself? Were there ceremonies attended by non-urban residents? Were there religious facilities (temples, educational facilities, etc.) that somehow influenced life or people beyond the city?

For each of the two sections, please address these three issues:
• What is the architectural or built-environment evidence for the urban function? (e.g., tall pyramids, or marketplaces, or political propaganda posted all over the place)

• How can you determine that these are indeed urban functions and not just facilities for urban residents?
  o Hint: if you have any evidence from non-urban areas, this can be a big help; if every settlement has a ballcourt, then an urban ballcourt is probably not an urban function. But if only the city has ballcourts, and people came into town to view or participate in a ballgame, then this was probably an urban function.

• How important was the urban function? For example, many large temples would suggest an important religious function, while a single modest temple suggests a less important urban function.

Section 4
• Briefly review the two urban functions that you have analyzed.
• Briefly mention why these functions are important for understanding your city.
• Cite and discuss one or more of the readings on urban functions in section 4.
• For the urban tradition of your city: is there any evidence that different cities had different functions? Or did they all have pretty much the same urban functions?

You should include:
• At least one map showing the facilities that performed urban functions.
• At least one map or illustration of one of these facilities.
• At least one table with quantitative data. The data in the table MUST relate to your analyses, and you must cite the table in your text.
The goal of this project is to describe aspects of the architecture, layout, and planning of the ASU Tempe campus, using the framework described in the article, “Form and Meaning in the Earliest Cities” (Smith 2007). You should review that paper before completing this project (and it should be cited in your bibliography). You may also want to consult other sources, such as Lynch (1981) or Kostof (1991); see the syllabus for these. What aspects of planning can be described, and how do they affect people as they walk through the campus? For example, while symmetry can be observed from street layouts on the campus map, this is not very interesting, since nearly all modern cities have symmetrical streets. More relevant to how people experience the campus are cases where a symmetrical placement of buildings or features produces an affect (e.g., monumentality, axially, viewshed) on people who see them. You should emphasize the physical and spatial characteristics of the campus, not the goals or ideas that you think people might have had in building or planning the campus. The focus is on planning on levels larger than the individual building, as shown by coordination among structures. This project is similar to Project #2, but the list of planning features (see table above) is slightly different in order to accommodate the ASU campus).

These are some of the features of the built environment you may want to consider:

- buildings and their form and location
- streets and walkways (location, size, materials)
- open spaces: their presence, size, appearance, and spatial functions (access, etc.)
- palm trees and other trees and vegetation: how they are used spatially
- benches, sculptures, zen gardens, and other minor parts of the built environment

Please organize your paper into sections with subheaders corresponding to the planning features listed in the table above. Include an introduction and conclusion that talk about the context and significance of your study.

You should

- include a map of campus, labeled with the features you discuss in your project.
- include photographs of key planning features where appropriate (not more than 10 photos, please)
- include a bibliography (even if it has only one entry, Smith 2007).
- Follow the general instructions in the section “Format for all projects.”

**Extra credit:** Find discussions of the actual planning and architecture of the campus and evaluate the degree to which the physical planning principles fit or do not fit with sources on the campus layout.
Course description: Archaeological research on the origins and development of the earliest urban centers around the world. Applies urban theory and comparative analysis. Compares ancient and modern cities
# Contents

**Preface**  xvii  

**About the Authors**  xxiii  

## Part I  Background  1

### Chapter 1  
**The Study of Civilization**  2

- What Is a “Civilization”?  4  
- Comparing Civilizations  8  
- Civilizations and Their Neighbors  9  
- “Primary” and “Secondary” Civilizations  10  
- The Rediscovery of Ancient Civilizations  11  
- Classical Civilizations: Greece and Rome  12  
  - Egypt  13  
  - Mesopotamian Civilizations: Assyrians and Sumerians  15  
  - Greece and Crete: Minoans and Mycenaean  17  
  - The Indus and Eastern Asia  18  
  - The Americas: Mesoamerica  19  
  - The Americas: Peru  21  
- Summary  22
CHAPTER 2
THEORIES OF STATES 23

Historical and Anthropological Perspectives 26
Civilizationists and World Systems 26
Evolutionary Schemes 26
Prestate and State-Organized Societies 27
Chiefdoms 28
Settlement Hierarchy 29

Four Classic Theories for the Emergence of State Societies 30
Childe and the Urban Revolution 31
Irrigation 32
Technology and Trade 34
Warfare 37

Coercive versus Voluntaristic Theories 38
Cultural Systems and Civilization 38
Ecological Theories 40
Social Theories 41
Power in Three Domains 42
Ideology and Factionalism 43
Individuals and Gender 46

Cycling Chiefdoms: Processes and Agents 48
The Collapse of Civilizations 50
Civilization and Sustainability 52
Western and Indigenous Science 56
Summary 58

