

# Supplement of Accreditation Criteria for Accrediting Architectural Programs

## AAC2024

### Institute of Engineering Education Taiwan

#### Criterion 1: Program Educational Objectives

This criterion assesses the program's educational objectives (PEOs).

Criterion		Self-study Report	Supporting Documents/Displays On-Site
1.1	Publish detailed PEOs that demonstrate the program's characteristics and relevance to contemporary trends and societal demands.	Demonstrate evidence of communication of the program's educational objectives with its constituencies.	1) Promotional materials on the program's educational objectives. 2) Evidence of agenda/minutes for the formation of the program educational objectives, including bylaw of the advisory board. 3) Assessment of the educational objectives through interviews or surveys of alumni, employers, etc. 4) Evidence of meeting minutes on the reflection of the evaluation of the program's educational objectives, etc.
1.2	Describe the relationship between the PEOs of the program and those of the institution, as well as the process of establishing these objectives.	1) Demonstrate involvement of faculty members and advisory board in the process of forming, reflecting and evaluating the program's educational objectives. 2) Demonstrate the relationship of educational objectives between the institution, the college, and the program.	
1.3	Institutionalize an effective assessment process to ensure the achievement of the PEOs.	1) Demonstrate the use of diverse assessment methods on the level of achievement of the program's educational objectives on a regular basis. 2) Demonstrate evidence of reflection on the evaluation of the program's educational objectives.	

## Criterion 2: Students

This criterion assesses the quality of education for students.

Criterion		Self-study Report	Supporting Documents/Displays On-Site
2.1	Develop and implement appropriate regulations that are consistent with the PEOs.	1) Demonstrate policies on student enrollment, graduation, and career search are in place. 2) Demonstrate results in tracking of student enrollment, graduation, and career advising.	1) Policies on enrollment and graduating. 2) Policies and records of execution of student dropout/suspension advising and early warning system. 3) Records and results of transfer student advising.
2.2	Develop and implement measures and policies encouraging students to engage in academic exchange and related learning activities.	1) Demonstrate results in encouraging students to partake in academic exchange, personal growth, and related learning activities 2) Record of domestic and international intercollegiate competition.	4) Records and results of advising on graduating, advancement, and career search. 5) Records and results of student advising on club activity, domestic/international academic exchange, internship, scholarship, intercollegiate competition, etc.
2.3	Institutionalize an effective advising and assessment system.	1) Demonstrate mechanism for student advising such as office hour, faculty advisor-student time, early warning systems, etc. 2) Demonstrate results of student advising.	6) Records and results of financial support and advising for high-achieving and low-income students. 7) Policies on graduation.

### Criterion 3: Graduate Attributes

This criterion assesses the graduate attributes. The program must demonstrate that students have attained the following outcomes by graduation:

Criterion		Self-study Report	Supporting Documents/Displays On-Site
3.1	Ability to apply creativity, aesthetics, and knowledge in architectural design.	1) Demonstrate the relationship between the program's educational objectives and the graduate attributes. 2) Demonstrate the program's graduate attributes encompass AAC 2024 graduate attributes. 3) Demonstrate achievement of graduate attributes through rubric-assessment of student performance on the Capstone design project. 4) Demonstrate achievement of graduate attributes through graduate surveys. 5) Demonstrate the program has a systematic yearly reflection on the assessment and student outcomes attainment, as well as action plan for improvement.	1) Records of meetings on the formation and revision of the graduate attributes. 2) All records and assessments on related architectural design courses and Capstone design projects, including transcript analysis of the graduates. 3) Related questionnaires and surveys from graduates.
3.2	Ability to investigate, evaluate, translate, and integrate a design concept into built form.		
3.3	Ability to plan and practice an architectural project.		
3.4	Ability to manage projects, communicate effectively, respect for diversity, and function on interdisciplinary teams.		
3.5	Ability to identify, analyze, and consider sustainable development in solving complex architectural problems and reaching substantial conclusions.		
3.6	Knowledge of contemporary issues; an understanding of the impact of architectural solutions in environmental sustainability, social good, and global contexts; and the ability and habit to engage in lifelong learning.		
3.7	Apply ethical principles and commit to professional and information ethics responsibilities and norms of architectural practice.		

