

THE QUALITY EDUCATION FOR ENGINEERING GRAPHICS TEACHING

MATERIAL CONSTRUCTION

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ABSTRACT:

Engineering graphics course is an establishment course in designing schools, this paper dissects the quality instruction in engineering graphics course, brings up that in the course to prepare the understudies is nature of engineering designs, its center is the considering way building graphics; In light of the conversation of abroad engineering graphics teaching, Reference on they center around the understudy quality training; About the topic of value instruction, doing investigate base on the building graphics showing materials development of our nation.

KEYWORDS: Designing graphics; Quality training; Quality building; Development of instructing material.

Quality instruction incorporates granting information, train the understudies' capacity to develop and improve their own quality. In establishments of higher learning and quality training are for the most part through the instructing of a few courses, scholarly training contains quality instruction. Designing graphics course is a course in universities of building innovation establishment course, the undertaking of designing designs course is to prepare understudies' designing designs quality, the center of designing designs is the perspective [1].

Building graphics course of value instruction lies in preparing understudies' designing graphics thinking way, and the development of building designs thinking for the most part reflected in the preparation of understudies "inventive setup structure capacity" of the. Configuration is an innovative work; arrangement plan training is unavoidably a sort of creation instruction. In our nation new update of the fundamental necessities of building graphics educating, "develop imaginative arrangement structure capacity" is one of the

undertakings of engineering designs course [2]. With the coordinating "setup strategy establishment" is the new modification of building designs course showing essential prerequisites of building graphics course in one of the five establishment. Setup strategy based principally contains the accompanying four substance: comprehend the essential standards of PC procedure; Acing fundamental three-dimensional demonstrating procedure and techniques; Ace the straightforward mix type of displaying procedure and strategies; Starter ace 2D and 3D state of origination, structure, development strategy.

In engineering graphics course, the preparation of the understudies' imaginative reasoning is for the most part designing illustrations thinking preparing. What's more, setup configuration is a significant type of articulation of innovative structure, the inventive plan is likewise a significant method of preparing understudies imaginative reasoning preparing, arrangement structure of encouraging point is to prepare understudies' capacity of imaginative arrangement structure. In engineering graphics course, with "the structure" as the focal point of showing mode, keep the standard of the human psyche, arrangement configuration is not a solitary alludes to the setup plan of 3D, however both 2D arrangement structure, there are likewise three-dimensional setup plan. Type of arrangement configuration is a course key connection, the development of understudies' advancement capacity is a significant connection in designing illustrations thinking approach to develop understudies, which is additionally in the quality instruction of understudies in engineering graphics course.

Reference to exercises from unfamiliar designing illustrations instructing, from one viewpoint, for our nation's building designs to give the reference to the development of showing materials and then again can likewise give the reference to the nature of designing illustrations course training. From Europe and the US the showing material of "building illustrations" can see [3], unfamiliar designing illustrations instructing, concentrated more on understudy's quality training which accentuates the development of understudies' creative reasoning, the practicability of showing content; Likewise underline the development of understudy's starting capacity, mirror the showing substance of training. Abroad building illustrations training material has the accompanying highlights.

Foreign building illustrations encouraging materials on the showing content game plan more presents the expansion. For example, in the US, on the grounds that there is no "designing illustrations" prospectus of national solidarity, various schools and colleges showing material of "building illustrations" arranged by educator will vary as per proficient, and the various highlights of the advancement of the order of school, along these lines in the designing illustrations encouraging materials present diverse accentuation of instructing. This adds to the territory to develop ability request. For example, by the college of Texas' Building Plan Illustrations "showing material, covers noodles wide, both the mechanical Building Structure the necessary resistance coordinating, welding, pipe outline, circuit charts, and so forth., additionally orchestrated different kinds of factual charts and the drawing of the vector graph, broadly appropriate. For example, clerk of the college of mas network cooperation by the Building Drawing And Configuration showing material [4], for the most part incorporate a wide range of Building Drawing, increment the structure of water driven hardware Plan And a prologue to the regular mechanical handling process, and so forth.

Foreign building designs showing material while in transit to communicate, through the accompanying structure to develop the understudies' nature of building illustrations. From one viewpoint, there are more plan components, through countless building models and pictures, for example, unique preparing production line pictures, the computer aided design configuration process, and so on., during the time spent the designing utilization of planning with the goal that the understudies have a more thorough and natural comprehension; And application square chart, flowchart to depict designing drawing and structure, and the use of designing field, solid logicity, straightforward and clear. Then again have more investigation direct, encourage understudies to think, both the solid in the course books, firmly identified with the case of that information, and how to clarify the way toward drawing rule and, with a short drawing clearness, character exuberant and intriguing; Likewise has the assistant showing materials, assortment (a class introductions, question bank, educator manual, instructor assets, instructor's handbook, study guides, recordings, understanding material, and so on.), the transporter is diversiform, urge understudies to carry an issue to peruse, comprehend and handle the fundamental ideas at the earliest opportunity,

center around developing understudies' learning activity and self-study capacity, focus on move the understudies' inventiveness and creative mind.

Present day training reasoning is the understudies the principle body, educator as the main factor. However, we are currently the showing strategies and instruction framework, is still not completely typifies understudy focused.

The fundamental status obviously educating in our nation currently is center around information fulfillment, congruity and foundational, reflected in the development of showing material, likewise is such. Just these circumstance in instructing with the instructor as the inside. The quest for information throughout honesty, consistency and precise showing technique, in the human culture has been continuing for quite a while, it's an extraordinary preferred position. The fundamental bit of leeway is to make understudies before long can get a great deal of subjects in the educational plan arrangement of information, strong essential information, showing content simple to get a handle on. Since over the span of educating isn't to surrender predictable, complete and far reaching information, along these lines caused an extremely overwhelming weight on understudies, and develop understudies' inventive capacity preparing, the understudies' vitality especially to spend on the recommended courses; likewise, additionally make the understudies are bad at effectively the improvement of reasoning and attempt to encounter some critical thinking, prompting learning activity and innovative enough.

