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## ENGINEERING TECHNOLOGY, ASSOCIATE OF APPLIED SCIENCE

First Semester           DFTG 1405         Introduction to Technical Drawing         4           TECM 1341         Technical Algebra         3           ENTC 1323         Strength of Materials         3           DFTG 1409         Basic Computer-Aided Drafting         4           Hours         14           Second Semester           TECM 1317         Technical Trigonometry         3           ENTC 1391         Special Topics in Engineering Technology, General         3           ENTC 1443         Statics         4           ELMT 1305         Basic Fluid Power         3           ELMT 1305         Basic Fluid Power         3           Third Semester           GEOL 1303         Physical Geology         3           GEOL 1303         Physical Geology Laboratory         1           Hours         4           Fifth Semester           ENGL 1301         Composition I         3           Fifth Semester           INMT 1319         Manufacturing Processes         3           ENTC 1491         Special Topics in Engineering Technology, General         4           INMT 1343	Course	Title	Hours
TECM 1341         Technical Algebra         3           ENTC 1323         Strength of Materials         3           DFTG 1409         Basic Computer-Aided Drafting         4           Hours         14           Second Semester           TECM 1317         Technical Trigonometry         3           ENTC 1391         Special Topics in Engineering Technology, General         3           ENTC 1443         Statics         4           ELMT 1305         Basic Fluid Power         3           Hours         13           Third Semester           GEOL 1303         Physical Geology         3           GEOL 1303         Physical Geology Laboratory         1           Hours         4           Fourth Semester           ENGL 1301         Composition I         3           Hours         3           Fifth Semester           INMT 1319         Manufacturing Processes         3           ENTC 1491         Special Topics in Engineering Technology, General         4           INMT 1343         Computer Aided Design/Computer Aided         3           MEDIT 1409         DC-AC Circuits <t< td=""><td>First Semester</td><td></td><td></td></t<>	First Semester		
ENTC 1323 Strength of Materials 3 DFTG 1409 Basic Computer-Aided Drafting 4 Hours 14 Second Semester TECM 1317 Technical Trigonometry 3 ENTC 1391 Special Topics in Engineering Technology, General 3 ENTC 1443 Statics 4 ELMT 1305 Basic Fluid Power 3 Hours 13 Third Semester GEOL 1303 Physical Geology 3 GEOL 1103 Physical Geology 4 Fourth Semester ENGL 1301 Composition I 3 Hours 3 Fifth Semester ENGL 1301 Composition I 3 Fifth Semester INMT 1319 Manufacturing Processes 3 ENTC 1491 Special Topics in Engineering Technology, General 4 INMT 1343 Computer Aided Design/Computer Aided Manufacturing CETT 1409 DC-AC Circuits 4 Hours 14 Sixth Semester ENC 2380 Cooperative Education - Engineering Technology, General XXXXX X3XX Language, Philosophy and Culture/Creative Arts Elective (CORE) 3 XXXXX 33XX Social/Behavioral Science Elective (CORE) 3 MATH X3XX Mathematics Elective (CORE) 3 MATH X3XX Mathematics Elective (CORE) 3 MATH X3XX Mathematics Elective (CORE) 3	DFTG 1405	Introduction to Technical Drawing	4
DFTG 1409   Basic Computer-Aided Drafting	TECM 1341	Technical Algebra	3
Hours	ENTC 1323	Strength of Materials	3