### Criterion 4: Curriculum

This criterion assesses the curriculum of the program:

Criterion		Self-study Report	Supporting Documents/Displays On-Site
4.1	Design and content of the curriculum must be consistent with the PEOs and must include at least the following elements: humanities, social science, basic science, professional architectural topic, and general education. Specifically:	1) Demonstrate a curriculum map (Must include guidelines on prerequisites.)	1) Lists and portfolios of professional courses including: <ul style="list-style-type: none"> <li>▪ Syllabus (must demonstrate the courses' correlation with the graduate attributes).</li> <li>▪ Instructor self-made handouts if any.</li> <li>▪ Sample of midterm and final examinations organized by score of high, middle, and low, with 2 each.</li> <li>▪ Sample of homework organized by score of high, middle, and low, with 2 each.</li> <li>▪ Course analysis table.</li> </ul> 2) Sample of finished Capstone project/report organized by the score of high, middle, and low, with 2 of each. 3) Transcript analysis of 6 graduates each year, organized by the score of high, middle, and low, with 2 of each. 4) Records of student internships and related information. 5) Records of industry-experience events for students and related information.
	4.1.1 humanities, social science, and basic science must be appropriate to the attainments of the PEOs and to prepare students for architectural practice.	2) Provide a yearly listing of courses offered and demonstrate the courses' alignment with the graduate attributes and demonstrate curriculum can cultivate achievement of graduate attributes with each attribute cultivated by at least 2 to 3 courses.	
	4.1.2 professional and architectural design components must account for at least three eighths of the credits required for graduation, and among these, architectural design must account for at least one fourth of the credits required for graduation.	3) Demonstrate curriculum can cultivate knowledge, skills, and attitude toward sustainability, and can fulfill curriculum requirements of criteria 3.5 and 3.6.	
	4.1.3 technical and professional contents must be sufficient to support the knowledge and skills needed for the practice in architectural design.	4) Capstone curriculum: <ul style="list-style-type: none"> <li>▪ Syllabus.</li> <li>▪ Capstone course checklist.</li> <li>▪ Course analysis table.</li> </ul>	
	4.1.4 general education component must complement the technical contents of the discipline and be consistent with the PEOs	5) List of finished Capstone design projects/reports. 6) Demonstrate student fulfillment of curriculum requirements of criteria 4.1.1-4.1.4 using transcript analysis. 7) Architectural design courses should be structured towards at least 40 credits to meet the international standards for architectural education.	
4.2	Design and implementation of the	* Minimal credits required for graduation are set by the Ministry of Education. 1) Demonstrate the curriculum and	

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	curriculum must correlate with the development of the industry, reflect, and improve to prepare students to culminate the learned knowledge and skills in architectural practice.	<p>instructions fulfill the future needs of the industry including feedback from the advisory board, curriculum committee, etc.</p> <p>2) Demonstrate regulations and results of incorporation of seminars by professionals, field trips, internships, competitions, and other industry-related activities to provide students with experiences in the industry.</p>	

### Criterion 5: Faculty

This criterion assesses the faculty of the program with regard to the following:

Criterion		Self-study Report	Supporting Documents/Displays On-Site
5.1	The full-time faculty must be of sufficient number.	<p>1) Demonstrate the qualifications, competencies, and sufficient number of faculty members to cover the professional subject knowledge that the program offers.</p> <p>2) Statistics on faculty weekly workload.</p>	<p>1) Faculty hourly instruction duty roster.</p> <p>2) Faculty review meeting minutes.</p> <p>3) Records and procedures on faculty hiring, promotion, and evaluation.</p> <p>4) Records and results of faculty involvement with the formation and execution of the program's educational objectives.</p> <p>5) Lists of faculty office hour and related records.</p> <p>6) Records of industry-academia cooperation and involvements.</p> <p>7) Policies on encouraging faculty professional development and research.</p> <p>8) Policies on encouraging faculty participation in domestic/international field related/ professional societies and activities.</p>
5.2	The faculty must be involved in the formation and execution process of the PEOs.	Demonstrate with records and results of faculty members' involvement in the formation and execution of the program educational objectives.	
5.3	The faculty must have the qualification and competencies to cover the professional knowledge of the subject areas in which they teach.	<p>1) Demonstrate incorporation of academic research into instruction by the faculty members.</p> <p>2) Demonstrate professional knowledge and/or certifications/licenses on the subjects the faculty members teach.</p> <p>3) Statistics on research projects and</p>	

Criterion		Self-study Report	Supporting Documents/Displays On-Site
		expenditures.	
5.4	The program must demonstrate the effectiveness of faculty-student interactions and student advising.	Demonstrate the effectiveness and results of the faculty-student interaction system, such as student advising, office hour, and other real-time student inputs on curriculum.	
5.5	The program must demonstrate the effectiveness of interactions of the faculty with industry.	Demonstrate faculty-industry interactions including consultancy, partnership, advisory committee, and other educational training-related activity.	
5.6	The program must provide the faculty with the appropriate channels and incentives for professional growth and development.	1) Demonstrate how the program assists faculty members to create an atmosphere of teamwork aimed for professional development. 2) Demonstrate how the program assists faculty members to grow in teaching pedagogy, course designs, and assessment. 3) Demonstrate how the program assists faculty members in balancing teaching and research. 4) Demonstrate how the program encourages faculty members to pursue professional growth.	
5.7	The faculty must participate in relevant academic and professional organizations and activities.	Demonstrate records and results of faculty research and involvement with professional organizations and activities.	