PART II THE FIRST CIVILIZATIONS 59

CHAPTER 3
MESOPOTAMIA: THE FIRST CITIES (3500–2000 B.C.) 64

The Setting 67
Irrigation and Alluvium: Hassuna, Samarra, Halaf, and Ubaid
(6500–4200 B.C.) 68
Contents

DISCOVERIES  The Birth of Cuneiform  70
The Uruk Revolution  71
Cities and States  72
SITES  Anatomy of Settlement I—The Regional Level  74
Landscape and Cityscape  76
SITES  Anatomy of Settlement II—The Early City  78
VOICES  Gilgamesh, King of Uruk  80
The Uruk World System (3450–3100 b.c.)  80
The Early Dynastic Period (2900–2350 b.c.)  85
The Sumerians  85
The Flood and the King-List  86
The Early History of Sumer  87
The Royal Graves at Ur (2600–2350 b.c.)  88
New Developments in Northern Mesopotamia  89
SITES  The Grave of Pu-abi  90
City Neighborhoods in the Third Millennium  92
Urban Centers and Rural Complexity  93
The Akkadian Empire (2334–2230 b.c.)  94
Imperial Ur (2112–2004 b.c.)  97
Wider Horizons (2500–2000 b.c.)  99
Mari and Ebla  99
The Southern Levant  100
Susa and Elam  100
Summary  102

CHAPTER 4
EGYPTIAN CIVILIZATION  103
Kmt: “The Black Land”  104
Origins (5000–2920 b.c.)  108
Predynastic Chiefdoms  110
Unification  113
The Archaic Period (2920–2680 b.c.): Kingship, Writing, and Bureaucracy  118
The Old Kingdom (c. 2680–2134 b.c.): Territorial and Divine Kingship  123
Contents

Saqqara: The King as Supreme Territorial Claimant 123
Pyramids: Mountains of Re 125

Discoveries
The Pyramids of Giza 126
“The Herdsman of This Land” 129

The First Intermediate Period (2134–2040 B.C.) 130
The Middle Kingdom (2040–1640 B.C.): The Organized Oasis 131
The Second Intermediate Period (1640–1550 B.C.) 133
The New Kingdom (1550–1070 B.C.): Imperial Kings 133

Discoveries
Avaris 134
“The Estate of Amon” 136
Akhenaten and Amarna 138

The Imperial Power 139

The Decline of Egypt (after 1100 B.C.) 142

Voices
A Tomb-Robbing Scandal at Thebes 144

Summary 144

Chapter 5
South Asia: Harappan and Later Civilizations 146

The Origins of Village Life and the Rise of the Harappan Civilization (before 2500 B.C.) 149

Mehrgarh 150
Early Harappan (late fourth and early third millennia B.C.) 151
Trade and Exchange 152

Mature Harappan Civilization (c. 2500–2050 B.C.) 154
Cities and Artisans 154
Technology and Trade 157
Political and Social Organization 158

Religious Beliefs 161

Collapse (c. 2000 B.C.) 162
Rural Interlude (2000–600 B.C.) 164
Early Historic Cities (600–150 B.C.) 165

Summary 166
CHAPTER 6
THE FIRST CHINESE CIVILIZATIONS  168

Setting  170
Millet and Rice (c. 7000–4500 B.C.)  170
The North: Yangshao and Cishan  171
The South: Hemudu and Pengdoushan  172
Symbolism in the Middle Neolithic (4500–2700 B.C.)  173
Liangzhu Jades  174
Neolithic Manchuria: The Niuheliang Temple  174
Elite Traditions in the Longshan Phase (2700–2000 B.C.)  175
Pottery and Ritual  176
The First Chinese Writing  176
Walls and Warfare  177
Three Dynasties: Xia, Shang, and Zhou (before 2000 B.C.–1027 B.C.)  178
Xia and Shang  178
Shang Cities  180
Writing and Society  186
State and Society  187
Ritual Bronzes: Technology and Meaning in Shang Society  189
Shang Civilization in Its Broader Context  191
The Western Zhou Period (1027–771 B.C.)  193
Summary  194

PART III  GREAT POWERS IN THE NEAR EAST  195

CHAPTER 7
NEAR EASTERN KINGDOMS (2000–1200 B.C.)  196

Bronze Age Cities in Anatolia (2000–1700 B.C.)  197
Alaçat Höyük  197
Kanesh  199
The Struggle for Mesopotamia (2000–1800 B.C.)  200
Sites  The City of Saar and the Dilmun Trade  201
The World of the Mari Letters (1810–1750 B.C.)  201
The Emergence of Babylon and the Old Babylonian Period (2004–1595 B.C.) 202
    VOICES Law Code of Hammurabi 205
The Rise of the Hittites (1650–1400 B.C.) 206
Egypt and Mitanni: War in the Levant (1550–1400 B.C.) 207
The Hittites in the Levant (1400–1200 B.C.) 209
The Hittites in Anatolia (1400–1200 B.C.) 210
    SITES Kilise Tepe 213
Mesopotamia and Iran (1400–1200 B.C.) 214
Summary 215

