**PURDUE UNIVERSITY**
REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF AN UNDERGRADUATE COURSE (10000-40000 LEVEL)

**DEPARTMENT:** Manufacturing & Construction Engineering Technology and Interdisciplinary Programs  
**EFFECTIVE SESSION:** Fall 2013

**INSTRUCTIONS:** Please check the items below which describe the purpose of this request.

<table>
<thead>
<tr>
<th>PROPOSED:</th>
<th>EXISTING:</th>
<th>TERMS OFFERED</th>
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<tbody>
<tr>
<td>Subject Abbreviation: ARET</td>
<td>Subject Abbreviation</td>
<td>Check All That Apply:</td>
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<tr>
<td>Course Number</td>
<td>Course Number</td>
<td>Fall</td>
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<tr>
<td>Long Title: Architecture and Urban Form</td>
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<tr>
<td>Short Title: Architecture and Urban Form</td>
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**Abbreviated title will be entered by the Office of the Registrar if omitted. (30 CHARACTERS ONLY.)**

**CREDIT TYPE:**

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**Course Description:**

ARET 21000 Architecture and Urban Form, No Prerequisites  
Study of the forces that shape the built environment: theories of design, design principles, historic styles, topography, structure, materials, as well as political, social, cultural influences, and sustainability concepts.  

*COURSE LEARNING OUTCOMES:*
IPFW General Education Learning Outcomes: 1.7, 2.7, 3.2, 5.1, 5.6, 5.1, 6.4

**Colleges Department Head**

**Fort Wayne Department Head**

**Indianapolis Department Head**

**North Central Faculty Senate Chair**

**West Lafayette Department Head**  
**Print Form:**
MCET Department
Architectural Engineering Technology

Semester: __________________ Section: __________

ARET 21000--Architecture & Urban Form

3 Credit Hours - Course Number: __________

General Education Course: Interdisciplinary Ways of Knowing

COURSE DESCRIPTION:

Study of the forces that shape the built environment: theories of design, design principles, historic styles, topography, structure, materials, including political, social, cultural influences, and sustainability.

Instructor:

Office Hours:

Contact Information:
phone:
e-mail:

MCET Department Administrative Assistant:
260.481.4127

MEETING TIME:

CLASSROOM:

PREREQUISITES: There are NO prerequisites for this course.

OPTIONAL TEXTBOOK: “The Story of Architecture” by Jonathan Glancey
Dorling Kindersley Publishing, 2000
375 Hudson Street
New York, New York 10014


PRINTED MATERIALS: Printed materials shall be introduced in class throughout the course.
Students shall be accountable for the material that is included in the handouts during the course of the semester. The printed materials do not relieve the student’s obligation for attendance and good note taking during class. Both Vocabulary and Miscellaneous Handout Materials shall be provided by the Instructor periodically to supplement the lectures.

CLASS PROTOCOL AND STUDENT BEHAVIOR: Every student is expected and required to abide by the rules outlined in this syllabus and the university student manual. It is important to practice good manners and decorum out of respect for fellow students and the instructor. The following items are very important and they need to be read, understood and accepted by each student if they expect to be a part this class and expect to pass.

1. **Talking** and **chatter** between or among **fellow students during a lecture shall not be tolerated** and can result in expulsion from the class. This rule is primarily enforced for the benefit of the fellow students.

2. **Text messaging**, use of **cell phones** and the use of **any form of electronic communication devices** during class are **absolutely forbidden**. Disciplinary measures will be taken if this rule is not observed. Any student who disagrees with this rule is strongly urged to **drop this class immediately**.

3. The use of **laptop computers** during class for any reason is **absolutely forbidden**. All laptop computers shall be turned off and put away during the lecture period. All notes taking shall be done manually unless the Director of Services for Students with Disabilities grants special permission. Any student who disagrees with this rule is strongly urged to **drop this class immediately**.

COURSE GOALS:

1. Students shall become familiar with the historical, cultural, aesthetic and technical developments of Western Civilization’s architecture from prehistory to the classical periods.

2. Students shall cultivate a visual awareness and appreciation for architecture within their built environment.

3. Students shall acquire a working knowledge of vocabulary terms used in architecture, interior design, engineering, design and art.

4. Students shall become better and more intelligent consumers with regard to building and design.

5. Students shall engage in critical and analytical thinking when experiencing the architecture and urban form that they live in.

6. Students shall be encouraged to question the material discussed in class and to openly express their response to these ideas and concepts.

7. Students shall work on graphic communication skills and presentation utilizing photographs, and PowerPoint software to effectively present their final group presentations in class.

8. Students shall learn to work with other students in the context of a small group dynamic and verbally articulate their work.

