

## 2025 Hongik International Summer School Course Outline

Course Title	<b>E-Bike Prototype Camp</b>	
Semester	Summer 2025	
Instructors	<ul style="list-style-type: none"> <li>Professor Seung Il Lo (Industrial Design)</li> <li>Professor Byeong Cheol Joo (Industrial Design)</li> <li>Professor Hyeonjun Lim (Engineering Design)</li> <li>Professor Hee Chang Moon (Engineering Design)</li> <li>Industry Experts (Modeling support and technical guidance)</li> </ul>	
Expected Level	<p>Intermediate-level</p> <ul style="list-style-type: none"> <li>This course provides a range of practical activities tailored to learners' skill levels, making it accessible to those with an intermediate understanding of Industrial Design and Engineering Design.</li> </ul>	
Course Objective	<ul style="list-style-type: none"> <li>A two-week intensive course for Design and Engineering majors, where students work as a team to create a new, eco-friendly mobility solution by reconstructing existing bike parts.</li> <li>A Design-Engineering convergence project that validates the agile process by developing a 4-wheel e-bike from sketch to design model in two weeks, in collaboration with industry-specialized designers.</li> </ul>	
Learning Methods	Learning Method	Topics
	E-Bike Design Workshop	<ul style="list-style-type: none"> <li>Performing a team with field practice experts to set up conception, ideation, digital modeling (week1)</li> <li>E-bike prototype build up using prepared parts and material kits (week2)</li> </ul>
	Digital Design Process	<ul style="list-style-type: none"> <li>Sketch practice using the 3D sketch tool Feather</li> <li>VR simulation practice using XR Auto Studio</li> <li>3D printing practice using Fushion 360 mobility</li> </ul>
	Special Lecture	<ul style="list-style-type: none"> <li>The guest speaker session provides an overview of current industry/market trends in Industrial Design</li> <li>The guest speaker session provides an overview of career paths in Industrial Design</li> </ul>
	Industry-Linked Field Trip	<ul style="list-style-type: none"> <li>Hyundai Motor Company, LG Electronics, Naver Design Center</li> </ul>
Schedule	<ul style="list-style-type: none"> <li>Program Duration: July 7<sup>th</sup> (Mon) – July 18<sup>th</sup> (Fri) <ul style="list-style-type: none"> <li>On-campus Dormitory Check-in: July 5<sup>th</sup> (Sat) – July 6<sup>th</sup> (Sun)</li> <li>On-campus Dormitory Check-out: July 19<sup>th</sup> (Sat) – July 20<sup>th</sup> (Sun)</li> </ul> </li> <li>Monday, Tuesday, Thursday, Friday: 10:00 AM – 5:00 PM <ul style="list-style-type: none"> <li>12:00 PM – 13:30 PM: Lunch Break</li> </ul> </li> <li>No classes on Wednesday, as it is reserved for off-campus cultural activities and industry-linked field trips</li> <li>Detailed schedules are subject to change</li> </ul>	

## Certificate

Upon completion, participants will receive 3 academic credits and a Certificate of Completion.

