

Engineering Technology
Bachelor of Science in Engineering Technology (B.S.E.T.) <039T>
 Civil Area of Emphasis [ET12]
 Catalog Year 2016-17

Fifth Semester				Sixth Semester			
MATH	315	Advanced Technical Math	4.00	GEOL	312	Geology	3.00
ENGL	305	Technical Writing	3.00	CIET	325	Codes, Contracts, and Cost Analysis	3.00
MEET	316	Dynamics ⁽⁴⁾	3.00	CIET	355	Construction Estimating, or MATH 216, or MATH 300-level (+)	3.00
CIET	382	Environmental Engr Technology	3.00	CIET	330	Comp Appl in Hydraulics/Hydrology	3.00
		Technical Speciality Elective ⁽²⁾	3.00			Technical Speciality Elective ⁽²⁾	3.00
			<u>16.00</u>				<u>15.00</u>
Seventh Semester				Eighth Semester			
GEF	6	The Arts and Creativity	3.00	INDT	420	Construction Technology	3.00
CIET	320	Construction Methods & Equipment	3.00	GNET	489	Senior Seminar & Project ⁽³⁾	2.00
INDT	302	Industrial Safety	3.00	GEF	7	Global Studies and Diversity	3.00
DRET	314	Computer Graphics	3.00			Technical Speciality Elective ⁽²⁾	3.00
		Technical Speciality Elective ⁽²⁾	3.00			Technical Speciality Elective ⁽²⁾	3.00
		Advanced CAD Elective ⁽⁵⁾	3.00				<u>3.00</u>
			<u>18.00</u>				<u>14.00</u>
Total hours necessary to earn degree =			63.00				

Notes: ⁽¹⁾ All requirements of the General Education Foundations curriculum must be met. Some of these requirements are normally satisfied by courses taken for the AS degree.

⁽²⁾ To be approved by advisor. See advisor for approved electives. One technical elective will be selected from the following courses: INDT 384, MATH 261, MEET 435 or any CS 200+ or EE 300+ level course approved by both departments. Exceptions require department chair consent. Other technical specialty electives may be selected from the other ELET courses or courses in other Engineering Technology fields or in engineering fields if prerequisite knowledge is sufficient. A minimum of 40 semester hours of upper division courses is required.

⁽³⁾ Capstone Course.

⁽⁴⁾ MAE 242 - Dynamics may be substituted.

⁽⁵⁾ Must take one of the following courses: DRET 284 - Micro Station, DRET 285 - Land & Topographic Design, DRET 286 - Parametric Modeling, DRET 288 - SurvCAD, or DRET 499 - Techniques in GPS/GIS.

REMARK: Students choosing to double major in B.S.E.T. programs must have at least 18 hours of different course work between the two programs.