




MEMORANDUM

FINAL FACULTY SENATE APPROVAL ON 04/12/2016

TO: Faculty Senate

FROM: Jack Kirby 

DATE: February 26, 2016

SUBJECT: Curriculum Proposal #15-16-05, REV #2
New Architecture Courses for Program Electives

I recommend approval of the attached REVISION #2 Curriculum Proposal 15-16-05. This proposal adds new courses and courses previously offered to the program's elective list.


C: Dr. Christina Lavorata
Dr. Don Trisel
Dr. Philip Freeman
Ms. Leslie Lovett
Ms. Cheri Gonzalez
Dr. Shayne Gervais





MEMORANDUM

TO: Curriculum Committee

FROM: Jack Kirby 

DATE: February 5, 2016

SUBJECT: Curriculum Proposal #15-16-05, REV #1
New Architecture Courses for Program Electives

I recommend approval of the attached REVISION #1 Curriculum Proposal 15-16-05. This proposal adds new courses and courses previously offered to the program's elective list.

C: Dr. Christina Lavorata
Dr. Don Trisel
Dr. Philip Freeman
Ms. Leslie Lovett
Ms. Cheri Gonzalez
Dr. Shayne Gervais





MEMORANDUM

TO: Curriculum Committee

FROM: Jack Kirby *JK*

DATE: November 6, 2015

SUBJECT: Curriculum Proposal #15-16-05
New Architecture Courses for Program Electives

I recommend approval of the attached Curriculum Proposal 15-16-05. This proposal adds new courses and courses previously offered to the program's elective list.

C: Dr. Christina Lavorata
Dr. Don Trisel
Dr. Philip Freeman
Ms. Leslie Lovett
Ms. Cheri Gonzalez
Mr. Shayne Gervais



CURRICULUM PROPOSAL (Submit one hard copy and an electronic copy to the Associate Provost by the second Tuesday of the month.)

Proposal Number: 15-16-05
School/Department/Program: College of Science and Technology, Department of
Technology/Master of Architecture
Preparer/Contact Person: Philip Freeman
Telephone Extension: 304.367.4237
Date Originally Submitted: November 2, 2015
**Revision (Indicate date and label it
Revision #1, #2, etc.):** Revision 2: Feb 23, 2016
Implementation Date Requested: Fall 2016

- I. **PROPOSAL.** Write a brief abstract, not exceeding 100 words, which describes the overall content of the proposal.

The B.S Architecture program requires graduates to complete 19 hours of program elective courses. The program seeks approval to include new courses and courses previously offered as ARCH 3399 to the program's elective list. These courses (as listed below) will afford students the opportunity to develop a concentration of knowledge and skills for professional success.

Two (2) of the courses provide credit for participation in our Community Design Assistance Center (CDAC) and are similar but sequential, the courses would be repeatable; Two (2) of the courses provide credit for participation in an internship setting augmented by academic assessment; One (1) course provides credit for a Travel/Study program, and would be repeatable; and One (1) course establishes a Sustainable Design seminar. The CDAC, Sustainable Design, and Travel Study courses have previously been offered under the ARCH xx99 umbrella and the program would like to formalize these courses with regular offerings now.

- II. **DESCRIPTION OF THE PROPOSAL.** Provide a response for each letter, A-H, and for each Roman Numeral II–V. If any section does not apply to your proposal, reply N/A.

- A. Deletion of course(s) or credit(s) from program(s)

Total hours deleted. Not Applicable

- B. Addition of course(s) or credit(s) from program(s)

ARCH 3001 Community Design Assistance Center
ARCH 4001 Community Design Assistance Center-Management
ARCH 3080 Architectural Practice Program I
ARCH 4080 Architectural Practice Program II
ARCH 3010 Sustainable Design
ARCH 3085 Architecture Study + Travel

Total hours added. Hours not added- these hours apply to
the fulfillment of program electives.

- C. Provision for interchangeable use of course(s) with program(s)

Not Applicable

- D. Revision of course content. Include, as an appendix, a revised course description, written in complete sentences, suitable for use in the university catalog.

Not Applicable

- E. Other changes to existing courses such as changes to title, course number, and elective or required status.

Not Applicable

- F. Creation of new course(s). For each new course

1. Designate the course number, title, units of credit, prerequisites (if any), ownership (FSU or shared) and specify its status as an elective or required course. If you are creating a shared course, attach a memo from the Deans of the affected Schools explaining the rationale for the course being shared.