Second Semester           TECM 1317         Technical Trigonometry         3           ENTC 1391         Special Topics in Engineering Technology, General         3           ENTC 1443         Statics         4           ELMT 1305         Basic Fluid Power         3           Hours         13           Third Semester           GEOL 1303         Physical Geology         3           GEOL 1103         Physical Geology Laboratory         1           Hours         4           Fourth Semester           ENGL 1301         Composition I         3           Hours         3           Fifth Semester           INMT 1319         Manufacturing Processes         3           ENTC 1491         Special Topics in Engineering Technology, General         4           INMT 1343         Computer Aided Design/Computer Aided         3           Manufacturing         4           CETT 1409         DC-AC Circuits         4           Hours         14           Sixth Semester           ENTC 2380         Cooperative Education - Engineering Technology, General         3	DFTG 1409	Basic Computer-Aided Drafting	4
TECM 1317         Technical Trigonometry         3           ENTC 1391         Special Topics in Engineering Technology, General         3           ENTC 1443         Statics         4           ELMT 1305         Basic Fluid Power         3           Hours         13           Third Semester           GEOL 1303         Physical Geology         3           GEOL 1103         Physical Geology Laboratory         1           Hours         4           Fourth Semester           ENGL 1301         Composition I         3           Hours         3           Fifth Semester           INMT 1319         Manufacturing Processes         3           ENTC 1491         Special Topics in Engineering Technology, General         4           INMT 1343         Computer Aided Design/Computer Aided         3           Manufacturing         4           CETT 1409         DC-AC Circuits         4           Hours         14           Sixth Semester           ENTC 2380         Cooperative Education - Engineering Technology, General         3           XXXX X3XX Language, Philosophy and Culture/Creative Arts El		Hours	14
ENTC 1391 Special Topics in Engineering Technology, General  ENTC 1443 Statics  4  ELMT 1305 Basic Fluid Power  Hours  13  Third Semester  GEOL 1303 Physical Geology  GEOL 1103 Physical Geology Laboratory  Hours  4  Fourth Semester  ENGL 1301 Composition I  Hours  3  Fifth Semester  INMT 1319 Manufacturing Processes  ENTC 1491 Special Topics in Engineering Technology, General  INMT 1343 Computer Aided Design/Computer Aided  Manufacturing  CETT 1409 DC-AC Circuits  Hours  Sixth Semester  ENTC 2380 Cooperative Education - Engineering Technology, General  XXXX X3XX Language, Philosophy and Culture/Creative Arts Elective (CORE)  3  XXXX X3XX Social/Behavioral Science Elective (CORE)  MATH X3XX Mathematics Elective (CORE)  3  MATH X3XX Mathematics Elective (CORE)  13	Second Semester		
ENTC 1443 Statics 4  ELMT 1305 Basic Fluid Power 3  Hours 13  Third Semester  GEOL 1303 Physical Geology 3  GEOL 1103 Physical Geology Laboratory 1  Hours 4  Fourth Semester  ENGL 1301 Composition I 3  Hours 3  Fifth Semester  INMT 1319 Manufacturing Processes 3  ENTC 1491 Special Topics in Engineering Technology, General 4  INMT 1343 Computer Aided Design/Computer Aided Manufacturing  CETT 1409 DC-AC Circuits 4  Hours 14  Sixth Semester  ENTC 2380 Cooperative Education - Engineering Technology, General 3  XXXX X3XX Language, Philosophy and Culture/Creative Arts Elective (CORE) 3  XXXX X3XX Social/Behavioral Science Elective (CORE) 3  MATH X3XX Mathematics Elective (CORE) 3  MATH X3XX Mathematics Elective (CORE) 3	TECM 1317	Technical Trigonometry	3
ELMT 1305         Basic Fluid Power         3           Hours         13           Third Semester           GEOL 1303         Physical Geology         3           GEOL 1103         Physical Geology Laboratory         1           Hours         4           Fourth Semester           ENGL 1301         Composition I         3           Hours         3           Fifth Semester           INMT 1319         Manufacturing Processes         3           ENTC 1491         Special Topics in Engineering Technology, General         4           INMT 1343         Computer Aided Design/Computer Aided         3           Manufacturing         4         4           Hours         14           Sixth Semester           ENTC 2380         Cooperative Education - Engineering Technology, General         3           XXXXX X3XX Language, Philosophy and Culture/Creative Arts Elective (CORE)         3           XXXXX X3XX Social/Behavioral Science Elective (CORE)         3           MATH X3XX Mathematics Elective (CORE)         3           MATH X3XX Mathematics Elective (CORE)         3	ENTC 1391	Special Topics in Engineering Technology, General	3
