Scope of Vernacular Architecture Syllabus

Course Name	Scope of Vernacular Architecture		
Course Number	50001630002	**Language**	English
Credit	1	**Hours**	17
Course Type	Professional Elective Course for Bachelor of Engineering in Architecture （4-year Program） or Bachelor of Architecture (5-year Program)	**Exam Course/No-exam Course**	No-exam Course
Prerequisite Course	None		
English Course	Yes		
Instructor	PAN Yue	**Reviewer**	ZHANG Peng

1. Course Objective and Basic Requirement

1) Brief Introduction

This is a Professional Elective Course for Bachelor of Engineering in Architecture （4- year Program）or Bachelor of Architecture (5-year Program). This course is delivered in Full English.

2) Course Objective

Objective 1: To examine the theory and application of the change of vernacular architecture, make sufficient research on the historical law of the change of vernacular architecture, scientifically distinguish the existing practices at different levels, and study the future trend of the change of vernacular architecture.

Objective 2: To master the international trends of vernacular architecture knowledge, enhance the ability and improve the comprehensive quality, and understand the original English works and texts accurately through interpretation and reading.

Objective 3: To establish a correlation domain among numerous modern ideas, perspectives, and paradigms through the stud, and to establish a preliminary understanding and interest in the thoughts and theories of design masters, theorists, and architectural historians in the field of art and architecture related to the theory and practice context of vernacular architecture before and after the Western Modern Movement.

Objective 4: To learn the preliminary critical interpretation and independent thinking, build a

new framework of value theory and conservation of vernacular architecture, identify the changing context of modern vernacular architecture, and develop a new system of theoretical paradigm and application paradigm of modern vernacular architecture. In the future career path, consciously and continuously learn from vernacular architecture, the authentic carrier of national culture gene, and transform it into the design, so as to inherit the heritage of vernacular architecture.

3) Requirements of Graduation Supported by This Course

No.	Requirement	Indicators
1	2. Analysis ability	2-1 Mastering the methods of architectural design, urban design, renewal, and conservation, and combining the constraints of concept-value judgment and rules-laws and regulations with planning and design.
2	4. Ability of research	4-1 Mastering basic theory of architecture, history of Chinese and western architecture, as well as basic knowledge of material, details and structure of architecture 4-3 Mastering regulations and laws related with architecture 4-4 Ability to analyze the history, current state and future development of city, urban areas and architecture
3	12. Ability of further learning	12-1 Ability of self-learning for further advancement of professional knowledge and skills

4) Relationship between Course Objectives and Graduation Requirements

Course Objective / Graduation Requirements	Course Objective 1	Course Objective 2	Course Objective 3	Course Objective 4
Requirement 2			●	●
Requirement 4	●	●	●	●
Requirement 12			●	●

2. Contents, Requirements, Time and Methodologies

There are three parts: Architectural knowledge, history and theories, Literature reading and professional analysis, Case study and Thesis writing.

Totally 17 hours in class and 17 hours off-class. Off-class work includes reading, case studying through observing, documenting, analyzing and paper writing.

No.	Knowledge Units	No.	Knowledge/Ability	Requirements	Supporting Objectives	Methodologies	In-class Time	Off-class Time
1	Introdution	1	What is vernacular architecture	Mastering the modern definition of vernacular architecture	1、2	Architectural knowledge	2	2
		2	Why study vernacular architecture	Mastering the purpose of vernacular architecture research				
		3	Global trends of research on vernacular architecture	Understanding the international research trends				
2	Value cognition and theory of modern vernacular architecture.	4	Vernacular architecture value cognitions in pre-modern ages	Mastering the history of vernacular architecture theory and research in pre-modern ages	1、3、4	history and theories, Literature reading and professional analysis, Case study	12	12
		5	Vernacular architecture and Modernity	Mastering the transform of vernacular architecture theory and research in modern society				
		6	Modern theory of vernacular architecture	Understanding the modern discipline methods of vernacular architecture				
3	Applications of vernacular architecture theory	7	Inheritance of Chinese and Western Vernacular Architecture	Understanding the preliminary comparison between Chinese and western vernacular architecture.	4	Literature reading and professional analysis, Case study	3	3
		8	Research on Chinese vernacular architecture	Reviewing the general situation of Chinese				

No.	Knowledge Units	No.	Knowledge/Ability	Requirements	Supporting Objectives	Methodologies	In-class Time	Off-class Time
				vernacular architecture research.				
		9	Contemporary experiments on the Chinese vernacular architecture	Analyzing the existence and inheritance of Chinese vernacular architecture				

3. Ethic Education

As the true carrier of the historical identity and cultural genes of the country, the nation and the ethnic group, the vernacular architecture has the research and reference value that can't be ignored. Through the course, it sorts out the thread of western modern vernacular architecture theory, expounds the core value of theory, condenses its influence on practice, and guides the students to be determined to protect the vernacular architecture heritage. In line with the requirements of the times, the latest knowledge and skills in related disciplines were introduced in time, and the students' growth was the center, and the research was integrated.Through lectures on architectural design, history and theory, through literature reading and professional analysis, through case study and paper writing, the students are expected to build a comprehensive understanding about the relationship between architectural design and the development for China and the society, knowing how to satisfy people's living demanding. Keep critical thinking and innovation. The students can also get inspirations from classic projects and their designers, take responsibility and work hard to achieve their own professional and personal value. Through full English reading and writing, build a global vision. Through case studies in different cultural contexts, understanding the local issues and challenges. Keep whole-life learning and working to bring Chinese design to the world. Make Chinese experience in architecture and urbanism a global reference.