ARCH 3001	Community Design Assistance Center	Instructor Approval	3 hrs,	Elective	FSU
ARCH 4001	Community Design Assistance Center-Management	Instructor Approval	3 hrs,	Elective	FSU
ARCH 3080	Architectural Practice Program I	Instructor Approval	1-3 hrs,	Elective	FSU
ARCH 4080	Architectural Practice Program II	Instructor Approval	1-3 hrs,	Elective	FSU
ARCH 3010	Sustainable Design	Junior Standing	3 hrs,	Elective	FSU
ARCH 3085	Architecture Study + Travel	PR ARCH 2000	3 hrs,	Elective	FSU

2. Include, as an appendix, a course description, written in complete sentences, suitable for use in the college catalog.

See Attached

3. Include, as an appendix, a detailed course outline consisting of at least two levels.

See Attached

4. In order to meet the requirements as outlined in Goal One of the Strategic Plan, please include Outcome Competencies and Methods of Assessment as an appendix. Examples are available upon request from the Chair of the Curriculum Committee.

Included with detailed course descriptions, see Appendix B

- G. Attach an itemized summary of the present program(s) affected, if any, and of the proposed change(s).

Describe how this proposal affects the hours needed to complete this program. Specifically, what is the net gain or loss in hours? Use the format for Current and Proposed Programs in Appendix A.

Does not affect or change program or hours required – only formalizes elective offerings.

III. RATIONALE FOR THE PROPOSAL.

- A. **Quantitative Assessment:** Indicate the types of assessment data, i.e., surveys, interviews, capstone courses, projects, licensure exams, nationally-normed tests, locally developed measurements, accreditation reports, etc., that were collected and analyzed to determine that curricular changes were warranted. Quantitative data is preferred.

ARCH 3399(3001/4001) Community Design Assistance has been offered for seven semesters as a co-op program with design teams of 4-6 students per semester working with various community groups. Students have developed design concepts for, and given presentations to university, city, and non-profits groups. The course responds to the NAAB Perspectives A – Collaboration and Leadership, B - Design, C – Professional Opportunity, and E – Community and Social Responsibility.

ARCH 3399(3010) Sustainable Design has been offered for two semesters with an enrollment of 12-15 students. The course responds to the NAAB Perspective D. Stewardship for the Environment. Students are prepared to sit for the US Green Building Council - Green Associate exam upon completion of the course.

ARCH 3399(3085) Architecture Study+Travel has been offered for four semesters as a collaboration with HONR 3301 Study + Travel, with an enrollment of 12-15 students. Students give oral presentations, and submit a journal and sketchbook upon completion of the travel abroad. The course responds to the NAAB Student Performance Criteria A.7 – History and Global Culture.

ARCH 3080/4080 Architecture Practice Program I, II have not yet been offered. The courses responds to the NAAB Perspective C Professional Opportunity. On-site assessment will occur through participation in the National Council of Architectural Registration Boards - Intern Development Program, a quantitative program consisting of 17 categories of professional activities.

- B. **Qualitative Assessment:** Based upon the assessment data above, indicate why a curricular change is justified. Indicate the expected results of the change. Be sure to include an estimate of the increased cost, or reduction in cost of implementation. FOR EXAMPLE: Will new faculty, facilities, equipment, or library materials be required?

The inclusion of these elective courses will provide students with opportunities of specific focus in areas of design theory and architectural practice, thereby better preparing them for entrance and success in graduate studies and professional practice upon completion of the degree program. Given the mission of the architecture program, and that some of the courses have already been offered as special topics electives, there will be no significant changes to the program.

- IV. Should this proposal affect any course or program in another school, a memo must be sent to the Dean of each school impacted and a copy of the memo(s) must be included with this proposal. In addition, the Deans of the affected schools must sign below to indicate their notification of this proposal.

By signing here, you are indicating your college's/school's notification of this proposal.

College/School	Dean	Signature

It
 ot affect other courses or other programs

- V. Should this proposal affect any course to be added or deleted from the general studies requirements, a memo from the chair of the General Studies Committee indicating approval of the change must be included with this proposal.

