

Bachelor of Science (BS)
Teaching
Degree Code 545*
Concentration Code 545 B

Checksheet for Technology Majors
Technology Education/Secondary Education

I. **CORE CURRICULUM**44

One year of Physics Sequence _____
Any other science sequence would require Physics 1101 _____ (4) (ND)

TEC 2029 _____ (3) (CD/MC/W) Society & Technology (required)

II. **PROFESSIONAL EDUCATION**24

A minimum grade of "C" (2.0) is required in each course.

To be admitted to the College of Education, students must successfully complete the Reading, Writing, and Mathematics areas of the Praxis. Praxis II: Subject Assessments/Specialty Area Tests are required for licensure but not graduation.

*CI/SPE	2800 _____ (3)	(C/W) Teachers, Schools & Learners	Proficiencies:
FDN	3800 _____ (3)	(CD) Foundations of American Education	English _____
PSY	3000 _____ (3)	(CD/MC) Educational Psychology	Reading _____
CI/FDN/RE	3850 _____ (3)	(C) Literacy, Technology & Instruction	Speech _____
CI	4900 _____ (12)	Student Teaching	

*Must be taken before admission to teacher education

III. **MAJOR REQUIREMENTS** 42

18 sh must be completed at Appalachian - An overall 2.0 is required in the major

- TEC 1017 _____ (3) (C) Communications Technology
- TEC 1023 _____ (3) (ND) Introduction to Electronics
- IND 2011 _____ (4) (W) Introduction to Product Design
- TEC 2188 _____ (3) (S) Transportation Systems & Devices
- TEC 2708 _____ (3) Construction Technology & Building Codes
- TEC 3009 _____ (1) Intro to the Technology Teaching Profession
- IND 4557 _____ (3) (S) Design for Manufacture
- *TEC 4660 _____ (3) (S) Instruc Strategies in Career & Tec Ed

- *C I 3010 _____ (1) Classroom Mgt for Secondary Teachers
- OR
- *TEC _____ (1) Approved elective in classroom management

- *TEC 4619 _____ (3) Curr Development in Career & Technology Ed
- *TEC 4629 _____ (3) (C/W) Org & Mgt of Career & Technology Ed

Major Designators	
2 Writing (W)	___ ___
1 Speaking (S)	___
Com Prof	___
Other Designators	
4 Writing (W)	___ ___ ___ ___
(English 1000/1100 will count as 2 W)	
4 Multi-cul (MC)	___ ___ ___ ___
(His 1101/1102 will count as 2 MC)	
2 Num Data (ND)	___ ___
2 Computer (C)	___ ___
1 Cross-dis (CD)	___

6 semester hours of advanced courses from one area _____

6 semester hours of TEC Electives _____

IV. **ACADEMIC CONCENTRATION** 18

Second academic concentration should be chosen only after consultation with major advisor.
Depending on concentration chosen, 3 - 8 sh will double count

-3
-8

V. **FREE ELECTIVES** (to total a minimum of 122 sh) 2

2 sh of free electives outside the major discipline are required

122-127

A CUMULATIVE GPA OF 2.50 IS REQUIRED FOR GRADUATION & LICENSURE

NAME _____ MAJOR Technology Education/Secondary Education

_____ Passed _____ Completed MAT 0010

ENGLISH (6 s.h.)

_____ English 1000 (W)
_____ English 1100 (W) or _____ 1510 (W)

MATHEMATICS (4 s.h.)

_____ Math 1010 (ND, C, CD) _____ Math 1030 (ND, C)
_____ Math 1020 (ND) _____ Math 1110 (ND)
_____ Math 1025 (ND) _____ Math 1120 (ND)

NATURAL SCIENCES (8 s.h. of a sequence)

_____ Astronomy 1001 (ND) _____ 1002 (ND)
_____ Biology 1101(ND) _____ 1102(ND)
_____ Chemistry 1101 (ND),1110 _____ 1102 (ND),1120
_____ Geology 1080 (ND, CD) _____ 1090 (ND, CD) or
_____ Geology 1101 (ND) _____ 1102 (ND, CD) or
_____ Geology 1101 (ND) _____ 1103 (ND) or
_____ Geology 1510 (W, ND) _____ 1511 (W, ND)
* _____ Physics 1101 (ND) _____ 1102 (ND) or
* _____ Physics 1103 (ND) _____ 1104 (ND) or
* _____ Physics 1150 (ND) _____ 1151 (ND)

PHYSICAL ACTIVITY/WELLNESS (2 s.h.)

_____ DAN 1400 (2) _____ 1410 (2) _____ 1420 (2) _____ 2400 (2)
_____ DAN 2410 (2) _____ 2420 (2) _____ 3480 (2) _____ 3580 (2)
_____ FCS 2202 (3)
_____ HP 1105 (2)
_____ MSL 1101(1) _____ 1102 (1)
_____ MUS 1100(1) (May count twice)
_____ PE Activities 1000-1049 (1), _____ 1057 (1), _____ 1071-1080(1)
PE majors only: PE 3008(2)

***Physics Sequence Required for Major**

General Science Sequence:

_____ G.S. Physics 1010 (ND) or _____ G.S. Astronomy 1010 (ND) and _____ G.S. Chemistry 1020 (ND) followed by:
_____ G.S. Geology 1030 (ND) and _____ G.S. Biology 1040 (ND)

SOCIAL SCIENCES (History - 6 s.h.)