**Criterion 6: Space and Facilities**

This criterion assesses instructional facilities, space, and hard and software:

Criterion		Self-study Report	Supporting Documents/Displays On-Site
6.1	The program must provide an environment to foster effective faculty-student interaction and support the development of professional knowledge and skills of students.	1) Demonstrate appropriate number/amount of facilities and space to support student hands-on learning activity, e.g.: <ul style="list-style-type: none"> <li>• Hands-on learning and working space.</li> <li>• IT infrastructure and support.</li> <li>• Library resources.</li> <li>• Self-study computer software</li> <li>• Group/teamwork space</li> <li>• Safe, healthy, and motivated environment.</li> </ul>	1) Plans and records of facilities and space usage. 2) Management policies on labs and teaching facilities. Inventory of labs and teaching facilities. 3) Lab course syllabi, manuals, and safety guides. 4) Records and logs of environmental safety and health seminars/meetings.
6.2	The program must provide enough opportunities, guidance, computing and information infrastructure for students to learn the use of the specialized equipment and tools.	2) Demonstrate professional facilities, tools and IT infrastructure that are of industry standards.	
6.3	The program must provide a safe learning environment and have appropriate system in place to maintain, upgrade, and manage these facilities.	3) Demonstrate the program has an appropriate regulation on facilities/infrastructure/space maintenance and management, e.g.: listings of facilities/infrastructure/space, user manuals, maintenance records, etc.	

### Criterion 7: Institutional Support and Financial Resources

This criterion assesses the institutional support and financial resources of the program:

Criterion		Self-study Report	Supporting Documents/Displays On-Site
7.1	The institution must provide adequate administrative personnel and financial resources to assure the quality and continuity of the program, along with constructive leadership and management.	1) Demonstrate sound and proper plans for current objectives and future goals. 2) Explain in detail the budgeting policies and past budget allocation of the institution and of the program to demonstrate sufficient financial support.	1) Policies and records of program chair selection.  2) Policies and budgeting on supporting faculty and student growth (training, professional growth, research, domestic and international exchanges).  3) Job descriptions of the teaching assistants, administrative staff, and technicians.  4) Policies and budging for facilities and space.
7.2	Resources must be sufficient to support the ongoing professional development of the faculty and students.	Demonstrate the program has appropriate regulations and records on financial and other capacities (grants, incentives, materials, etc.) to support the professional growth of the faculty members and students.	
7.3	Administrative personnel and technical staff must be adequate to meet the program's needs.	Demonstrate a sufficient number of teaching assistants, administrative staff, and technicians to support the program.	
7.4	Financial resources must be sufficient to acquire, maintain, and operate the facilities, infrastructure, and equipment appropriate for the program to support educational needs.	Demonstrate financial resources of the program sufficient to acquire, maintain, and operate the facilities, infrastructures, and equipment.	



### Criterion 8: Continuous Improvement

This criterion assesses the mechanism and implementation of continuous improvement. The program seeking accreditation must:

Criterion		Self-study Report	Supporting Documents/Displays On-Site
8.1	Have a mechanism for continuous improvement.	1) Demonstrate the program has a system of internal evaluation through a curriculum committee or health, safety, and environment committee and other means and provide a list of the committee members. 2) Demonstrate the program has a system of external assessment through an advisory board and other means and provide a list of the board members.	1) Records of related works and meetings for internal evaluation. 2) Records of related works and meetings for external assessment.
8.2	Demonstrate implementations of continuous improvement.	1) Demonstrate results of improvement through related works and meetings for internal evaluation and external assessment. 2) Demonstrate results of improvement made on the weakness identified from the last review.	

