



# Course Specifications

|                      |                                 |
|----------------------|---------------------------------|
| <b>Course Title:</b> | <b>Architectural Drawing</b>    |
| <b>Course Code:</b>  | <b>329AAD-2</b>                 |
| <b>Program:</b>      | <b>Bachelor in Applied arts</b> |
| <b>Department:</b>   | <b>Applied arts</b>             |
| <b>College:</b>      | <b>Architecture and Design</b>  |
| <b>Institution:</b>  | <b>Jazan University</b>         |

## Table of Contents

|   |          |
|---|----------|
| <b>A. Course Identification</b> .....   | <b>3</b> |
| 6. Mode of Instruction (mark all that apply) .....  | 3        |
| <b>B. Course Objectives and Learning Outcomes</b> .....   | <b>4</b> |
| 1. Course Description .....   | 4        |
| 2. Course Main Objective.....   | 4        |
| 3. Course Learning Outcomes .....   | 4        |
| <b>C. Course Content</b> .....  | <b>4</b> |
| <b>D. Teaching and Assessment</b> .....   | <b>5</b> |
| 1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment<br>Methods ..... | 5        |
| 2. Assessment Tasks for Students .....  | 5        |
| <b>E. Student Academic Counseling and Support</b> .....   | <b>6</b> |
| <b>F. Learning Resources and Facilities</b> .....   | <b>6</b> |
| 1. Learning Resources .....   | 6        |
| 2. Facilities Required.....   | 6        |
| <b>G. Course Quality Evaluation</b> .....   | <b>6</b> |
| <b>H. Specification Approval Data</b> .....   | <b>7</b> |

## A. Course Identification

|  |
|--|
| <b>1. Credit hours:</b> 2hours (1 Lecture & 1 Laboratory)  |
| <b>2. Course type</b>  |
| a. University <input type="checkbox"/> College <input type="checkbox"/> Department <input checked="" type="checkbox"/> Others <input type="checkbox"/> |
| b. Required <input checked="" type="checkbox"/> Elective <input type="checkbox"/>  |
| <b>3. Level/year at which this course is offered:</b> 6/3 <sup>rd</sup> Year   |
| <b>4. Pre-requisites for this course (if any):</b> None  |
| <b>5. Co-requisites for this course (if any):</b> None   |

### 6. Mode of Instruction (mark all that apply)

| No | Mode of Instruction   | Contact Hours | Percentage |
|----|-----------------------|---------------|------------|
| 1  | Traditional classroom | 3 hours       | 100%       |
| 2  | Blended               | 0             | 0 %        |
| 3  | E-learning            | 0             | 0 %        |
| 4  | Correspondence        | 0             | 0 %        |
| 5  | Other                 | 0             | 0 %        |

### 7. Actual Learning Hours (based on academic semester)

| No                           | Activity   | Learning Hours |
|------------------------------|--|----------------|
| <b>Contact Hours</b>         |  |                |
| 1                            | Lecture  | 15             |
| 2                            | Laboratory/Studio  | 30             |
| 3                            | Tutorial   | 0              |
| 4                            | Others (specify)<br>Assessment<br>1 Continuous assessment (1 hour only)<br>1 Presentation (0.5 hour only)<br>1 mid-term exam (1 hour only)<br>1 Final exam (and Practical – 2 hours) | 4.5            |
|                              | <b>Total</b>   | 49.5           |
| <b>Other Learning Hours*</b> |  |                |
| 1                            | Study<br>Theoretical study (1 hour for 1 CH)<br>Practical (.5 hour for 1 CH)   | 30             |
| 2                            | Assignments<br>1 Continuous assessment for 1 CH<br>1 Mid- term exam for 1 CH<br>1 final exam(theoretical 1 hour - Practical 2 hours)   | 9              |
| 3                            | Library<br>Preparation for 0.5 hour 1 CH   | 1.5            |
| 4                            | Projects<br>3 hours for 1 CH   | 12             |
| 5                            | Others(specify)  | 0              |

|                  |      |
|------------------|------|
| <b>Total</b>     | 52.5 |
| <b>All total</b> | 102  |

\*The length of time that a learner takes to complete learning activities that lead to achievement of course learning outcomes, such as study time, homework assignments, projects, preparing presentations, library times

## B. Course Objectives and Learning Outcomes

### 1. Course Description

The aim of this course is to study the principles of architecture drawing for building construction and the uses of different building materials. And preparing the implementation drawings, types of foundation, Masonry construction " using different building materials such as: brick, stone, etc." Also students will be provided opportunities to develop an awareness of the main structure.