_____ History 1101 (MC) & _____ History 1102 (MC) or _____ History 1510 (W, MC) & _____ History 1515 (W, MC) or _____ HIS 1103**(MC)

****If received an "A" in High School World Civ/World His class may take HIS 1103 instead of 1101 & 1102. If taking 1103 must take 3 courses from other Social Sciences in at least 2 different areas.**

OTHER SOCIAL SCIENCES (6 s.h.)

Choose TWO courses from different areas, THREE if HIS 1103 chosen above. (*Approved on a semester by semester basis)

_____ Anthropology 1215 (MC), 1220, 2335 (MC), 2420 (MC)
_____ Appalachian Studies 2411 (W, MC, CD)
_____ Economics 1010, 2030
_____ Family and Consumer Sciences 2103 (C) (FCS 2103 or SOC 1110 to fulfill requirements, but not both)
_____ General Honors 1515* (CD, W*, S*, MC*, ND*, C*), 2515* (CD, W*, S*, MC*, ND*, C*), 2520* (CD, W*, S*, MC*, ND*, C*),
3515* (CD, W*, S*, MC*, ND*, C*)
_____ Geography 1010 or 1510, 1020 (MC) or 1515(MC), 1040 (MC); Planning 2410 (CD) or 2510
_____ Interdisciplinary Studies 1101*,1103*: 1102*, 1104*: 2201*-2206* (W*, S*, MC*, CD*)
Note: Priority enrollment given to Watauga Residential College students
_____ Interdisciplinary Studies 2411 (W, MC, CD), 2421 (MC, CD)
_____ Political Science 1000 (MC), 1100, 1200, 1201 (S), 2120 (MC), 2130, 2240 (MC)
_____ Psychology 1200
_____ Sociology 1000, 1100, 1110, 2700, 2850 (W) (May take FCS 2103 or SOC 1110, but not both)
*Tec 2029 _____ Technology 2029 (W, MC, CD)

***Tec 2029 Required for Major**

HUMANITIES (12 s.h.)

Choose FOUR courses from at least three areas. One course must be a LITERATURE course and one course must be from the fine arts (ART, DANCE, MUSIC or THEATRE). Courses underlined are approved for literature. (*Approved on a semester by semester basis)

_____ Appalachian Studies 2016, 2410 (W, MC, CD)
_____ Art 2011, 2013 (W, MC, CD), 2030 (MC), 2130 (W, MC)
_____ Chinese 1040 (MC), 1050 (MC)
_____ Dance 2014 (MC), 3430 (W, MC)
_____ English 2010 (W), 2020 (W), 2030 (W, MC), 2040 (W, MC), 2100 (W), 2120 (W, MC), 2130 (W, MC), 2310 (W), 2320 (W),
2510 (W), 2515 (W)
_____ English 2170 (W) (counts as a separate area; does not fulfill literature)
_____ Foreign Language 2010 (MC)
+ _____ French 1040 (MC), 1050 (MC), 1060 (MC), 3030 (W,MC), 3040 (W,MC)
_____ General Honors 1515 * (CD, W*, S*, MC*, ND*, C*), 2515* (CD, W*, S*, MC*, ND*, C*), 2520* (CD, W*, S*, MC*, ND*, C*),
3515* (CD, W*, S*, MC*, ND*, C*)
+ _____ German 1040 (MC), 1050 (MC), 1060 (MC), 3015 (W, MC), 3025 (W, MC), 3050 (MC), 3055 (W, MC), 3550 (W, MC)
_____ Interdisciplinary Studies 1101*, 1103*: 1102*, 1104*: 2201*-2206* (W*, S*, MC*, CD*)
Note: Priority enrollment given to Watauga Residential College students
_____ Interdisciplinary Studies 2410 (W, MC, CD), 2420 (MC, CD)
+ _____ Japanese 1040 (MC), 1050 (MC)
_____ Latin 1040 (MC), 1050 (MC), 3010 (MC), 3020 (MC)
_____ Music 2011 (MC), 2013 (W, MC, CD), 2014, 2015, 2016, 2017, 2018 (MC), 2020
Music majors only: 1611 (W, MC), 2611 (MC, CD), 2612 (W, MC, CD), 3611 (W, MC, CD)
_____ Philosophy 1000 (W), 1040 (W), 1100, 2000 (W), 2013 (W, MC, CD) counts as a HUM FA, 2015 (W, MC, CD),
3013 (W, CD), 3600 (W)
_____ Religion 1020 (MC), 2010 (W, MC), 2013 (W, MC, CD) counts as a HUM FA, 2020 (W, MC), 2025 (W, MC), 2026 (W, MC),
2030 (MC), 2040 (W, MC)
_____ Russian 1040 (MC), 1050 (MC)
+ _____ Spanish 1040 (MC), 1050 (MC), 1060 (MC), 3015 (W, MC), 3025 (W, MC), 3050 (W, MC), 3055 (W, MC)
_____ Theatre 2011, 2015 (MC,CD), 2610 (W, S), 3640 (S), 3730 (W, MC,CD),3733 (W,MC,CD), 3735 (W, MC, CD)

+Foreign Language Placement Exam Required before Enrollment