## 2025 Hongik International Summer School Course Outline

Course Title	<b>UAM (Urban Air Mobility) Design Practice Camp</b>	
Semester	Summer 2025	
Instructors	<ul style="list-style-type: none"> <li>Professor Koo, Sang (Department of Industrial Design)</li> <li>Professor Cho, Taig Youn (Department of Industrial Design)</li> </ul>	
Expected Level	<p>Introductory-level</p> <ul style="list-style-type: none"> <li>This course offers a variety of practical activities to design urban air mobility for future metropolitan cities with ideations to explore needs and changes of future environment.</li> </ul>	
Course Objective	<p>A two-week intensive course in mobility design ideation especially for urban air mobility which may be one of the future transportation means for inter-city transportation needs. This course empowers students to express their unique design visions while learning the fundamentals of the design ideation process, including research, design, sketching, idea developing using AI tools with composing corpus for generating unique ideas by AI tools, and presenting final UAM designs. These core areas are further enriched through seminars, dynamic workshops, unique field trips, and creative studio practices, culminating in highly creative and individualized outcomes.</p>	
Learning Methods	Learning Method	Topics
	Future Design and Future Urban Environment, Sketching Workshop	<ol style="list-style-type: none"> <li>Research Methods for Mobility Design <ul style="list-style-type: none"> <li>Concept Development: Discovering individual design concepts and creating novel shapes</li> <li>Sketching exercise workshop: Developing skills to visualize and present design ideas effectively</li> <li>By interpreting the spatial structures of cities and architecture through nonlinear dynamics and applying this concept, explores the possibilities of integrating with autonomous vehicles.</li> </ul> </li> <li>Creative Drawing <ul style="list-style-type: none"> <li>Hand-drawing Techniques: Learning hand-drawing methods to create unique design ideations</li> </ul> </li> <li>Rendering Workshop <ul style="list-style-type: none"> <li>Mobility and Product: Creating a realistic rendering to present design idea techniques</li> </ul> </li> </ol>
	AI tool Exercise, Drone flying Workshop	<ol style="list-style-type: none"> <li>AI tool ideation: Exploring creative design ideas using AI tools to developing novel shapes</li> <li>Drone build and flying workshop: Learning how drones and aircrafts are flying to create feasible air mobility design ideas</li> </ol>
	Industry-Linked Field Trip	<ol style="list-style-type: none"> <li>Museum: Visiting Samsung Mobility Museum and National Central Museum</li> </ol>

Schedule	<ul style="list-style-type: none"> <li>Monday, Tuesday, Thursday, Friday: 10:00 AM – 5:00 PM <ul style="list-style-type: none"> <li>- 10:00 AM – 11:20 AM: Korean Language Instruction</li> <li>- 11:30 AM – 12:50 PM: Lunch Break</li> <li>- 1:00 PM – 5:00 PM: Urban Air Mobility Design</li> </ul> </li> <li>No classes on Wednesday, as it is reserved for off-campus cultural activities</li> <li>Detailed schedules are subject to change</li> </ul>
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## 2025 Hongik International Summer School Course Outline

Course Title	<b>Introduction to Fashion Design with Korean Culture</b>	
Semester	Summer 2025	
Instructors	<ul style="list-style-type: none"> <li>Professor Yeori Bae (Department of Textile Art and Fashion Design)</li> <li>Professor Insuk Han (Department of Textile Art and Fashion Design)</li> </ul>	
Expected Level	<p>Introductory-level</p> <ul style="list-style-type: none"> <li>This course offers a variety of practical activities tailored to the learners' skill levels, making it accessible to those without a background in fashion or textile design.</li> </ul>	
Course Objective	<p>A two-week intensive course in fashion basics designed for students interested in fashion design, complemented by cultural activities to immerse participants in Korean culture. This course empowers students to express their unique design visions while learning the fundamentals of the fashion process, including research, design, illustration, textile manipulation, realization, and presentation. These core areas are further enriched through seminars, dynamic workshops, unique field trips, and creative studio practices, culminating in highly creative and individualized outcomes.</p>	
Learning Methods	Learning Method	Topics
	Fashion Design Workshop	<ol style="list-style-type: none"> <li>Research Methods for Fashion Design <ul style="list-style-type: none"> <li>Concept Development: Discovering individual design concepts and creating mood boards</li> <li>Fashion Illustration: Developing skills to visualize and present design ideas effectively</li> </ul> </li> <li>Creative Detail Making <ul style="list-style-type: none"> <li>Hand-Sewing Techniques: Learning hand-sewing methods to create unique fashion details</li> </ul> </li> <li>Sewing Workshop <ul style="list-style-type: none"> <li>Garment Production: Creating a simple garment while mastering basic sewing techniques</li> </ul> </li> </ol>
	Textile Design Workshop	<ol style="list-style-type: none"> <li>Dyeing: Exploring fundamental dyeing techniques to design custom T-shirts</li> <li>Silk Screen: Learning silk-screening methods to create personalized fabric bags</li> <li>Knitting: Using basic machine knitting techniques to craft a personal bag or hat</li> </ol>
	Industry-Linked Field Trip	<ol style="list-style-type: none"> <li>Museum: Visiting MMCA or SeMoCA</li> <li>Fashion Industry: Gaining insights through visits to fashion brands, design studios, and production factories</li> </ol>
Schedule	<ul style="list-style-type: none"> <li>Monday, Tuesday, Thursday, Friday: 10:00 AM – 5:00 PM <ul style="list-style-type: none"> <li>10:00 AM – 11:20 AM: Korean Language Instruction</li> <li>11:30 AM – 12:50 PM: Lunch Break</li> <li>1:00 PM – 5:00 PM: Fashion and Textile Design Workshop</li> </ul> </li> </ul>	