Not Applicable

- VI. ADDITIONAL COMMENTS. Not Applicable

Appendix A

Catalog Course Descriptions

Proposed Bachelor of Science in Architecture Program Electives

ARCH 3001 Community Design Assistance Center

3 hrs

Course Description:

The Community Design Assistance Center is the outreach arm of the Architecture program. Focusing on projects within the small city context, student interns facilitate design and planning assistance for non-profit community organizations and groups. Repeatable
PR: Instructor Approval

ARCH 3010 Sustainable Design

3 hrs

Course Description:

This course presents a sustainable approach to architecture considering social and economic issues; resource conservation through design of site, building envelope, and the building systems.
PR: Junior Standing

ARCH 3080 Architectural Practice Program I

1-3 hrs

Course Description:

This course offers students the opportunity for selected practical experience intermingled with an academic background. Students participate in the NCARB intern development program (IDP), working in a professional setting. Students meet with faculty to develop and assess progress toward completing the established learning goals. Repeatable
PR: Instructor Approval

ARCH 3085 Architecture Study + Travel

3 hrs

Course Description:

Architecture Study + Travel course offers students study in one of the world's great cities. The course's main objective is to facilitate a student's interconnections with architectural design, sustainability, and architectural history that have contributed to the life and culture of the city. This course will allow students to better understand the influence of the past on the present, and ponder on the evolving future. In the classroom, students will study the history and culture of the region. In the field, they will visit important architecture, museums and historic sites. This course seeks to develop skills students will need in order to explore cultures and civilizations outside their own and encourage teamwork as they explore.
Repeatable
PR: Instructor Approval

ARCH 4001 Community Design Assistance Center-Management

3 hrs

Course Description:

This course is a continuation of ARCH 3001. The Community Design Assistance Center is the outreach arm of the Architecture program. Focusing on projects within the small city context, student interns facilitate design and planning assistance for non-profit community organizations and groups. Student interns share an expanded role in project management and leadership. Repeatable
PR: ARCH 3001 and Instructor Approval

ARCH 4080 Architectural Practice Program II

1-3 hrs

Course Description:

This course offers students the opportunity for selected practical experience intermingled with an academic background. Students participate in the NCARB intern development program (IDP), working in a professional setting. Students meet with faculty to develop and assess progress toward completing the established learning goals. Repeatable
PR: ARCH 3080 and Instructor Approval

Appendix B

Detailed Course Descriptions

Number and Title of Course:
ARCH 3001 Community Design Assistance Center

3 hrs

Course Description:

The Community Design Assistance Center is the outreach arm of the Architecture program. Focusing on projects within the small city context, student interns provide design and planning assistance for non-profit community organizations and groups.

Course Goals:

- To Introduce the professional practice of design through a co-op experience.
- To Respond to community needs through design.
- To Apply the principles of design and planning to actual projects.

Course Objectives:

Upon completion of the semester, students should:

- **Explain the fundamentals of the designer client relationship.**
 - Conceptual Design, Design Presentation, Client Coordination.
 - *Assessed through Design Development drawings and models*
- **Demonstrate architectural ideas through conventional two-dimensional media, computer graphics.**
 - Representation of the client's needs and vision as developed through the design process.
 - *Assessed through 2-D line drawings, Computer Graphics, Digital Models*
- **Design presentation materials for community projects**
 - Materials used to convey design ideas to various audiences.
 - *Assessed through presentations of analog and digital media.*

Student Performance Criterion/addressed (NAAB):

A.1. Communication Skills A.2. Design Thinking Skills
A.3. Visual Communication Skills C.1 Collaboration
C.3 Client Role in Architecture C.9 Community and Social Responsibility

Topical Outline (estimate of time in course spent in each subject area):

Client and Project Coordination (25%) Project Management (25%)
Artifact Production (50%)

Assessment Artifact Production, Oral and Graphic Presentation, NCARB IDP participation

Grading Scale: A = 90 - 100 B = 80 - 89 C = 70 - 79 D = 60 - 69 F = Below 60

- "A" work is considered superior, among the best produced at this institution
- "B" work is considered above average
- "C" work is average, typical with fulfilling the basic requirements without additional initiative, effort, or exploration.
- "D" work is below average and is typical of partially fulfilling the basic requirements
- "F" work is considered failing, thus failing to satisfy the requirements of a project or the course.

