

College of Technology and Computer Science

Department of Technology Systems

B.S. In Design

Concentration in Architectural Technology

Program Coordinator: Dr. Robert Chin, chinr@ecu.edu, 252-328-9640

Prepares graduates for careers in architectural and engineering firms, site development, building construction, and related fields.

Graduates develop plans, specifications, construction drawings and related architectural and construction documentation.

Course work includes areas such as architectural drafting, computer-assisted drafting and design, construction methods and materials, environmental systems, building codes and standards, structural principals, cost estimation, planning documentation, visual communication skills, display production, and architectural office management.

Please note that this is a **recommended** sequence and should only be used as a guide.

Check the catalog for prerequisites.

Course availability may vary from semester to semester.

FRESHMAN YEAR					
CC Equivalent	Fall Semester		CC Equivalent	Spring Semester	
Eng 111	ENGL 1100	3	Eng 112,113, or 114	ENGL 1200	3
Psy 150	PSYC 1000	3	Hea 110	HLTH 1000	2
	ITEC 2010	3	Mat 161	MATH 1065	3
	Humanities/Fine Art	3		DESN 2034, 2035	3,0
CIS 110	ITEC 2000	3		MANF 2020, 2021	3,0
Ped 110	EXSS 1000	1	Bus 115	FINA 2244	3
		16			17
SOPHOMORE					
Phy 151	PHYS 1250, 1251	3,1	Phy 152	PHYS 1260, 1261	3,1
Mat 162	MATH 1074	2		DESN 3032, 3033	3,0
	ITEC 2080, 2081	3,0		ITEC 2090, 2091	3,0
	DESN 2036, 2037	3,0	Eco 251	ECON 2113	3
	ITEC 2054, 2055	3,0		DESN 3030, 3031	3,0
		15			16
JUNIOR YEAR					
	PLAN 3021	3		ITEC 4293	3
	DESN 3036,3037	3		ITEC 3300	3,0
	ITEC 3292	3		ITEC 4300	3
	ITEC 3200 or MATH 2283	3		Social Science Elective	3
	ITEC 3290	3	Com 231	COMM 2420 or 2410	3
		15			15
SENIOR YEAR					
	PLAN 4003	3		DESN 3038,3039	3,0
	PLAN 3051	3		Humanities/Fine Art	2
	PSYC 3241	3		ITEC 3800	3
	Humanities/Fine Art	2		Free Elective	1
	Free Elective	3		Free Elective	3
	Free Elective	3		Free Elective	3
		17			15

Notes:

Total hours required for the Design degree is 126 hrs. Up to 63hrs of the degree may be applied from 2 year institutions.

Seeking advisement from a Technology Systems Academic Advisor is strongly encouraged.

Revised: August 2007