**Criterion G: Education for master's or beyond degrees extends from that of the bachelor's.**

Criterion		Self-study Report	Supporting Documents/Displays On-Site
G.0	Have appropriate admission policies	Have appropriate admission policies that are publicly available.	Policies for admission and graduation.
G.1	Fulfill the requirements of Criterion 1 (Program Educational Objectives).	1) Demonstrate evidence of communication of the program's educational objectives with its constituencies. 2) Demonstrate involvement of faculty members and advisory board in the process of forming, reflecting and evaluating the program's educational objectives. 3) Demonstrate the relationship of educational objectives between the institution, the college, and the program. 4) Demonstrate the use of diverse assessment methods on the level of achievement of the program's educational objectives on a regular basis. 5) Demonstrate evidence of reflection on the evaluation of the program's educational objectives.	1) Promotional materials on the program's educational objectives. 2) Evidence of agenda/minutes for the formation of the program educational objectives, including bylaw of the advisory board. 3) Assessment of the educational objectives through interviews or surveys of alumni, employers, etc. 4) Evidence of meeting minutes on the reflection of the evaluation of the program's educational objectives, etc.
G.2	Fulfill the requirements of Criterion 2 (Students). In addition, it must demonstrate the effective interactions between faculty advisors and graduate students	1) Demonstrate that policies and outcomes are in place for graduate student advising, selection of advisors, participation of conferences, and graduations. 2) Demonstrate the outcomes of student progression, growth, and development. 3) Demonstrate records and outcomes of students participating in domestic and international competitions.	1) Records of interactions between students and advisors. 2) Records and results of student dropouts advising. 3) Records and results of advising on graduating, advancement, and career search. 4) Records and results of student advising on conference participation, domestic/international academic exchange,

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		4) Demonstrate the positive interactions between students and advisors.	internship, etc. 5) Records and results of financial support and advising for high-achieving and low-income students.
G.3	Fulfill the requirements of Criterion 3, and students must attain the following outcomes by graduation: G.3.1 professional knowledge in a specific field; G.3.2 ability to organize and implement a research project; G.3.3 ability to conduct professional journal writing; G.3.4 ability for innovative thinking and independent problem solving; G.3.5 ability to collaborate with people in an interdisciplinary setting; G.3.6 ability of sound international scope of view; G.3.7 ability in leadership, management, and planning; G.3.8 ability for life-long learning.	1) Demonstrate the program's graduate attributes encompass AAC 2024 graduate attributes. 2) Demonstrate the relationship between the program's educational objectives and the graduate attributes. 3) Demonstrate achievement of graduate attributes through graduate surveys. 4) Demonstrate the program has a systematic yearly reflection on the assessment and student outcomes attainment, as well as an action plan for improvement. 5) Faculty advisors must assure that students achieve the graduate attributes required, especially the following outcomes: ■ Solve complex architectural problems through research-based knowledge and methodologies. ■ Able to work independently as well as collaboratively among interdisciplinary teams and exercise leadership, management, and planning skills. 6) Students' plans for future careers or further studies. 7) List of students theses and mechanisms	1) Records of meetings on the formation and revision of the graduate attributes. 2) List of students theses. 6) Related questionnaires and surveys from graduates.

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		to ensure students' theses are in alignment with the architectural practices.	
G.4	Provide an appropriate curriculum to satisfy students' development in the professional field.	<ol style="list-style-type: none"> <li>1) Demonstrate a curriculum map (Must include guidelines on prerequisites.)</li> <li>2) Provide a yearly listing of courses offered and demonstrate the courses' alignment with the graduate attributes and demonstrate curriculum can cultivate achievement of graduate attributes with each attribute cultivated by at least 2 to 3 courses.</li> <li>3) Syllabus of the 4-6 core courses in the most recent academic year.</li> <li>4) Course analysis table of the 4-6 core courses in the most recent academic year.</li> <li>5) Demonstrate the curriculum and instructions fulfill the future needs of the industry including feedback from the advisory board, curriculum committee, etc.</li> <li>6) Demonstrate regulations and results of incorporation of seminars by professionals, field trips, internships, competitions, and other industry-related activities to provide students with experiences in the industry.</li> </ol>	<ol style="list-style-type: none"> <li>1) Lists and core courses including:               <ul style="list-style-type: none"> <li>▪ Syllabus (must demonstrate the courses' correlation with the graduate attributes).</li> <li>▪ Instructor self-made handouts if any.</li> <li>▪ Sample of midterm and final examinations organized by score of high, middle, and low, with 2 each.</li> <li>▪ Sample of homework organized by score of high, middle, and low, with 2 each.</li> <li>▪ Course analysis table.</li> </ul> </li> <li>2) Records of industry-experience events for students and related information.</li> </ol>
G.5	Fulfill the requirements of Criterion 5. In addition, faculty members must demonstrate outcomes of academic scholarship in the forms of academic or	<ol style="list-style-type: none"> <li>1) Statistics on faculty weekly workload.</li> <li>2) Demonstrate the qualifications, competencies, and sufficient number of faculty members to cover the</li> </ol>	<ol style="list-style-type: none"> <li>1) Faculty hourly instruction duty roster.</li> <li>2) Faculty review meeting minutes.</li> <li>3) Records and procedures on faculty hiring, promotion, and evaluation.</li> </ol>