	<ul style="list-style-type: none"> <li>• No classes on Wednesday, as it is reserved for off-campus cultural activities</li> <li>• Detailed schedules are subject to change</li> </ul>
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## 2025 Hongik International Summer School Course Outline

Course Title	<b>Korean Architecture Camp</b>	
Semester	Summer 2025	
Instructors	<ul style="list-style-type: none"> <li>Professor Hahn Joh (College of Architecture and Urban Design)</li> </ul>	
Expected Level	<p>Introductory-level</p> <ul style="list-style-type: none"> <li>This course is for anyone who is interest in Korean architecture. All the lectures, workshops, and field trips are accessble to those without architecural background.</li> </ul>	
Course Objective	<p>A two-week intensive course in Korean Architecture and Seoul for students interested in Korean Culture and its environment. With unique field trips through the streets of Seoul, this course let students experience and explore Korean culture first hand through architecture. Also with integrated lectures and workshops students will learn what makes Korean architecture unique and how Seoulite orients themselves in Seoul, compared to how you orient yourself in your own town/city or country.</p>	
Learning Methods	Learning Method	Topics
	Lecture	<ol style="list-style-type: none"> <li>What makes Korean Architecture unique <ul style="list-style-type: none"> <li>How Korean-ness is expressed throughout the history of architecture.</li> <li>Study the dynamic history of Hangang river with Jeong Seon(1676-1759)'s Paintgins</li> </ul> </li> </ol>
	Workshop	<ol style="list-style-type: none"> <li>How Seoulite orients themselves in Seoul</li> <li>Creating your own mental map of your town/city to study how each culture have its own way of orienting itself.</li> </ol>
	Field Trip	<ol style="list-style-type: none"> <li>Walking the street of Hongdae area and discovering how an abandoned railway road transformed into ultra popular Hongdae area.</li> <li>Visiting Seonyudo Island to experience the colorful history of the island.</li> <li>Walking Seochon Hanok Village to experience the history of Korean housing types.</li> <li>Following the foot steps of Korean developer, Jeong Se Kwon(1888-1965), from his new urban hanok types to other Korean bulidings during Japanese occupation.</li> <li>Experiencing Hangang river upclose at Nodeul Island.</li> </ol>
Schedule	<ul style="list-style-type: none"> <li>Monday, Tuesday, Thursday, Friday: 10:00 AM – 5:00 PM <ul style="list-style-type: none"> <li>10:00 AM – 11:20 AM: Korean Language Instruction</li> <li>11:30 AM – 12:50 PM: Lunch Break</li> <li>1:00 PM – 5:00 PM: Korean Architecture Workshop</li> </ul> </li> <li>No classes on Wednesday, as it is reserved for off-campus cultural</li> </ul>	

	activities <ul style="list-style-type: none"> <li>▪ Detailed schedules are subject to change</li> </ul>
Certificate	Upon completion, participants will receive 3 academic credits and a Certificate of Completion.