OUTCOMES BASED LEARNING MATRIX

Course: ARCH401Architectural Technology Internship **Department:** ARCHITECTURAL TECHNOLOGY

*COURSE OUTCOMES	OUTCOMES ACTIVITIES	ASSESSMENT TOOLS
1. The portfolio presentation is a sample of the student's ability to perform functions as related to the construction industry, some of which are: Draw Plans, Estimate Schedule, Coordinate, Demolish, Built, Select, Specify and Assemble Products.	Student presents & explains portfolio. CT, TS, CC, CS, R, W	Measure the student's ability by comparing phases of completed projects. Oral feedback to explain techniques, reasons, methods, materials, & time frame scheduling of project. Evaluation of employer comments. Evaluation of drawing, sketches, estimates, schedules, & complete work. Response to questions. Evaluation of summary of work. Overall graphic & verbal presentation. Site visit. CT, TS, OC, QS, R
2. Assemble a portfolio of work.	Student organizes presentation. Student composes sections of portfolio pertaining to work by either function or time. Student develops a graphic presentation. Student establishes a format for presentation. CT, OC, CS, W, R	Oral feedback. Draw plans as required, evaluation of report,, photos, diagrams, estimate forms, scheduling forms, organization, employer comments. TS, OC, CS, R

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3. Recognize elements to record on a plan when gathering information to put on a drawing for renovation.	Student develops a framing plan. Student completes a materials schedule. Student explains reasons to record elements such as walls, windows, columns, beams, openings, stairs, etc. CT, TS, OC, QS, R, W	Checklist of drawings. Drawing of drawings, oral feedback, evaluation of completeness, photos of completed work, employer's comments. CT, TS, OC, QS, R, W
4. Design a part of the building.	Student develops finish schedules, plans, elevations & details. Student provides a bar graph for sequence of construction. Student completes drawings & discusses construction methods. CT, TS, QS, R, W	Evaluate drawings for accuracy & completeness. Checklist for all components for details. Oral feedback for reasons & selected methods. Employer evaluation. CT, TS, OC, QS, R, W
5. Sketch plan of work to be performed.	Student develops detail of assembly. Student explains reasons, locate & identify materials. CT, TS, QS, R, W	Plans, elevations, details, oral feedback, evaluation of task, photos, site visit. CT, TS, QS, R, W
6. Describe alternate methods of construction.	Students compare different methods. Students discuss reasons for select type of construction. CT, TS, OC, QS, R, W	Oral feedback, photos, employer evaluation, site visit. CT, TS, OC, QS, R, W

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7. Identify scope of work for a particular phase.	Students discuss methods of assembly pertaining to materials. CT, TS, QS, R, W	Oral feedback, drawings, sketches & written report. CT, TS, QS, R, W
8. Build a portion of a structure.	Students discuss method of construction & materials. Students discuss installation procedures. CT, TS, R, W	Oral feedback, photographs, site visit, employer comments. CT, TS, R, W, OC