In college course, essential depends on information is given need, the quest for information on reasonable, frameworks, and complete. Since the understudies don't have a clue what sort of information is finished, cognizant and framework, so the educating of the course is difficult to accept the understudy as the principle body, and in light of the fact that lone instructor realize what sort of information is finished, sound and framework, so the educating of the course will need to with the educator as the inside. Instructing is a showing material as the primary transporter of information, so the educational plan showing material accept the understudy as the fundamental body, additionally can't be reflected with instructors as the main present-day training idea.

Uzbek teaching material of engineering graphics with course instructing of "essential", so the reading material fundamentally as per the essential prerequisites as the premise of composing educating, in view of the fixed edge, so various schools composing course readings mirror a similar rationale of information framework, the essential guideline of subject framework, despite the fact that it is helpful to understudies' grip of the subject framework, however the essential same course framework, showing content, and progressively in the educational plan content game plan, talks about compromise is marginally various shades and outlines, building illustrations showing material make the individual has the sentiment of assortment, absence of highlights. The customary designing illustrations instructing in preparing understudies' building designs quality, has no undeniable attributes and their useful aptitudes. The introduction of foreign advanced teaching material of engineering graphics teaching concept, teaching methods, combines the actual conditions of our country, in engineering graphics course, committed to the cultivation of the quality of engineering graphics, will build to form configuration design based on 3D course system. And configuration design as a common thread throughout the course of the system through in each link of traditional teaching of engineering graphics. If in the course of the basic concept of part, configuration design embodies in geometric mapping method and the sketch training; Basic parts in the course of the projection, configuration design is embodied in the form model, with special line with special shape modeling, with special shape the form and the basic body type and their supplementary training such as shape; Basic parts in the course of computer modelling and configuration design is embodied in geometric modeling form principle of using computer software platform, the expression of all sorts of modeling method and form realistic, etc., enable students to master computer to express the principle and method of its configuration design.

In Uzbek teaching material of engineering graphics, highlight the configuration design of body, will effectively cultivate student's creative thinking and engineering consciousness, and cultivate students' innovation ability, thus causes the student to have the quality of engineering graphics, make the engineering graphics course become a part of the students' quality education.

The top of the line college in the western nation, their instructive is anything but difficult to change, since they are not the respectability of the quest for information, deliberate and congruity. They focused on that solitary a specific division, an alumni understudy, what are the fundamental preparing, must have the essential preparing is the information, the understudies ace the information, can graduate. In the wake of moving on from the understudy life in oneself examination, spend a lifetime discovering some new information. Their learning simply powers the understudies' advancement capacity and self-taught capacities [5].

The trustworthiness of the instructing materials ought to be given to guarantee that essential information on the principle subjects need to remember for it, which is the training material contains the primary courses need fundamental information, let understudies effectively comprehend the substance of a subject, particularly the information base, so encouraging material is probably going to be thicker. Contrasted and unfamiliar showing material of building designs, the substance of the household building illustrations encouraging material is not exactly the unfamiliar showing materials, the principle reason is that local building designs course hours contracting, the substance of the instructing material is as per the school to choose, of showing materials, become a relating period inside the recommended period don't talk the substance isn't composed into educating material. The change of the showing material, instructing material ought to be viewed as the trustworthiness of the subject ought to be required for the fundamental establishment information, educators in the study hall not put all the substance from start to finish all talk once more, he just as per the need to browse the center piece of talking. Since the material is finished, and clear, and straightforward, so it is helpful for understudies, is to encourage the understudies' self-study. Ought to mirror the coherence of the engineering graphics teaching, need to accord with human psychological law, to be specific, the substance of the instructing material to bit by bit, essential and auxiliary particular, general moderate, outlined and alluring, understudies can peruse easily, this will likewise typifies understudy focused.

In engineering graphics course, not just focus on the essential hypothesis of instructing, yet in addition focus on the development of the understudies' down to earth aptitudes. The

understudies' viable aptitudes preparing is fundamentally three sorts of training capacity, useful capacity of utilizing PC to communicate their plan thought, use of representations express their structure reasoning of training capacity and practice capacity of designing drawing and understanding example. In designing illustrations educating, will these three commonsense capacities over the span of educational plan, with the goal that the understudies' advancement capacity preparing and preparing throughout various stages are ensured, so the understudies over the span of learning, can ceaselessly fortify its pragmatic aptitudes.

Foreign teaching material of designing graphics dependent on understudies as the inside, has separating highlight particularly in its training, course's concern sets limit is a lot, type, additionally have a drawing, and survey questions, various decision questions and tops off the subject, and so forth. In building designs showing material development in Uzbekistan, the course of showing change, additionally need to accept the understudy as the middle, to consider the understudy over the span of learning have a great deal of time is to self-study, so there ought to be a learning direction in the development of showing material, for example, per part headings, learning goals, the layout, sum up, and so forth; Likewise gave the understudies an approach to test whether they comprehend, that is must have certain activities, tests, and the appropriate response.

Quality instruction is the subject of the execution of value building, to advance quality training, the obligation of each course in the college needed to. Building designs as a specialized establishment course in universities of building, during the instructing of building illustrations course, the train of the understudies' designing designs quality is the solid encapsulation of understudies' quality training. Showing material as a significant showing asset, exploit unfamiliar amazing Designing Illustrations showing material's strategy and mode, fabricate our training material of building illustrations is important to develop understudies' designing designs quality, is additionally a significant part of understudies' quality instruction.

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