Hours   Hours   13	ENTC 1443	Statics	4
Third Semester           GEOL 1303         Physical Geology         3           GEOL 1103         Physical Geology Laboratory         1           Hours         4           Fourth Semester           ENGL 1301         Composition I         3           Hours         3           Fifth Semester           INMT 1319         Manufacturing Processes         3           ENTC 1491         Special Topics in Engineering Technology, General         4           INMT 1343         Computer Aided Design/Computer Aided         3           Manufacturing         4         4           Hours         14           Sixth Semester           ENTC 2380         Cooperative Education - Engineering Technology, General         3           XXXX X3XX Language, Philosophy and Culture/Creative Arts Elective (CORE)         3           XXXX X3XX Social/Behavioral Science Elective (CORE)         3           MATH X3XX Mathematics Elective (CORE)         3           MATH X3XX Mathematics Elective (CORE)         3	ELMT 1305	Basic Fluid Power	3
GEOL 1303         Physical Geology         3           GEOL 1103         Physical Geology Laboratory         1           Hours         4           Fourth Semester           ENGL 1301         Composition I         3           Hours         3           Fifth Semester           INMT 1319         Manufacturing Processes         3           ENTC 1491         Special Topics in Engineering Technology, General         4           INMT 1343         Computer Aided Design/Computer Aided         3           Manufacturing         4         4           Hours         14           Sixth Semester           ENTC 2380         Cooperative Education - Engineering Technology, General         3           XXXXX X3XX Language, Philosophy and Culture/Creative Arts Elective (CORE)         3           XXXXX X3XX Social/Behavioral Science Elective (CORE)         3           MATH X3XX Mathematics Elective (CORE)         3           MATH X3XX Mathematics Elective (CORE)         3		Hours	13
Hours   Hours   Fourth Semester	Third Semester		
Hours	GEOL 1303	Physical Geology	3
Fourth Semester           ENGL 1301         Composition I         3           Hours         3           Fifth Semester           INMT 1319         Manufacturing Processes         3           ENTC 1491         Special Topics in Engineering Technology, General         4           INMT 1343         Computer Aided Design/Computer Aided         3           Manufacturing         4           CETT 1409         DC-AC Circuits         4           Hours         14           Sixth Semester           ENTC 2380         Cooperative Education - Engineering Technology, General         3           XXXXX X3XX Language, Philosophy and Culture/Creative Arts Elective (CORE)         3           XXXXX X3XX Social/Behavioral Science Elective (CORE)         3           MATH X3XX Mathematics Elective (CORE)         3           MATH X3XX Mathematics Elective (CORE)         3	GEOL 1103	Physical Geology Laboratory	1
ENGL 1301         Composition I         3           Hours         3           Fifth Semester           INMT 1319         Manufacturing Processes         3           ENTC 1491         Special Topics in Engineering Technology, General         4           INMT 1343         Computer Aided Design/Computer Aided Manufacturing         3           CETT 1409         DC-AC Circuits         4           Hours         14           Sixth Semester           ENTC 2380         Cooperative Education - Engineering Technology, General         3           XXXXX X3XX Language, Philosophy and Culture/Creative Arts Elective (CORE)         3           XXXXX X3XX Social/Behavioral Science Elective (CORE)         3           MATH X3XX Mathematics Elective (CORE)         3           Hours         12		Hours	4
