Bachelor of Science (BS) Checksheet for Technology Majors
Non-Teaching Building Sciences
Degree Code 577* Construction Management Concentration
Concentration Code 577C

I. CORE CURRICULUM

MAT 1020________(4) or Higher (Required)
TEC 2029________(3) (CD/MC/W) Society & Technology (Required)
ECO 2030________(3) Principles of Eco-Price-Theory (required only if Business Minor is chosen)

SNH 1040 is suggested as a humanities course for students who plan to take SNH 1010 and 1020 for the major.

II. MAJOR REQUIREMENTS

An overall 2.0 GPA is required in the major/18 sh must be completed at Appalachian
(Note: Students with no experience with the internet, e-mail, www, word processing and/or spreadsheets, must take an introductory computer course.)

Introductory Coursework (16 sh)
IND 1001________(4) (C) Technical Drafting
TEC 2708________(3) Construction Technology and Building Codes
TEC 2718________(3) Building Mechanical Systems
TEC 2738________(3) Commercial Construction Technology
TEC 3039________(3) Materials

Advanced Coursework (22 sh)
TEC 3718________(3) (C/ND) Construction Estimating
TEC 3728________(3) Residential Architecture
TEC 3738________(3) Statics and Strengths of Structures
TEC 4103________(3) Leadership in Technical Settings
TEC 4667________(1) Housing & Home Furnishings Seminar
TEC 4708________(3) (CD/ND/W) Building Science
TEC 4718________(3) (C/ND) Construction Management
TEC 4728________(3) (C) Commercial Building Design (was 4721)

Major Electives (18 sh)
Choose one or both (3-7 sh)
TEC 2004________(3) Introduction to Metals
TEC 2005________(4) Wood Technology

AND
Choose 11-15 sh from Electives:
IND 2201________(3) Design Drawing I
IND 3801________(3) (C) CADD I: 3D & Solid Modeling
TEC 3025________(4) Advanced Wood Technology
TEC 3807________(1) Safety
TEC 4608________(3) Photovoltaic System Design & Construction
TEC 4618________(3) Sustainable Building Design & Construction (RECOMMENDED)
TEC 4628________(3) Solar Thermal Energy Technology (RECOMMENDED)
TEC 4900________(3-6) (W) Internship (HIGHLY RECOMMENDED)
*PLN 2410________(3) (C) Town, City and Regional Planning
*PLN 3431________(5) (C/ND/W) Planning Techniques
*PLN 3730________(3) Land Use Regulations

*Cannot be used by students pursuing a Community and Regional Planning Minor
SNH 1010________(3) Beginning Spanish I (RECOMMENDED)
SNH 1020________(3) Beginning Spanish II (RECOMMENDED)

OR
SNH 1030________(6) Accelerated Beginning Spanish (RECOMMENDED)

Note: It is suggested that students taking SNH 1010 and 1020 or SNH 1030 should take SNH 1040 as a Humanity Interdisciplinary Course (3 sh)

COM 2101________(3) (S) Public Speaking (“C” minimum)

III. MINOR REQUIRED (outside the Technology Department)

9 sh of a minor must be completed at Appalachian/Business minors require an overall 2.0 GPA
Recommended Minors are: Community and Regional Planning; General Business, Geography or Sustainable Development.

IV. FREE ELECTIVES

2 sh of free electives outside the major discipline are required
NAME____________________________________________________MAJOR  **Building Sciences/Construction Management**

**ENGLISH (6 s.h.)**
- English 1000 (W)
- English 1100 (W) or 1510 (W)

**NATURAL SCIENCES (8 s.h. of a sequence)**
- Astronomy 1001 (ND) 1002 (ND)
- Chemistry 1101 (ND), 1110 1102 (ND), 1120
- Geology 1080 (ND, CD) 1090 (ND, CD)
- Geology 1101 (ND) 1102 (ND)
- Geology 1101 (ND) 1103 (ND)
- Geology 1510 (W, ND) 1511 (W, ND)
- Physics 1101 (ND) 1102 (ND)
- Physics 1101 (ND) 1102 (ND)
- Physics 1101 (ND) 1103 (ND)
- Physics 1105 (ND) 1110 (ND)

**SOCIAL SCIENCES (History - 6 s.h.)**
- History 1101 (MC) & History 1102 (MC) or History 1510 (W, MC) & History 1515 (W, MC) or History 1103**(MC)

**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)

*Math 1020 or higher Required for Major

**PHYSICAL ACTIVITY/WELLNESS (2 s.h.)**
- PE Activities 1000-1049 (1), 1057 (1), 1071-1080 (1)

**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 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*)
- Geography 1010 or 1510, 1511 (W, MC) or 1515 (W, MC)
- Interdisciplinary Studies 1101*, 1103*; 1102*, 1104*; 2201*-2206* (W*, S*, MC*, CD*)
- Anthropology 1215 (MC), 1220, 2335 (MC), 2420 (MC)
- Art 2011, 2013 (W, MC, CD), 2030 (MC), 2130 (W, MC)
- Chinese 1040 (MC), 1050 (MC)
- Dance 2014 (MC), 3430 (W, MC)
- English 2170 (W) (counts as a separate area; does not fulfill literature)
- Economics 1010 (MC)
- English 2410 (W, MC, CD)
- French 1040 (MC), 1050 (MC), 1060 (MC), 3030 (W, MC), 3040 (W, MC)
- German 1040 (MC), 1050 (MC), 1060 (MC), 3015 (W, MC), 3025 (W, MC), 3050 (MC), 3055 (W, MC), 3550 (W, MC)
- German Honors 1515*(CD, W*, S*, MC*, ND*, C*)
- Interdisciplinary Studies 1101*, 1103*, 1104*, 2201*-2206* (W*, S*, MC*, CD*)
- Interdisciplinary Studies 2410 (W, MC, CD)
- Japanese 1040 (MC), 1050 (MC)
- Latin 1040 (MC), 1050 (MC), 3010 (MC), 3020 (MC)
- 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)
- 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 2111, 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