

Engineering Technology Management Track



Fall 2021 Suggested Schedule

Total Credit Hours

120

Freshman – 1 st Semester		14
WSUE102A	First Year Seminar in Tech and Innovation (S&BS + FYS)	3
COMM111	Public Speaking	3
MATH242	Calculus I P: MATH123	5
ENGL101	College English I	3

Freshman – 2 nd Semester		14
General Education - FA		3
MATH243	Calculus II P: MATH242	5
ENGL102	College English II P:ENGL101	3
Technical Elective		3

Sophomore – 1 st Semester		15
ECON201	Principles of Macro Econ - (S&BS) or IME255	3
PHYS313	Physics for Scientists I P/C:MATH243 with 'C' or better	4
PHYS315	University Physics Lab I P: MATH242 P/C: PHYS313	1
BDAM162	Business Software Excel - <i>Recommended Tech Elective</i> P/C: MATH111	1
ENGT201	Introductory Design Project P: WSUE102A, ENGR302 or ID300	1
Technical Elective		5

Sophomore – 2 nd Semester		15
PHYS314/315	Physics for Scientists II P:MATH243 and PHYS313 or	5
CHEM211	General Chemistry I	
ENGR220	Applied Analog and Digital Electronic P: MATH111	3
IME222/L	Engineering Graphics (with lab) P: MATH123	3
Technical Elective (at 300 level or higher)		4

Junior – 1 st Semester		15
IME258	Manufacturing Methods P: MATH123, IME222	3
IME258L	Manuf Methods/Materials Lab C: IME258	1
ACCT210	Financial Accounting P: MATH111 & BADM162	3
MGMT360	Principles of Management P: Junior standing	3
ENGT301	Intermediate Design Project P: ENGT201 or ENGR205	2
Technical Elective		3

Junior – 2 nd Semester		16
MIS310	Fund of Buss App Develop P: Junior standing	3
ENGT312	Applied Statics (<i>spr & su only</i>) P/C: MATH243	3
ENGT354	Statistical Process Control P/C: MATH243	3
BLAW431	Legal Environment of Business P: Junior standing	3
ECON232	Statistical Software Applications P: BDAM162 & MATH111	1
ENGR501	The Engineer as Leader P: Junior standing	3

Senior – 1 st Semester		16
ENGT401	Senior Design Project I P: ENGT301 (fall only)	3
IB333	International Business P: junior standing	3
MKT300	Marketing P: ENGL102, COMM111 & MATH111	3
ENGT664	Engineering Project Management P: ENGT354 P/C: ECON201	3
Technical Elective		4

Senior – 2 nd Semester		15
ENGT 402	Senior Design Project II P: ENGT401 (Spring only)	3
PHIL385	Engineering Ethics P: Junior/senior standing	3
DS350	Intro to Prod. & Oper. Management P: Junior standing	3
HRM466	Fund of Human Resource Mgmt P: Junior standing	3
ENGT441	Analysis of Decision Processes P: ECON201 or IME255	3

NOTES:

All first-time-in-college students must take WSUE 102A within their first two semesters.

Transfer students can take ENGR205 to replace WSUE102A and ENGT201. Extra credit hours may be required

Students must fulfill the Engineer 2020 requirements.

All engineering prerequisites need to be completed with C- or higher