

**ARCHITECTURE/ENVIRONMENTAL DESIGN STUDIES/CONSTRUCTION MANAGEMENT DUAL MAJOR  
COLLEGE OF TECHNOLOGY**

**2004-2005**

**B.S. in Technology**

Courses Required for Major

<u>Cooperative Education</u>	<u>12 Hrs.</u>
___ <b>TECH 289 Co-op</b>	<b>4</b>
___ TECH 389 Co-op***	4
___ TECH 489 Co-op***	4
 <u>Concentration</u>	 <u>87 Hrs.</u>
___ <b>ARCH 105 Design Rep. I</b>	<b>3</b>
___ <b>ARCH 205 Design Rep. II</b>	<b>3</b>
___ <b>ARCH 222 Design Studio 1</b>	<b>3</b>
___ <b>ARCH 231 History Arch**</b>	<b>3</b>
___ <b>ARCH 236 Mech &amp; Elec Sys.</b>	<b>3</b>
___ ARCH 271 Arch CAD I	3
___ ARCH 321 Design Studio 2	6
___ ARCH 332 Design Studio 3	6
___ ARCH 336 Arch. Bldg Sys.	3
___ ARCH 337 Mech & Elec Sys II	3
___ ARCH 331 Theory in Arch	3
___ ARCH 421 Design Studio 4	6
___ ARCH 422 Design Studio 5	6
___ <b>CONS 235 Intro. Cons.</b>	<b>3</b>
___ CONS 318 Surveying	3
___ CONS 320 Computer Appl.	3
___ CONS 335 Mtl. of Cons	3
___ CONS 336 Struct. Desn.	3
___ CONS 406 Concrete Struc.	3
___ CONS 435 Const. Methods	3
___ CONS 439 Const. Estimat.	3
___ CONS 440 Const. Contracts	3
___ CONS 442 Const. Scheduling	3
___ <b>DESN 131 CAD I</b>	<b>3</b>
___ <b>DESN 243 Statics &amp; Stren.</b>	<b>3</b>

Other Required Courses

<u>University</u>	<u>32-33 Hrs.</u>
___ <b>ENG 112 Varieties of Writing</b>	<b>3</b>
___ ENG 388 Intro. Tech Writing	3
___ <b>GEOL 104 Earth Environ.**</b>	<b>4</b>
___ <b>MATH 126 Basic Calculus or</b>	<b>5</b>
___ <b>MATH 131 Calculus I or</b>	
___ <b>MATH 134 &amp; 135 (6 cr)</b>	
___ <b>PHYS 201 College Physics**</b>	<b>5</b>
___ STAT 200 Using Stats	3
___ <b>TECH 101 Tech I</b>	<b>3</b>
___ TECH 302 Tech & Society**	3
___ KNS 313 or ENVH 307	3
 <u>Business Courses</u>	 <u>15 Hrs.</u>
___ ACCT 200 Acct. Concepts	3
___ <b>ECON 202 Microecon.**</b>	<b>3</b>
___ LEGS 301 Business Law	3
___ MGMT 305 Prin. of Mgmt.	3
___ Business Elective %	3
<p>%ECON 203, MIS 200, MGMT 300, MKT 300 and OR 380 or by advisement</p> <p>**These courses may be used to meet University General Education requirements. (ARCH 231 Arch Hist and TECH 302 Tech &amp; Society have been approved for International Perspective)</p> <p>***For TECH 389 &amp; 489 one co-op must be in construction and one in design.</p> <p>Matriculation items are shown in <b>BOLD PRINT</b></p>	

General Education Core Courses\* 24 Hrs.

Natural Sciences#	3
_____	3
_____	
Humanities & Arts#	3
_____	3
_____	
Social & Behavioral Sciences#	3
_____	3
_____	
Cultural Diversity in U.S.#	3
_____	
_____	
Core elective#	3
_____	

\*One selected course must have an international perspective as designated in the approved courses.

#See undergraduate catalog for course list.

Summary

Major	<u>99 Hrs.</u>
Other required courses	<u>47 Hrs.</u>
General Education Core	<u>24 Hrs.</u>
Total minimum program hours	<u>155 Hrs.</u>
Penalty hours	___ Hrs.
Articulation Penalty	___ Hrs.

Please note: Due to the cooperative education requirement, in order to complete this program in five years, it is necessary for the student to either enroll in co-op hours or coursework during the summer as well as during the academic year. If a student is not able to do so, this program will take five years to complete.

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SUGGESTED COURSE OUTLINE**

Courses shown in Bold face are required for matriculation.

Year 1		Year 2		Year 3		Year 4		Year 5	
	CR		CR		CR		CR		CR
<b>ARCH 105 (F)</b>	<b>3</b>	<b>ARCH 205 (F)</b>	<b>3</b>	ARCH 321 (F)	6	ACCT 325 (SP)	3	ARCH 422 (SP)	6
<b>ARCH 231 (F)</b>	<b>3</b>	<b>ARCH 236 (F)</b>	<b>3</b>	ARCH 322 (SP)	6	ARCH 421 (F)	6	Bus. Elect (F)	3
<b>DESN 131 (F)</b>	<b>3</b>	ARCH 271 (F)	3	ARCH 336 (F)	3	CONS 318 (F)	3	CONS 435 (SP)	3
<b>CONS 235 (SP)</b>	<b>3</b>	<b>ARCH 222 (SP)</b>	<b>3</b>	ARCH 337 (SP)	3	CONS 335 (F)	3	CONS 439 (F)	3
CORE ELECT (SP)	3	<b>DESN 243 (SP)</b>	<b>3</b>	ARCH 331 (SP)	3	CONS 320 (SP)	3	CONS 440 (SP)	3
<b>ENG 112 (SP)</b>	<b>3</b>	<b>ECON 202 (F)</b>	<b>3</b>	CONS 336 (SP)	3	CONS 406 (F)	3	CONS 442 (F)	3
<b>GEOL 104 (F)</b>	<b>4</b>	<b>PHYS 201 (F)</b>	<b>5</b>	ENG 388 (F)	3	Core Elect. (SP)	3	Core Elect. (SP)	3
<b>MATH 126 (SP)</b>	<b>5</b>	STAT 200 (SP)	3	TECH 302 (F)	3	LEGS 301 (SP)	3	MGMT 305 (F)	3
<b>TECH 101 (F)</b>	<b>3</b>	TECH 289 (SU)	4	TECH 389 (SU)	4	TECH 489 (SU)	4		
		Safety Class	3						
TOTAL HOURS	30	TOTAL HOURS	33	TOTAL HOURS	34	TOTAL HOURS	31	TOTAL HOURS	27

**BOLD** courses indicate matriculation requirement. To matriculate, overall grade point average (G.P.A.) must be 2.25 or higher, the Technology G.P.A. must be 2.5 or higher and a passing grade on the matriculation examination must be received. All courses required for matriculation must be completed with a letter grade of "C" or better.

A minimum of 40 hours of 300-400 level courses is required for graduation.

**STUDENTS ARE RESPONSIBLE FOR MEETING ALL COLLEGE AND UNIVERSITY REQUIREMENTS AS STATED IN THE UNDERGRADUATE CATALOG.**