CHAPTER 8
THE NEAR EAST IN THE FIRST MILLENNIUM B.C. 216

A Reordered World (1200–1000 B.C.) 217
The Mediterranean Coastlands (1000–700 B.C.) 219
    DISCOVERIES Invention of the Alphabet 222
The Archaeology of Empire 225
Assyria Resurgent (911–680 B.C.) 227
The Mountain Kingdom of Urartu (c. 830–600 B.C.) 229
The Assyrian Apogee (680–612 B.C.) 230
    SITES Landscape Archaeology and the Footprint of Empire 232
The Neo-Babylonian Empire (612–539 B.C.) 234
Phrygians and Lydians (eighth century–500 B.C.) 235
    SITES Imperial Babylon 236
    DISCOVERIES The Decipherment of Cuneiform 238
The Rise of the Persians (614–490 B.C.) 238
Summary 240

PART IV THE MEDITERRANEAN WORLD 241

CHAPTER 9
THE FIRST AEGEAN CIVILIZATIONS 242

The Aegean Early Bronze Age (3200–2100 B.C.) 244
    Early Minoan Crete 244
Mainland Greece and the Cycladic Islands 247
Toward the First Palaces 249
Minoan Civilization: The Palace Period (2100–1450 B.C.) 249
The Minoan Palaces 250
The Political Geography of Minoan Crete 253
Minoan Writing and Crafts 254
Minoan Religion 255
Sites: Dating a Bronze Age Catastrophe 256
Crete and Its Neighbors 258
Mycenaean Greece (1600–1050 B.C.) 258
Palace-Based Kingdoms 262
The Political Geography of the Mycenaean Kingdoms 264
Mycenaean Crafts 265
Discoveries: The Uluburun Shipwreck 266
The Mycenaean Abroad 266
After the Palaces: Postpalatial Greece (1200–1050 B.C.) 269
Summary 269

CHAPTER 10
THE MEDITERRANEAN WORLD IN THE FIRST MILLENNIUM (1000–30 B.C.) 271

The Recovery of Greece (1000–750 B.C.) 272
Phoenicians and Carthaginians (1000–750 B.C.) 274
The Greek Colonies (800–600 B.C.) 275
Etruscan Italy (750–400 B.C.) 278
Cerveteri and Etruscan Cemeteries 280
Etruscan Expansion 283
Archaic Greece (750–480 B.C.) 284
Three Greek Cities: Athens, Corinth, Sparta 286
Discoveries: The Rise of the Hoplite 287
Discoveries: Black- and Red-Figure Pottery 288
Classical Greece (480–323 B.C.) 288
Democracy and Slavery 290
The Great Age of Athens 292
Sites: The Building of the Parthenon (447–432 B.C.) 293
The Ancient Greek Countryside 293
Sites: The Classical Argolid 297
CHAPTER 11

IMPERIAL ROME 303

The Roman Republic (510–31 B.C.) 306
The Early Roman Empire (31 B.C.–A.D. 235) 307
The Culture of Empire 309
Artists and Architects 310
The Military Establishment 311
Imperial Frontiers 312
Arteries of Empire: Roads and Sea-Lanes 313
Roman Highways 313
Roman Seaways 315
Cities 317
Sites The Colosseum 322
Commerce and Coinage 324
Literacy and Writing 326
The End of the Ancient World 328
Voices The Vindolanda Tablets 329
Summary 330

PART V NORTHEAST AFRICA AND ASIA 331

CHAPTER 12

NORTHEAST AFRICA: KUSH, MEROE, AND AKSUM 335

Nubia and the Middle Nile 337
Voices Egyptians in Nubia 338
"The Shadow of Egypt" (3500–2100 B.C.) 338
Kerma: The Lords of Kush (c. 1570–1528 B.C.) 340
King’s Son of Kush (1528–1100 B.C.) 341
Sites Kerma 342
CHAPTER 13
Divine Kings in Southeast Asia 356

The Rise of States in Southeast Asia (c. 2000 B.C.–A.D. 150) 357
   The Dong Son Culture (c. 1000 B.C.–A.D. 43) 360
   Trade and Kingdoms 360
   The Rise of the God-Kings 363
   Supreme Kings 364

The Angkor State (A.D. 802–1430) 364
   Holy Cities 365
   Sites  Angkor Wat, Cambodia 368
   A Religious Utopia 370
   Voices  Zhou Daguan Visits Angkor 371
   Collapse 372
   Summary 372