Prerequisites:

Instructor Approval

Textbooks/Learning Resources:

As needed – On reserve

Offered (semester and year)

Fall/Spring, Annually

Faculty Assigned (list all faculty assigned during the two academic years prior to the visit) (ARCH 3399)

Philip M Freeman, AIA, NCARB,
Associate Professor of Architecture

Number and Title of Course:

ARCH 4001 Community Design Assistance Center-Management,

3 hrs

Course Description:

This Course is a continuation of ARCH 3001. The Community Design Assistance Center is the outreach arm of the Architecture program. Focusing on projects within the small city context, student interns take on project leadership roles in design and planning assistance for non-profit community organizations and groups.

Course Goals:

- To Introduce the professional practice of design through a co-op experience.
- To Respond to community needs through design.
- To Apply the principles of design and planning to actual projects.

Course Objectives:

Upon completion of the semester, students should:

- **Explain the fundamentals of the designer client relationship.**
 - Conceptual Design, Design Presentation, Client Coordination.
 - *Assessed through Design Development drawings and models*
- **Be able to demonstrate architectural ideas through conventional two-dimensional media, computer graphics.**
 - Representation of the client's needs and vision as developed through the design process.
 - *2-D Assessed through 2-D line drawings, Computer Graphics, Digital Models*
- **Design presentation materials for community projects**
 - Materials used to convey design ideas to various audiences.
 - *Assessed through presentations of analog and digital media.*
- **Apply fundamental project team leadership skills**
 - Communicate design ideas and scope to project design team members
 - *Assessed through project journals, and supervisor evaluation.*

Student Performance Criterion/addressed (NAAB):

A.1. Communication Skills	A.2. Design Thinking Skills
A.3. Visual Communication Skills	C.1 Collaboration
C.3 Client Role in Architecture	C.9 Community and Social Responsibility

Topical Outline (estimate of time in course spent in each subject area):

Client and Project Coordination (25%) Project Management (25%)
Artifact Production (50%)

Assessment Artifact Production, Oral and Graphic Presentation, NCARB IDP participation

Grading Scale: A = 90 - 100 B = 80 - 89 C = 70 - 79 D = 60 - 69 F = Below 60

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"F" work is considered failing, thus failing to satisfy the requirements of a project or the course.

Prerequisites:

Instructor Approval, ARCH 3001

Textbooks/Learning Resources:

As needed – On reserve

Offered (semester and year)

Fall/Spring, Annually

Faculty Assigned (list all faculty assigned during the two academic years prior to the visit) (ARCH 5599)

Philip M Freeman, AIA, NCARB,
Associate Professor of Architecture

Number and Title of Course:
ARCH 3080 Architectural Practice Program I

1-3 hrs

Course Description:

This course offers students the opportunity for selected practical experience intermingled with an academic background. Students participate in the NCARB intern development program (IDP), working in a professional setting. Students meet with faculty to develop and assess progress toward completing the established learning goals.

Course Goals:

- To Introduce the professional practice of architecture through an internship experience.
- To Apply skills learned in the classroom to a professional architectural office setting.
- To Compare knowledge gained in the academic setting to the requirements of a being an architect.
- To Prepare for the process of architectural licensure by working under the supervision of a registered architect.

Course Objectives:

Upon completion of the semester, students should:

- **Explain the fundamentals of working in a professional architectural office setting.**
 - Professional duties, behavior, and ethics.
 - *Assessed through supervisor's written evaluation of professional performance.*
- **Apply current knowledge, theory, and judgment in relation to actual architectural projects.**
 - Utilize the full range of architectural knowledge and skills gained thus far.
 - *Assessed through supervisor's written evaluation of project development, and delivery.*
- **Assess how academic knowledge and skills are utilized in the office setting.**
 - Compare academic requirements with skills utilized in the profession office.
 - *Assessed through supervisor's written evaluation of deliverables*
- **Prepare for licensure by establishing or continuing an Internship Development Program (IDP) record.**
 - Document experience in (4) four categories: *pre-design, design, project management, or practice.*
 - *Assessed through NCARB approval of record submittal.*

Student Performance Criterion/addressed [will vary with each particular internship] (NAAB):

A.1. Communication Skills	A.2. Design Thinking Skills	A.3. Visual Communication Skills
A.4. Technical Documentation	A.5. Investigative Skills	A.6. Fundamental Design Skills
B.1. Pre-Design	B.2. Accessibility	B.3. Sustainability
B.4. Site Design	B.5. Life Safety	B.7. Financial Considerations
B.12. Building Materials and Assemblies	C.1. Collaboration	C.4. Client Management
C.5. Practice Management	C.8. Ethics & Prof. Judgment	

Topical Outline (estimate of time in course spent in each subject area):

Experience in the full range of duties required in a professional architectural office and/or in specific areas of concentration as dictated by a particular offices' needs during the internship period. (85%) Academic assessment (15%)

Assessment On-Site Supervisor Evaluation, NCARB IDP participation

Grading Scale: A = 90 - 100 B = 80 - 89 C = 70 - 79 D = 60 - 69 F = Below 60

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"C" work is average, typical with fulfilling the basic requirements without additional initiative, effort, or exploration.

