



End-of-term Portfolio

Course: Summer 2025 AE 311 A01 (31253)

Research & Development	Missing	Marginal	Satisfactory	Very Good	Excellent	Criterion Score
Idea generation and development	0 points Work is missing.	2.9 points Number of ideas is limited; development process is limited.(Range is from 1.0-2.9)	3.4 points Demonstrates a satisfactory number of ideas and development process.(Range is from 3.0-3.4)	3.9 points Demonstrates a very good variety of ideas and a solid development process.(Range is from 3.5-3.9)	5 points Demonstrates an excellent variety of strong ideas plus an extensive idea development process. (Range is from 4.0-5.0)	/ 5
Research process	0 points Work is missing.	2.9 points Research process is limited in scope.(Range is from 1.0-2.9)	3.4 points Demonstrates satisfactory amounts of research into how design can achieve success. (Range is from 3.0-3.4)	3.9 points Demonstrates a very good research process with a variety of investigations leading to a successful design. (Range is from 3.5-3.9)	5 points Has taken initiative with research, conducting thorough investigations into how the design can achieve excellence. (Range is from 4.0-5.0)	/ 5

Research & Development	Missing	Marginal	Satisfactory	Very Good	Excellent	Criterion Score
Evidence of problem solving	0 points Work is missing.	2.9 points Work shows limited amounts of problem-solving processes; lack of questions posed to further the design process. (Range is from 1.0-2.9)	3.4 points Demonstrates satisfactory amount of questions posed to complete the design-solving problem. (Range is from 3.0-3.4)	3.9 points Demonstrates a very good problem-solving process, with some questions asked in order to reach a successful solution.(Range is from 3.5-3.9)	5 points Demonstrates extensive problem-solving processes in order to push the design to excellence; has asked meaningful questions to help find innovative solutions.(Range is from 4.0-5.0)	/ 5
Written work	0 points Work is missing.	2.9 points Written work has limited detail. (Range is from 1.0-2.9)	3.4 points Written work satisfactorily articulates emerging ideas and basic understanding of topics. (Range is from 3.0-3.4)	3.9 points Written work articulates depth of ideas and good understanding of topics. (Range is from 3.5-3.9)	5 points Excellent or outstanding written work that articulates a deep understanding of ideas and topics, making both meaningful personal and pedagogical connections beyond the classroom. (Range is from 4.0-5.0)	/ 5

Technical Development	Missing	Marginal	Satisfactory	Very Good	Excellent	Criterion Score
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Technical Development	Missing	Marginal	Satisfactory	Very Good	Excellent	Criterion Score
Visual impact of final design	0 points Work is missing.	5.9 points Application of design elements to achieve successful, cohesive results requires more work. (Range is from 1.0-5.9)	6.9 points Satisfactory application of design elements to achieve a cohesive and finished design. (Range is from 6.0-6.9)	7.9 points Project is completed to a very good standard with attention paid to details of the design. (Range is from 7.0-7.9)	10 points Demonstrates excellence in technical skill by finishing work to a very high standard with acute attention to details. (Range is from 8.0-10)	/ 10
Materials and function of final design	0 points Work is missing.	5.9 points Understanding of functionality is marginal; materials are not appropriate for the design. (Range is from 1.0-5.9)	6.9 points Satisfactory understanding of form and function.(Range is from 6.0-6.9)	7.9 points Very good understanding of form and function; materials are used well to create an effective design. (Range is from 7.0-7.9)	10 points Demonstrates excellence in understanding form and function. Materials are used insightfully and cleverly to create impactful designs.(Range is from 8.0-10)	/ 10

Portfolio organization and presentation	Missing	Marginal	Satisfactory	Very Good	Excellent	Criterion Score
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Portfolio organization and presentation	Missing	Marginal	Satisfactory	Very Good	Excellent	Criterion Score
Photography	0 points Work is missing.	1.4 points Photos are small, dark and/or hard to see. (Range is from 0.5-1.4)	1.6 points Photos are adequate; could be a little larger or brighter. (Range is from 1.5-1.6)	1.9 points Photos are mostly large, clear and well lit. (Range is from 1.7-1.9)	2.5 points Photos are well composed, large, clear and well lit with details shown; design is photographed from multiple angles with no additional visual clutter. (Range is from 2.0-2.5)	/ 2.5
Organization	0 points Work is missing.	1.4 points Document does not clearly show development process; and/or Several content items are missing. (Range is from 0.5-1.4)	1.6 points Some consideration has been given to organization; development could be shown more clearly; and/or Some content is missing. (Range is from 1.5-1.6)	1.9 points Document shows good organization of process from start to finish; All required material is included. (Range is from 1.7-1.9)	2.5 points Document shows excellent organization with clearly documented journey from start to finish; All required material (+) is included. (Range is from 2.0-2.5)	/ 2.5

Total

/ 45

Overall Score

Unsatisfactory

0 points minimum
Work demonstrates lack of comprehension.

Marginal

22.5 points minimum
Work is incomplete but shows some understanding of the material.

Satisfactory

27 points minimum
Ideas and technical skill result in a satisfactory portfolio.

Very Good

31.5 points minimum
A very good, solid portfolio that demonstrates proficiency in all areas.

Excellent

36 points minimum
An excellent portfolio that exceeds expectations, demonstrating initiative and superior understanding in all areas.