ATTENDANCE: Students are encouraged to attend EVERY scheduled class meetings. All unexcused missed classes, including late arrivals or early leaving, may count for a deduction of 1% against your final grade for each occurrence. Excused absences are those allowed by the instructor. Students are responsible to sign the attendance sheet when provided for class. Therefore **excused absences are very important**. Missed examinations shall result in a grade of zero (0) for the exam missed. Attendance may be taken at the beginning of each class so please be punctual to class.

The information that will be found on all of the exams shall be derived from the class lectures, the textbook, class discussions, class video presentations, and class handouts. Therefore **attendance is important**.
BEHAVIOR: Generally stated in the Student Handbook and specifically for this course the following
Behavior is NOT ACCEPTABLE:
1. Absences (Without permission from the Instructor)
2. Late Arrival to Class (Without permission from the Instructor -- Early departure from class without
   permission shall be recorded as an absence from class.)
3. Early Departure from Class (Without permission from the Instructor shall be recorded as an
   absence)
4. Talking Among Students Once Class Has Commenced
5. Doing Unrelated Work in Class
6. Using Your Lap Top Computer, Cell Phone or Text Messaging during Class (See Class Protocol
   and Student Behavior Paragraph)

REGULAR EXAMINATIONS/TESTS: The format for a regular examination or test may include any or all
of the following standard test formats:
1. Multiple Choice
2. True or False
3. Short Answer
4. Matching

GRADING PERCENTAGE BREAKDOWN:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage Range</th>
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<tbody>
<tr>
<td>A+</td>
<td>97% - 100%</td>
</tr>
<tr>
<td>A</td>
<td>93% - 96%</td>
</tr>
<tr>
<td>A-</td>
<td>90% - 92%</td>
</tr>
<tr>
<td>B+</td>
<td>87% - 89%</td>
</tr>
<tr>
<td>B</td>
<td>83% - 86%</td>
</tr>
<tr>
<td>B-</td>
<td>80% - 82%</td>
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<tr>
<td>C+</td>
<td>77% - 79%</td>
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<tr>
<td>C</td>
<td>73% - 76%</td>
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<tr>
<td>C-</td>
<td>70% - 72%</td>
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<tr>
<td>D+</td>
<td>67% - 69%</td>
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<tr>
<td>D</td>
<td>63% - 66%</td>
</tr>
<tr>
<td>D-</td>
<td>60% - 62%</td>
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<tr>
<td>F</td>
<td>59% and less</td>
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GRADING CRITERIA:
1. Grading for this class shall be determined on an accumulated point basis. The total points for
   each test, quizzes and final presentation shall be converted into a percentage score.
2. The activities of cheating, plagiarism, collecting tests or sharing test questions are all grounds
   for failure of the course with a grade of zero.
3. There shall be a minimum of three (3) regular tests or exams. The third (3rd) or the final
   regular written exam shall be given a minimum of one class period prior to final exam week.
   The final exam shall consist of a formal presentation by each of the student groups delivered
   during the final exam period. The written exams shall account for approximately 85% of
   your class grade. The final student group presentation shall account for 15% of your final
   grade.
4. The final presentation (Class Project Requirement) may be a group project. It shall be
   described in greater detail under separate cover and in class.
5. Extra Credit: There may be opportunities for extra credit. These opportunities shall be
   described in greater detail under separate cover. Extra credit shall be given on the basis of
   adding 1% to the student’s final grade per each extra credit opportunity. Pop quiz exams
   may be given by the instructor for which the students will not be penalized but can acquire
   extra credit if the pop quiz is passed. There will be no make-up opportunities for pop
   quizzes.

MAKE-UP EXAMINATIONS/TESTS: A missed examination or test may only be made up if special
arrangements have been made with the instructor PRIOR to the execution of the test.
FINAL EXAM:
Date:
Location:
Time:
Format:

WEATHER AND SICKNESS: It is important to use common sense when faced with bad weather conditions or when becoming ill.

Call the MCET Department (260) 481-4127 or leave a message at my office (260) 424-5942 if you suspect that you will need to miss class. A message may be left at either location for my attention. The student may also leave me an email at my office at the following address:

Note that any emails must predate and time the commencement of the class being missed.
If you know that you will be absent from class, asks a classmate to take notes and obtain handouts for you. Record your partner’s name and a way to contact her or him.

Study Partner: ________________________________

Phone or E-mail Address: _________________________

STUDENT GROUP PROJECT (FINAL EXAMINATION) PROJECT: The final exam may be in the form of a photographic presentation. The class may be divided into small groups of three or four students. Each group or individual shall present their project to the class during the final exam period. A complete description of the project requirements shall be provided under separate cover. Exceptions for a written final exam may be granted at the instructor’s discretion; however, it is highly discouraged. Attendance for the final exam is mandatory. Failure to attend the final exam without authorized permission from the instructor shall result in a failing grade for the final exam. The presentations may involve outside guest critics and subsequently the critique sessions following each presentation have pushed the overall timeframe approximately 30 minutes beyond the 2-hour time frame allotment for the final exam period. If any student foresees a conflict with this possibility they are asked to communicate their situation to the instructor a minimum of two weeks prior to the exam so that the instructor can attempt to accommodate that individual’s schedule. If any student is still uncomfortable with this option then they are strongly urged to drop this class.