"D" work is below average and is typical of partially fulfilling the basic requirements

"F" work is considered failing, thus failing to satisfy the requirements of a project or the course.

Prerequisites:

Instructor Approval

Textbooks/Learning Resources:

As needed – as particular topics arise in discussions with faculty.

Offered (semester and year) Fall/Spring/Summer, Annually

Faculty Assigned (list all faculty assigned during the two academic years prior to the visit)

New course, Not yet offered

Number and Title of Course:
ARCH 4080 Architectural Practice Program II

1-3 hrs

Course Description:

This course offers students the opportunity for selected practical experience intermingled with an academic background. Students participate in the NCARB intern development program (IDP), working in a professional setting. Students meet with faculty to develop and assess progress toward completing the established learning goals.

Course Goals:

- To Introduce the professional practice of architecture through an internship experience.
- To Apply skills learned in the classroom to a professional architectural office setting.
- To Compare knowledge gained in the academic setting to the requirements of a being an architect.
- To Prepare for the process of architectural licensure by working under the supervision of a registered architect.

Course Objectives:

Upon completion of the semester, students should:

- **Explain the fundamentals of working in a professional architectural office setting.**
 - Professional duties, behavior, and ethics.
 - *Assessed through supervisor's written evaluation of professional performance.*
- **Apply current knowledge, theory, and judgment in relation to actual architectural projects.**
 - Utilize the full range of architectural knowledge and skills gained thus far.
 - *Assessed through supervisor's written evaluation of project development, and delivery.*
- **Assess how academic knowledge and skills are utilized in the office setting.**
 - Compare academic requirements with skills utilized in the profession office.
 - *Assessed through supervisor's written evaluation of deliverables*
- **Prepare for licensure by establishing or continuing an Internship Development Program (IDP) record.**
 - Document experience in (4) four categories.
 - *Assessed through NCARB approval of record submittal.*

Student Performance Criterion/addressed [will vary with each particular internship] (NAAB):

A.1. Communication Skills	A.2. Design Thinking Skills	A.3. Visual Communication Skills
A.4. Technical Documentation	A.5. Investigative Skills	A.6. Fundamental Design Skills
B.1. Pre-Design	B.2. Accessibility	B.3. Sustainability
B.4. Site Design	B.5. Life Safety	B.7. Financial Considerations
B.12. Building Materials and Assemblies	C.1. Collaboration	C.4. Client Management
C.5. Practice Management	C.8. Ethics & Prof. Judgment	

Topical Outline (estimate of time in course spent in each subject area):

Experience in the full range of duties required in a professional architectural office and/or in specific areas of concentration as dictated by a particular offices' needs during the internship period. (85%) Academic assessment (15%)

Assessment On-Site Supervisor Evaluation, NCARB IDP participation

Grading Scale: A = 90 - 100 B = 80 - 89 C = 70 - 79 D = 60 - 69 F = Below 60

"A" work is considered superior, among the best produced at this institution

"B" work is considered above average

"C" work is average, typical with fulfilling the basic requirements without additional initiative, effort, or exploration.

"D" work is below average and is typical of partially fulfilling the basic requirements

"F" work is considered failing, thus failing to satisfy the requirements of a project or the course.

Prerequisites:

Instructor Approval

Textbooks/Learning Resources:

As needed – as particular topics arise in discussions with faculty.

Offered (semester and year)

Fall/Spring/Summer, Annually

Faculty Assigned (list all faculty assigned during the two academic years prior to the visit)

New course, not yet offered

Number and Title of Course:

ARCH 3085 Architecture Study + Travel,

3 hrs

Course Description:

The Architecture Study + Travel course offers students study in one of the world's greatest cities. The course's main objective is to facilitate a student's interconnections with architecture, art, and history that have contributed to the life and culture of the city. This

course will allow students to better understand the influence of the past on the present, and ponder on the evolving future. In the classroom, students will study the history and culture of the region. In the field, they will visit important architecture, museums and historic sites, and learn to navigate through an environment that is foreign to them. This course seeks to develop skills students will need in order to explore cultures and civilizations outside their own and encourage teamwork as they explore.