### 2. Course Main Objective

This course the students are understanding and appreciate the importance of basic concepts and principles of architectural drawing, The students with various concepts like dimensioning, architectural and standards related to working drawings in order to become professionally efficient, in addition the student able to draw lettering technically and by tools

### 3. Course Learning Outcomes

| CLOs     |   | Aligned PLOs |
|----------|---|--------------|
| <b>1</b> | <b>Knowledge:</b>   |              |
| 1.1      | Acquisition of technical competence in specialized areas of architectural discipline      | K1           |
| 1.2      | Ability to acquire and apply fundamental principles of architectural drawings.            | K2           |
| 1.3      | Teaching strategies to be used to develop that knowledge                                  | K2           |
| <b>2</b> | <b>Skills :</b>   |              |
| 2.1      | The ability to Architectural drawings   | S1           |
| 2.2      | Teaching strategies to be used to develop these cognitive skills                          | S2           |
| 2.3      | - Making connections between different concepts across the domains                        | S3           |
| <b>3</b> | <b>Competence:</b>  |              |
| 3.1      | The essential components of communication skills are based on developing critical skills. | C2           |
| 3.2      | Teaching strategies to be used to develop these skills                                    | C2           |
| 3.3      | Methods of assessment of students numerical and communication skills                      | C5           |

## C. Course Content

| No | List of Topics  | Contact Hours |
|----|---|---------------|
| 1  | Definition of objectives and study plan for architecture drawing. | 3             |
| 2  | Definition of architecture terms.                                 | 3             |
| 3  | Drawing axis and dimensions.                                      | 3             |
| 4  | Drawing the plan for proposed construction.                       | 3             |
| 5  | Drawing the projection of concrete stair.                         | 3             |
| 6  | 1 <sup>st</sup> mid-term exam                                     | 3             |
| 7  | Drawing the plan of first floor for proposed construction.        | 3             |
| 8  | Drawing the plan of second floor for proposed construction.       | 3             |
| 9  | Furnishing the plan of second floor.                              | 3             |

|              |  |    |
|--------------|--|----|
| 10           | Drawing the general location for construction. | 3  |
| 11           | Drawing the general location for construction. | 3  |
| 12           | 2 <sup>nd</sup> mid-term exam                  | 3  |
| 13           | Drawing the vertical section.                  | 3  |
| 14           | Drawing the vertical section.                  | 3  |
| 15           | Revision                                       | 3  |
| <b>Total</b> |  | 45 |

## D. Teaching and Assessment

### 1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

| Code       | Course Learning Outcomes  | Teaching Strategies   | Assessment Methods   |
|------------|---|---|--|
| <b>1.0</b> | <b>Knowledge</b>  |   |  |
| 1.1        | Ability to acquire and apply fundamental principles of architectural drawings   | Lectures and discussions<br>Brainstorming<br>Cooperative learning<br>Group discussion | direct method<br>(Theoretical objective test) by Test specification table. |
| 1.2        | Teaching strategies to be used to develop that knowledge  |   |  |
| 1.3        | Methods of assessment of knowledge acquired   |   | Indirect method<br>course LO survey  |
| <b>2.0</b> | <b>Skills</b>   |   |  |
| 2.1        | Teaching strategies to be used to develop these cognitive skills.   | Brainstorming<br>Cooperative learning<br>Group discussion                             | direct method<br>(Theoretical objective test) by Test specification table. |
| 2.2        | Making connections between different concepts across the domains  |   |  |
| 3.3        | Methods of assessment of students cognitive skills  |   | Indirect method<br>course LO survey  |
| <b>3.0</b> | <b>Competence</b>   |   |  |
| 3.1        | Free hand graphic presentations and model making are essential skills which reflect the psychomotor ability of the student to imagine, design and then draw or craft a model sculpt | Discussions and feedback, group project, research essays                              | direct method<br>(Theoretical objective test) by Test specification table. |
| 3.2        | Training female students to assume leadership responsibilities  |   |  |
| 3.3        | The ability of students to evaluate and make effective decisions  |   | Indirect method<br>course LO survey  |