CHAPTER 14
Kingdoms and Empires in East Asia (770 B.C.–A.D. 700) 374

Society Transformed: The Eastern Zhou Period (770–221 B.C.) 376
   Urbanism 376
   Ironworking 377
   Coinage and Commerce 378
   Warring States 378

The First Chinese Empire (221–206 B.C.) 380
   Qin Shihuangdi (221–210 B.C.) 380
   The Qin Empire 382

The Han Empire (206 B.C.–A.D. 220) 383
### Part VI: Early States in the Americas

#### Chapter 15: Lowland Mesoamerica

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mesoamerica</td>
<td>400</td>
</tr>
<tr>
<td>Village Farmers (c. 7000–2000 B.C.)</td>
<td>402</td>
</tr>
<tr>
<td>Preclassic: The Olmec (1500–500 B.C.)</td>
<td>404</td>
</tr>
<tr>
<td>Preclassic Maya Civilization (before 1000 B.C.–A.D. 200)</td>
<td>408</td>
</tr>
<tr>
<td>Origins: Cuello (c. 1200–400 B.C.)</td>
<td>408</td>
</tr>
<tr>
<td>San Bartolo, Nakté, and El Mirador (c. 1000–300 B.C.)</td>
<td>409</td>
</tr>
<tr>
<td>Early Maya Kingship: Cerros (50 B.C.–A.D. 150)</td>
<td>411</td>
</tr>
<tr>
<td>Discoveries: The Maya Calendar</td>
<td>412</td>
</tr>
<tr>
<td>The Maya Calendar and Script</td>
<td>413</td>
</tr>
<tr>
<td>Voices: The Decipherment of Maya Script</td>
<td>414</td>
</tr>
<tr>
<td>Water Management</td>
<td>416</td>
</tr>
<tr>
<td>Classic Maya Civilization (A.D. 200–900)</td>
<td>417</td>
</tr>
<tr>
<td>Political Organization and Political History</td>
<td>417</td>
</tr>
<tr>
<td>The Rise of Tikal (c. 200 B.C.–A.D. 900)</td>
<td>419</td>
</tr>
<tr>
<td>Calakmul and Caracol (preclassic times–A.D. 800)</td>
<td>422</td>
</tr>
<tr>
<td>Palenque (A.D. 431–799)</td>
<td>423</td>
</tr>
<tr>
<td>Discoveries: The Lord Pacal</td>
<td>425</td>
</tr>
</tbody>
</table>
Contents

Copán (before A.D. 435–800) 426

SITES
Architecture as a Political Statement: The Hieroglyphic Stairway at Copán, Honduras 428
The Ninth-Century Collapse 429
Postclassic Maya Civilization (A.D. 900–1517) 432
Summary 434

CHAPTER 16

HIGHLAND MESOAMERICA 435

The Rise of Highland Civilization (2000–500 B.C.) 436
Monte Albán (900 B.C.–A.D. 750) 439
Teotihuacán (200 B.C.–A.D. 750) 441
The City 441
DISCOVERIES
Life in Teotihuacán’s Barrios 445
The Center of the World 445
Collapse 447
The Toltecs (A.D. 650–1200) 447

Tula 448

The Rise of Aztec Civilization (A.D. 1200–1519) 450
Tenochtitlán (A.D. 1487–1519) 451
The World of the Fifth Sun 453
DISCOVERIES
Aztec Human Sacrifice 454
The Aztec State 455

The Spanish Conquest (A.D. 1517–1521) 457

VOICES
The Spanish Conquest through Aztec Eyes 458
Summary 459

CHAPTER 17

THE FOUNDATIONS OF ANDEAN CIVILIZATION 460

The Andean World: Poles of Civilization 461
The Preceramic Period (3000–1800 B.C.) 465
The Coast 465
The Highlands 465
CHAPTER 18

Andean States (200 B.C.–A.D. 1534) 481

The Early Intermediate Period (200 B.C.–A.D. 600) 483

North Coast: Moche Civilization (A.D. 100–700) 484

Moche Origins 484
Public Works 485
Moche Domains 486
Warrior-Priests: Royal Burials 486
Discoveries The Lords of Sipán 488
Sites Moche Burials at Dos Cabezas 489
Moche Metallurgy 490
Moche Society 490
Collapse 491

Southern Pole: Nazca (200 B.C.–c. A.D. 700) 491

The Nazca Lines 492

The Middle Horizon: The First Highland States (A.D. 600–1000) 493

Tiwanaku (A.D. 200–1000) 493
Wari (A.D. 500–750) 495

The Late Intermediate Period (A.D. 900–1400) 496

Chimor—The Chimú State (A.D. 1100–1400) 497

The Late Horizon: The Inka Empire (A.D. 1476–1534) 500