Course Goals:

- To introduce the students to the global diversity of architecture, art, and history.
- To make students aware of the ecological, technological, social, and cultural global condition.
- To experience architecture and the urban fabric.

Course Objectives:

Upon completion of the semester, students should:

- **Discuss and explain how history, culture, architecture and diversity affect the life of the city.**
 - Selected Topical Readings
 - *Assessed through group discussions, written reflections and Individual presentations pre and post trip.*
- **Apply the virtues of personal integrity and teamwork as they prepare and travel**
 - Study and Travel exploring the conditions, history and global culture of the city.
 - *Assessed through group discussions and travel.*
- **Analyze, compare and evaluate works of architecture that they experience in the city.**
 - Sketchbook and Journal.
 - *Assessed through: graphic and written analysis and representation of works of architecture.*

Student Performance Criterion/addressed (NAAB):

A.9. Historical Traditions and Global Diversity

A.10. Cultural Diversity

Topical Outline (estimate of time in course spent in each subject area):

Research and Discussion (30%) Topical Presentation (30%)

Travel (40%)

Assessment Oral Presentation, Written Reflection, Journal, Sketchbook

Grading Scale: A = 90 - 100 B = 80 - 89 C = 70 - 79 D = 60 - 69 F = Below 60

"A" work is considered superior, among the best produced at this institution

"B" work is considered above average

"C" work is average, typical with fulfilling the basic requirements without additional initiative, effort, or exploration.

"D" work is below average and is typical of partially fulfilling the basic requirements

"F" work is considered failing, thus failing to satisfy the requirements of a project or the course.

Prerequisites:

Instructor Approval, ARCH 2000

Textbooks/Learning Resources:

As needed – On reserve

Offered (semester and year)

Spring, Annually

Faculty Assigned (list all faculty assigned during the two academic years prior to the visit) (ARCH 3399)

Philip M Freeman, AIA, NCARB, Associate Professor of Architecture

Robert Kelly, PhD, AIA, NCARB, Associate Professor of Architecture

Number and Title of Course:

ARCH 3010 Sustainable Design

3 hrs

Course Description:

This course presents a sustainable approach to architecture considering social and economic issues; resource conservation through design of site, building envelope, and the building systems.

Course Goals:

- To identify and explore sustainable principles as they relate to the role of designing the built environment.
- To prepare students to address economic, social, political, and environmental influences as they relate to sustainable design strategies.
- To prepare students to comprehend the technical aspects of design, systems, and materials and be able to apply that comprehension to architectural solutions while integrating the principles of environmental stewardship.

Course Objectives:

Upon completion of the semester, students should:

- **apply** principles that protect and preserve natural resource and create healthier environments for people
 - Selected Topical Readings and Text Book.
 - *Assessed through group discussions, written reflections, individual presentations and testing.*
- **apply** principles that guide the appropriate selection of materials and employment of resources.
 - Text Book.
 - *Assessed through written testing.*
- **discuss** the ethical, moral and economic concerns involved with informing the public discourse and influencing building design.
 - Selected Topical Readings.
 - *Assessed through group discussions, written reflections and individual presentations.*
- **apply** the principles of environmental systems' design, how design criteria can vary by geographic region, and the tools used for performance assessment.
 - Text Book.
 - *Assessed through written testing.*

Student Performance Criterion addressed (NAAB):

B.6 Environmental Systems

Topical Outline:

Sustainable Principles (50%)

Influence of Culture and Society (15%)

Theories of Sustainable Applications (35%)

Assessment Graphic Presentations, Tests and Quizzes

Grading Scale: A = 90 - 100 B = 80 - 89 C = 70 - 79 D = 60 - 69 F = Below 60

"A" work is considered superior, among the best produced at this institution

"B" work is considered above average

"C" work is average, typical with fulfilling the basic requirements without additional initiative, effort, or exploration.

"D" work is below average and is typical of partially fulfilling the basic requirements

"F" work is considered failing, thus failing to satisfy the requirements of a project or the course.

Prerequisites:

Junior Standing

Textbooks/Learning Resources:

Various readings on sustainable and environmental design

Offered:

Spring

Faculty Assigned:

Kirk L Morphew, AIA, NCARB, LEED BD+C
Professor of Architecture