

Bachelor of Science (BS)
 Non-Teaching
 Degree Code 542 A

Checksheet for Technology Majors
 Ind Tec/Construction

I. **CORE CURRICULUM** 44

Any science sequence acceptable; physics preferred

- ECO 2030____(3) Principles of Eco-Price-Theory (required only if Business Minor is chosen)
- TEC 2029____(3) (CD/MC/W) Society & Technology (**Required**)

II. **MAJOR REQUIREMENTS**.....

58-59

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

Introductory Coursework (22 sh)

- TEC 1001____(3) Technical Drafting I
- TEC 2004____(3) Intro to Metals Technology
- TEC 2005____(4) Wood Technology
- TEC 2708____(3) Construction Technology
- TEC 2718____(3) Residential Mechanical Systems
- *TEC 2803____(3) (W/C) Intro to Industrial Applications of Computers

OR

- *TEC 3001____(3) Fundamentals of CADD (**if not used below**)
- TEC 3039____(3) Materials

*General Business Minors should take CIS 1025 (in lieu of TEC 2803) and TEC 3001.
 (Other students having introductory computer coursework or knowledge of computers, may qualify for the same substitution with permission of instructor.)

Advanced Coursework (15 sh)

- TEC 3021____(3) Architectural Standards & Procedures
- TEC 3708____(3) Construction Management
- TEC 3718____(3) Construction Estimating
- TEC 4021____(3) Residential Drafting
- TEC 4708____(3) Building Science

Major Designators	
2 Writing (W)	____ ____
1 Speaking (S)	____
*Com Prof	____
*A "C" minimum in the Communication course within the major satisfies the Communication Proficiency.	
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)	____

Technology Electives/Internship (Choose any 15-16 sh)

- TEC 1023____(3) (ND) Intro to Electronics
- TEC 2011____(3) (W) Product Design I
- TEC 3001____(3) Fundamentals of CADD (**if not used above**)
- TEC 3004____(3) Welding
- TEC 3025____(4) Advanced Wood Technology
- TEC 3807____(3) Safety
- TEC 4608____(3) Renewable Electricity Technology (was 3408)
- TEC 4618____(3) Sustainable Building Design & Construction (was 3418)
- TEC 4628____(3) Solar Thermal Energy Technology
- TEC 4900____(3-6) (W) Internship

Interdisciplinary Courses (6 sh)

- COM 2101____(3) (S) Public Speaking ("**C**" minimum)
- ENG 3700____(3) (W/S) Technical Writing

III. **MINOR REQUIRED (outside the Technology Department)**..... 12 - 18

9 sh of a minor must be completed at Appalachian/Business minors require an overall 2.0
 General Business, Geography, Community & Regional Planning, Interior Design or Sustainable Development are recommended (Each minor differs in number of hours and requirements-see catalog)

IV. **FREE ELECTIVES (to total a minimum of 122 sh)** 3 - 8

3 sh of free electives outside the major discipline are required