Hours   3	Fourth Semester		
Fifth Semester           INMT 1319         Manufacturing Processes         3           ENTC 1491         Special Topics in Engineering Technology, General         4           INMT 1343         Computer Aided Design/Computer Aided Manufacturing         3           CETT 1409         DC-AC Circuits         4           Hours         14           Sixth Semester           ENTC 2380         Cooperative Education - Engineering Technology, General         3           XXXXX X3XX Language, Philosophy and Culture/Creative Arts Elective (CORE)         3           XXXXX X3XX Social/Behavioral Science Elective (CORE)         3           MATH X3XX Mathematics Elective (CORE)         3           MATH X3XX Mathematics Elective (CORE)         3	ENGL 1301	Composition I	3
INMT 1319   Manufacturing Processes   3		Hours	3
ENTC 1491 Special Topics in Engineering Technology, General  INMT 1343 Computer Aided Design/Computer Aided Manufacturing  CETT 1409 DC-AC Circuits 4  Hours 14  Sixth Semester  ENTC 2380 Cooperative Education - Engineering Technology, General  XXXX X3XX Language, Philosophy and Culture/Creative Arts Elective (CORE) 3  XXXX X3XX Social/Behavioral Science Elective (CORE) 3  MATH X3XX Mathematics Elective (CORE) 3  Hours 12	Fifth Semester		
INMT 1343 Computer Aided Design/Computer Aided Manufacturing  CETT 1409 DC-AC Circuits 4  Hours 14  Sixth Semester  ENTC 2380 Cooperative Education - Engineering Technology, General  XXXX X3XX Language, Philosophy and Culture/Creative Arts Elective (CORE) 3  XXXX X3XX Social/Behavioral Science Elective (CORE) 3  MATH X3XX Mathematics Elective (CORE) 3  Hours 12	INMT 1319	Manufacturing Processes	3
Manufacturing   CETT 1409   DC-AC Circuits   4     Hours   14     Sixth Semester	ENTC 1491	Special Topics in Engineering Technology, General	4
CETT 1409         DC-AC Circuits         4           Hours         14           Sixth Semester           ENTC 2380         Cooperative Education - Engineering Technology, General         3           XXXX X3XX Language, Philosophy and Culture/Creative Arts Elective (CORE)         3           XXXX X3XX Social/Behavioral Science Elective (CORE)         3           MATH X3XX Mathematics Elective (CORE)         3           Hours         12	INMT 1343	Computer Aided Design/Computer Aided	3
Hours 14  Sixth Semester  ENTC 2380 Cooperative Education - Engineering Technology, General  XXXX X3XX Language, Philosophy and Culture/Creative Arts Elective (CORE) 3  XXXX X3XX Social/Behavioral Science Elective (CORE) 3  MATH X3XX Mathematics Elective (CORE) 3  Hours 12		Manufacturing	
Sixth Semester  ENTC 2380 Cooperative Education - Engineering Technology, General  XXXX X3XX Language, Philosophy and Culture/Creative Arts Elective (CORE) 3  XXXX X3XX Social/Behavioral Science Elective (CORE) 3  MATH X3XX Mathematics Elective (CORE) 3  Hours 12	CETT 1409	DC-AC Circuits	4
ENTC 2380 Cooperative Education - Engineering Technology, General  XXXX X3XX Language, Philosophy and Culture/Creative Arts Elective (CORE)  3  XXXX X3XX Social/Behavioral Science Elective (CORE)  3  MATH X3XX Mathematics Elective (CORE)  4  Hours  12		Hours	14
General  XXXX X3XX Language, Philosophy and Culture/Creative Arts Elective (CORE)  3  XXXX X3XX Social/Behavioral Science Elective (CORE)  3  MATH X3XX Mathematics Elective (CORE)  3  Hours  12	Sixth Semester		
XXXX X3XX Social/Behavioral Science Elective (CORE)         3           MATH X3XX Mathematics Elective (CORE)         3           Hours         12	ENTC 2380		3
MATH X3XX Mathematics Elective (CORE)         3           Hours         12	XXXX X3XX Language, Philosophy and Culture/Creative Arts Elective (CORE)		3
Hours 12	XXXX X3XX Social/Behavioral Science Elective (CORE)		3
	MATH X3XX Mathematics Elective (CORE)		
Total Hours 60		Hours	12
		Total Hours	60

Note: All Engineering Technology courses require a grade of "C" or better.