DISABILITIES STATEMENT: If you have a disability and need assistance, special arrangements can be made to accommodate most needs. Contact the Director of Services for Students with Disabilities (Walb Memorial Building, Room 113, telephone number 481-6658), as soon as possible to work out the details. Once the Director has provided you with a letter attesting to your needs for modification, bring the letter to the instructor. For more information, please visit the web site for SSD at http://www.ipfw.edu/ssd/

IPFW/PARKVIEW STUDENT ASSISTANCE PROGRAM: IPFW and the Department of Manufacturing & Construction Engineering Technology and Interior Design (MCET) recognize that personal problems can sometimes interfere with a student’s ability to progress in his/her academic program. To help students address such problems IPFW makes free personal counseling services available in Walb Memorial Union Room 210. To schedule an appointment with an IPFW/Parkview Student Assistance Program (SAP) counselor call 373-8060.

EXTRA CREDIT: Information regarding opportunities for extra credit shall be provided under separate cover.
SOME FINAL TIPS FOR SUCCESS:

1. **Participation**: Be an active listener. Take good notes. Ask questions. State your opinion. Be open to alternative ideals. Be prepared to question your judgments and change your opinions.

2. **Respect**: In this course, you will discover some of the amazing varieties in the ways human beings live and express themselves. Make an effort to appreciate and understand differences in people and cultures.

3. **CLASS LECTURE SCHEDULE**: TO BE PROVIDED UNDER SEPARATE COVER

### General Education Course Learning Outcomes

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<thead>
<tr>
<th>OUTCOME</th>
<th>ASSESSMENT YEAR</th>
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<tr>
<td>1.7 Demonstrate proficiency in reading, evaluating, analyzing, and using material collected from electronic sources (such as visual, electronic, library databases, Internet sources, other official databases, federal government databases, reputable blogs, wikis, etc.).</td>
<td>2013</td>
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<td>2.7 Summarize or paraphrase an oral message to demonstrate comprehension.</td>
<td>2014</td>
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<td>3.2 Represent information/data in mathematical form as appropriate (e.g. with functions, equations, graphs, diagrams, tables, words, geometric figures).</td>
<td>2015</td>
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<td>5.1 Demonstrate knowledge of major concepts, theoretical perspectives, empirical patterns, or historical contexts within a given social or behavioral domain.</td>
<td>2016</td>
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<tr>
<td>5.6 Identify examples of how social, behavioral, or historical knowledge informs and can shape personal, ethical, civic, or global decisions and responsibilities.</td>
<td>2017</td>
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<tr>
<td>6.1 Recognize and describe humanistic, historical, or artistic works or problems and patterns of the human experience.</td>
<td>2018</td>
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<tr>
<td>6.4 Analyze the concepts and principles of various types of humanistic or artistic expression.</td>
<td>2019</td>
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TAC / ABET Program Outcomes

ARET 21000, ARCHITECTURE AND URBAN FORM
In accordance with our accrediting agency ABET the Engineering Technology General Criteria items given below are identified as they relate to this course and are listed below with their accompanying rationale.

1. **Gen_a- Appropriate mastery of the knowledge, techniques, skills & modern tools of their disciplines.**
   
   DIRECT MEASURE – by means of written examinations
   Aside from acquiring a broad knowledge of history related to the study of what man has built emphasis is also placed on mastering a working vocabulary specifically designed to communicate with professionals in architecture, engineering and design.

2. **Gen_c- An ability to function effectively on teams**

   DIRECT MEASURE – by means of the final “team” presentations
   In lieu of a written final exam for this course students are required to create a power point presentation as members of a small team which consists of 4 students per team. The teams are required to research and photograph building styles, building details, design themes and a variety of architectural motifs. Project requirements are outlined in a “final project” syllabus. The project is designed to focus on instilling teamwork, organization skills, presentation technique and an overall awareness of the built and natural environment.

**STUDENT WORK:**
**Retention of student work for accreditation purposes:** Student work may be retained and stored for future program assessment for accreditation purposes only. This includes copies of examinations, quizzes and extra credit work.

Enrollment in the course implies permission for IPFW to retain student work unless otherwise notified in writing. Students are responsible for keeping personal digital copies of work developed on the computer, or for photographing hard copy work for portfolio purposes.