

| Sunway Code | Name of Course @ Sunway U. | SUN U Credits | Name of Course @ TnTech | TTU Credits | Gen Ed/Major |
|-------------|---------------------------------------|---------------|-------------------------|-------------|------------------------------------|
| ACCT 2013 | Basic Principles in Accounting | 3 | ACCT 2110 | 3 | |
| ACCT 2023 | Management Accounting | 3 | ACCT 2120 | 3 | |
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| ADVS 1013 | Principles of Advertising | 3 | Bus Elective | 3 | |
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| ARTD 1024 | Drawing Techniques and Process | 4 | Art 1040 | 3 | Drawing I |
| ARTD 1034 | History of Art and Design | 4 | Art 1035 (General Ed) | 3 | Introduction to Art |
| ARTD 1044 | Introduction to Computer Graphics | 4 | Art 1250 | 3 | Introduction to Digital Imaging |
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| BIOL 1013 | General Biology | 3 | BIOL 1114 | 3 | GEN ED |
| BIOL 1021 | General Biology Lab | 1 | BIOL 1114 | 1 | GEN ED |
| BIOL 1033 | Introduction to Cell Biology | 3 | BIOL 1105 | 3 | GEN ED |
| BIOL 1041 | Introduction to Cell Biology Lab | 1 | BIOL 1105 | 1 | GEN ED |
| BIOL 1053 | Evolution, Diversity, and Ecology | 3 | ENV Elective | 4 | Elective/ may subst for General Ed |
| BIOL 1061 | Evolution, Diversity, and Ecology Lab | 1 | ENV Elective | 4 | Elective/ may subst for General Ed |
| BIOT 1043 | Introduction to Biotechnology | 3 | Biology Elective | | |
| BIOT 1051 | Introduction to Biotechnology Lab | 1 | Biology Elective | | |
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| BUSN 1013 | Introduction to Business | 3 | Business Elective | 3 | |

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| BUSN 2013 | Introduction to Global Business | 3 | Business Elective | 3 | |
| BUCM 3013 | Business Communications | 3 | BMGT3720 | 3 | Business Communications 1 |
| CHEM 1013 | Chemistry and Society | 3 | CHEM 1010 | 4 | |
| CHEM 1021 | Chemistry and Society Lab General | 1 | | | |
| CHEM 1033 | Chemistry I | 3 | CHEM 1110 | 4 | |
| CHEM 1041 | General Chemistry I Lab | 1 | | | |
| CHEM 1053 | General Chemistry II | 3 | CHEM 1120 | 4 | |
| CHEM 1061 | General Chemistry II Lab | 1 | | | |
| CHEM 2013 | Organic Chemistry I | 3 | CHEM 3010 | 4 | |
| CHEM 2021 | Organic Chemistry I Lab | 1 | | | |
| COMM 1013 | Public Speaking & Presentation Skills | 3 | SPCH 2410 | 3 | GEN ED |
| COMM 1023 | Introduction to Human Communication | 3 | SPCH 1020 | 3 | GEN ED |
| COMM 1043 | Communication and Social Engagement | 3 | elective | | |
| COMM 2013 | Introduction to Communication Theory | 3 | COMM 3100 | 3 | COMM Maj |
| COMM 2023 | Communication Research Methodology | 3 | COMM 3200 | 3 | COMM Maj |
| COMM 2033 | Mass Media and Society | 3 | JOUR 2200 | 3 | GEN ED |

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| COMM 2043 | Intercultural Communication | 3 | Elective | 3 | Elective/ may subst for General Ed |
| COMM 2053 | Organizational Communication | 3 | COMM 2075 | | Intro to Organizational Communication |
| COMM 2063 | Public Relations | 3 | JOUR 3460 | | Intro to Public Relations |
| COMM 3013 | Web Design and Development | 3 | | | |
| COMM 3023 | Persuasion and Social Influence | 3 | COMM 4630 | | Persuasion |
| COMM 3033 | Communications Ethics | 3 | Elective | 3 | Elective/ may subst for Gen Ed |
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| CSCI 1013 | Introduction to Computer Applications | 3 | DS 2810 | | For Business or CSC |
| CSCI 2014 | Information Technology for Business | 4 | CSC 2560 | | for CSC Major or DS in Business |
| CSCP 1014 | Computer Programming, I | 4 | CSC ELEC | 4 | Elective, substitution |
| CSCP 2014 | Computer Programming II | 4 | CSC ELEC | 3 | for CSC Major or DS in Business |
| CSCP 2024 | Data Structures | 4 | CSC 2110 and CSC 2111 | 4 | for CSC Major |
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| ECON 2013 | Microeconomics | 3 | ECON 2010 | 3 | |
| ECON 2023 | Macroeconomics | 3 | ECON 2020 | 3 | |
| ECON 3013 | International Economics | 3 | ECON 4510 | 3 | |
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| EENG 2014 | Circuit Analysis | 4 | ECE 2010 and 2011 Electric Circuits I + Lab | 4 | |
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| ENGL 1014 | Fundamentals of College Writing | 4 | ENGL 1010 | 3 | GEN ED |