4. Assessment

Final credit is based on: Attendance, Process credit1, Process credit 2 and Final paper.

Attendance (10%), less than 1/3 absence leads to fail, needs a new enrollment in the new academic year.

Process Credit 1 (20%) Data collecting, in-class discussion and thesis writing.

Process Credit 2 (30%) Literature reading and presentation.

Final Paper (40%) Case study and paper writing in four stages.

If fail in final credit or lose the final credit chance due to too many absences or fail all

processes, the student needs to enroll the course in the new academic year and re-study.

Assessment	Rate	Objectives	Indicators
Attendance	10%	Objetcive1	Absence means absence without reasonable excuse. If the student can provide proof from the university, college of doctor to explain his/her absence, and finish the study after class, and absence with excuse less than 3 times, he/she can achieve full attendance.
		Objetcive2	
		Objetcive3	
		Objetcive4	
Process1: Data collecting, in-class discussion, Thesis writing	20%	Objetcive1	No credit if fail to submit required work.
		Objetcive2	
		Objetcive3	
		Objetcive4	
Process 2 Literature reading and presentation	30%	Objetcive1	No credit if fail to finish the reading and presentation.
		Objetcive2	
		Objetcive3	
		Objetcive4	
Final paper: Case study and paper writing	40%	Objetcive1	Four stage writing, experience(5%), objective description(5%), thematic research draft(10%), final paper(30%). No credit if fail to submit more than three stages writings.
		Objetcive2	
		Objetcive3	
		Objetcive4	

5. Assessment standards

1) Attendance

Purpose	Grading Standards				
	100-90	89-80	79-70	69-60	59-0

Purpose	Grading Standards				
	100-90	89-80	79-70	69-60	59-0
Supporting Course objective 1/2/3/4	No Absence	1 Absence	2 Absence	3 Absence	More than 3 Absence

2) Documents, In-class discussion and writing

Purpose	Grading Standards				
	100-90	89-80	79-70	69-60	59-0
Supporting Course objective 1/2/3/4	Submit the assignments on time and achieve the goal for more than 90%. Collect enough and good data, participate in class discussion actively, excellent understanding, accurate and vivid oral and verbal expression.	Submit the assignments on time and achieve the goal for more than 80%. Collect enough data, participate in class discussion actively, good understanding and rather accurate oral and verbal expression.	Submit the assignments on time and achieve the goal for 60-70%. Collect data, participate in class discussion, fair understanding and reasonable oral and verbal expression.	Submit the assignments a bit late and achieve the goal for more than 50%. Collect data, reasonable understanding, understandable oral and verbal expression.	Submit the assignments too late or fail to submit. Achieve the goal less than 50%.

3) Reading Review

Purpose	Grading Standards

	100-90	89-80	79-70	69-60	59-0
Supporting Course objective 1/2/3/4	Submit the assignments on time and achieve the goal for more than 90%. Excellent understanding about the reading materials, logical professional analysis, accurate and vivid oral and verbal presentation.	Submit the assignments on time and achieve the goal for more than 80%. Good understanding about the reading materials, logical professional analysis, rather accurate and vivid oral and verbal presentation.	Submit the assignments on time and achieve the goal for 60-70%. Reasonable understanding about the reading materials, rather logical professional analysis, fair oral and verbal presentation.	Submit the assignments a bit late and achieve the goal for more than 50%. Rather reasonable understanding, understandable oral and verbal expression.	Submit the assignments too late or fail to submit. Achieve the goal less than 50%.

4) Case Study and Paper Writing

Purpose	Grading Standards				
	100-90	89-80	79-70	69-60	59-0
Supporting Course objective 1/2/3/4	Submit the assignments on time and achieve the goal for more than 90%. Collect enough and good data, excellent observation,	Submit the assignments on time and achieve the goal for more than 80%. Collect enough data, good observation, description,	Submit the assignments on time and achieve the goal for 60-70%. Collect data, logical professional analysis,	Submit the assignments a bit late and achieve the goal for more than 50%. Collect data, reasonable understanding, understandable	Submit the assignments too late or fail to submit. Achieve the goal less than 50%.

Purpose	Grading Standards				
	100-90	89-80	79-70	69-60	59-0
	description, thematic research and professional analysis, accurate and vivid writing with critical thinking.	thematic research and professional analysis, rather accurate and vivid writing with critical thinking.	reasonable writing and thinking.	writing and thinking.	

6. Textbooks and Main References

Book Title	Author	Press	Edition	ISBN	Textbook series	Textbook/ Main References
Introdution of Western Modern Vernacular Architecture	PAN Yue	Tongji University Press	1st	9787576500028	No	Main references