Criterion	Self-study Report	Supporting Documents/Displays On-Site
<p>applied research and participate in international and domestic academic activities.</p>	<p>professional subject knowledge that the program offers.</p> <p>3) Demonstrate the incorporation of academic research into instruction by the faculty members.</p> <p>4) Demonstrate professional knowledge and/or certifications/licenses on the subjects the faculty members teach.</p> <p>5) Statistics on research projects and expenditures.</p> <p>6) Demonstrate the effectiveness and results of the faculty advisor-student interaction system, such as student advising, office hours, and other real-time student inputs on curriculum.</p> <p>7) Demonstrate faculty-industry interactions including consultancy, partnership, advisory committee, and other educational training-related activity.</p> <p>8) Demonstrate how the program assists faculty members to create an atmosphere of teamwork aimed for professional development.</p> <p>9) Demonstrate how the program assists faculty members to grow in teaching pedagogy, course designs, and assessment.</p> <p>10) Demonstrate how the program assists faculty members in balancing teaching and research.</p> <p>11) Demonstrate how the program</p>	<p>4) Lists of faculty office hour and related records.</p> <p>5) Records of industry-academia cooperation and involvements.</p> <p>6) Policies on encouraging faculty professional development and research.</p> <p>7) Policies on encouraging faculty participation in domestic/international field related/ professional societies and activities.</p>

Criterion		Self-study Report	Supporting Documents/Displays On-Site
		<p>encourages faculty members to pursue professional growth.</p> <p>12) Demonstrate records and results of faculty research and involvement with professional organizations and activities.</p>	
G.6	Fulfill the requirements of Criterion 6 and meet the needs for the research activities.	<p>1) Demonstrate appropriate number/amount of facilities and space to support student hands-on learning activity, e.g.:</p> <ul style="list-style-type: none"> <li>• Hands-on learning and working space.</li> <li>• IT infrastructure and support.</li> <li>• Library resources.</li> <li>• Self-study computer software</li> <li>• Group/teamwork space</li> <li>• Safe, healthy, and motivated environment.</li> </ul> <p>2) Demonstrate professional facilities, tools and IT infrastructure that are of industry standards.</p> <p>3) Demonstrate the program has an appropriate regulation on facilities/infrastructure/space maintenance and management, e.g.: listings of facilities/infrastructure/space, user manuals, maintenance records, etc.</p>	<p>1) Plans and records of facilities and space usage.</p> <p>2) Management policies on labs and teaching facilities. Inventory of labs and teaching facilities.</p> <p>3) Lab course syllabi, manuals, and safety guides.</p> <p>4) Records and logs of environmental safety and health seminars/meetings.</p>
G.7	Fulfill the requirements of Criterion 7.	<p>1) Demonstrate sound and proper plans for current objectives and future goals.</p> <p>2) Explain in detail the budgeting policies and past budget allocation of the institution and of the program to demonstrate sufficient financial support.</p> <p>3) Demonstrate the program has</p>	<p>1) Policies and records of program chair selection.</p> <p>2) Policies and budgeting on supporting faculty and student growth (training, professional growth, research, domestic and international exchanges).</p> <p>3) Job descriptions of the teaching assistants,</p>

Criterion		Self-study Report	Supporting Documents/Displays On-Site
		<p>appropriate regulations and records on financial and other capacities (grants, incentives, materials, etc.) to support the professional growth of the faculty members and students.</p> <p>4) Demonstrate a sufficient number of teaching assistants, administrative staff, and technicians to support the program.</p> <p>5) Demonstrate financial resources of the program sufficient to acquire, maintain, and operate the facilities, infrastructures, and equipment.</p>	<p>administrative staff, and technicians.</p> <p>4) Policies and budgeting for facilities and space.</p>
G.8	Fulfill the requirements of Criterion 8.	<p>1) Demonstrate the program has a system of internal evaluation through a curriculum committee or health, safety, and environment committee and other means and provide a list of the committee members.</p> <p>2) Demonstrate the program has a system of external assessment through an advisory board and other means and provide a list of the board members.</p> <p>3) Demonstrate results of improvement through related works and meetings for internal evaluation and external assessment.</p> <p>4) 2) Demonstrate results of improvement made on the weakness identified from the last review.</p>	<p>1) Records of related works and meetings for internal evaluation.</p> <p>2) Records of related works and meetings for external assessment.</p>