### 2. Assessment Tasks for Students

| #            | Assessment task*        | Week Due     | Percentage of Total Assessment Score |
|--------------|-------------------------|--------------|--------------------------------------|
| 1            | Midterm test            | Week 6&12    | 10%                                  |
| 2            | project                 | Week 14      | 20%                                  |
| 3            | Homework & Presentation | Periodically | 20%                                  |
| 4            | group project           | Week 12      | 10%                                  |
| 5            | Final exam (or work)    | Week 16      | 40%                                  |
| <b>Total</b> |                         |              | 100%                                 |

\*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

## E. Student Academic Counseling and Support

**Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice :**

- Individual consultations and academic advices will be allocated for a minimum of 6 hours per week.
- Tutorial for weak students will be allocated for a minimum of 4 hours per week.

## F. Learning Resources and Facilities

### 1. Learning Resources

|                                       |  |
|---------------------------------------|--|
| <b>Required Textbooks</b>             | Liebing, R.W: “Architectural Working Drawings”, John Wiley & Sons  |
| <b>Essential References Materials</b> | Porter, T. & Goodman, S.: “Manual of Graphic Teaching for Architects”, Graphic Designers & Artists. U. S. A. Scribner, S Sons. |
| <b>Electronic Materials</b>           | <a href="https://mawdoo3.com">https://mawdoo3.com</a>  |
| <b>Other Learning Materials</b>       | Ramsey and sleeper: “Architectural Graphic Stander”, New York  |

### 2. Facilities Required

| Item   | Resources   |
|--|---|
| <b>Accommodation</b><br>(Classrooms, laboratories, demonstration rooms/labs, etc.)   | Classrooms containing 25 table for Engineering Drawing & 25chairs |
| <b>Technology Resources</b><br>(AV, data show, Smart Board, software, etc.)  | Data show attached to instructor computer and projector screen.   |
| <b>Other Resources</b><br>(Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list) | Not required  |

## G. Course Quality Evaluation

| Evaluation Areas/Issues                                    | Evaluators                                     | Evaluation Methods                 |                                 |
|--|--|------------------------------------|---------------------------------|
|  |  | Direct                             | Indirect                        |
| Effectiveness of teaching and assessment                   |  | Direct                             | Indirect                        |
| ▪ Occasional student s feedback to head of the instructor. | Course instructor and students.                | Occasional student Faculty meeting | Online system course evaluation |
| ▪ Effectiveness of teaching and assessment                 | Students                                       | Analysis of test results           | Course learning outcome survey  |
| ▪ Checking of test results                                 | One of faculty member, then head of department | Taking samples of answering papers | -Course learning outcome survey |

| Evaluation Areas/Issues                                       | Evaluators                      | Evaluation Methods        |                                       |
|---|---------------------------------|---------------------------|---------------------------------------|
| ▪ Course evaluation.  | Course instructor.              | Test specification table. | -Course learning outcome survey       |
| Extent of achievement of course learning outcomes             |                                 |                           |                                       |
| ▪ Course evaluation.  | Course instructor               | Test specifications table | -Course learning outcome survey       |
| ▪ Revision of course contents and objectives every 5 years.   | Program Leaders, Peer Reviewer. | -Paper questionnaire      | -Objective test by test specification |
| Quality of learning resources                                 |                                 |                           |                                       |
| Assessment, Extent of achievement of course learning outcomes | Program Leaders, Peer Reviewer. | -Analysis of plan         | -Objective test by test specification |

**Evaluation areas** (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

**Evaluators** (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

**Assessment Methods** (Direct, Indirect)

## H. Specification Approval Data

|                            |                           |
|----------------------------|---------------------------|
| <b>Council / Committee</b> | <b>Department council</b> |
| <b>Reference No.</b>       |                           |
| <b>Date</b>                |                           |