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| ENGL 1023 | Film Appreciation | 3 | ENGL Elective | 3 | Elective/ may subst for General Ed |
| ENGL 2014 | Introduction to Critical & Creative Writing | 4 | ENGL 2130/2230/2330 | 3 | |
| ENGR 1023 | Introduction to Mechanical Engineering | 3 | ENGR 1200 | 1 | |
| ENGR 2013 | Basic Statics for Engineering | 3 | CEE 2110 Statics | 3 | |
| ENGR 2023 | Dynamics for Engineering | 3 | ME 2330 Dynamics | 3 | |
| ENGR 2033 | Fundamentals of Thermodynamics | 3 | ME 3210 Thermodynamics | 3 | |
| ENGR 2043 | Introduction to Material Science | 3 | ME 3010 Materials | 3 | |
| ENGR 2053 | Mechanics of Materials | 3 | CEE 3110 Mechanics of Materials | 3 | |
| ENGR 2064 | Digital Logic | 4 | ECE 2110 Digital Systems | 3 | |
| ENGR 2073 | Engineering Graphics | 3 | ENGR 1110 Eng Graphics | 2 | |
| ENGR 2083 | Engineering Instrumentation and Measurement | 3 | ME3023 Measurements | 3 | |
| ENGR 3013 | Control Systems | 3 | ECE 3210 + 3260 Control Systems + Lab | 4 | |
| ENVS 1014 | Introduction to Environmental Studies | 4 | ESS 1100 | 3 | GEN ED |
| FILM 1014 | Introduction to Filmmaking | 4 | General Electives | 4 | |
| FILM 1024 | Film Studies | 4 | gen ed HUFA credit | 4 | |

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| FILM 1034 | Scriptwriting | 4 | General Electives | 4 | |
| FILM 1044 | World Cinema | 4 | gen ed HUFA credit | 4 | |
| FILM 1054 | Filmmaking: Documentary | 4 | General Electives | 4 | |
| FILM 1064 | Editing Techniques 1 | 4 | General Electives | 4 | |
| FILM 1074 | Producing for Film | 4 | General Electives | 4 | |
| FILM 1084 | Directing for Film | 4 | General Electives | 4 | |
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| FINN 3013 | Business Finance | 3 | FIN 3210 Principles/Managerial Fin | 3 | Business |
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| HIST 1013 | Multicultural America | 3 | HIST elective | 3 | Elective/ may subst for General Ed |
| HIST 1023 | U.S. History to 1877 | 3 | HIST 2010 | 3 | GEN ED |
| HIST 1033 | U.S. History since 1877 | 3 | HIST 2020 | 3 | GEN ED |
| HIST 3013 | Intellectual History of the Modern West | 3 | HIST elective | 3 | Elective/ may subst for General Ed |
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| HPEL 1013 | Health and Wellness | 3 | EXPW 2015 Concepts of Health and Wellness | 3 | Education |
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| JRNS 1013 | Introduction to Journalism | 3 | JOURN 2220 | 3 | COMM Maj |
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| MAND 1014 | Mandarin I | 4 | FLST 1011, 1013, 1021 or 1023 | 3 | FL Credit |
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| MATH 1013 | Finite Mathematics | 3 | Math 1630 Finite Math | 3 | GEN ED |
| MATH 1024 | Precalculus | 4 | Math 1730 Precalculus | 4 | GEN ED |

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| MATH 1034 | Calculus I | 4 | Math 1910 Calculus I | 4 | GEN ED |
| MATH 1044 | Calculus II | 4 | Math 1920 Calculus II | 4 | GEN ED |
| MATH 1053 | Discrete Mathematical Structures | 3 | No TTU math equivalent; perhaps CSC 1610 | 3 | GEN ED |
| MATH 1064 | College Algebra | 3 | Math 1710 Precalculus (Algebra) | 3 | GEN ED |
| MATH 2014 | Calculus III | 4 | Math 2110 Calculus III | 4 | GEN ED |
| MATH 3014 | Differential Equations | 4 | Math 2120 Differential Equations | 4 | GEN ED |
| MATH 3024 | Linear Algebra | 4 | Math 2010 Elementary Linear Algebra | 4 | GEN ED |
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| MGMT 2013 | Organizational Behavior | 3 | BMGT3510 | 3 | Management & Organizational Behavior |
| MGMT 2023 | Human Resource Management | 3 | BMGT3630 | 3 | Human Resource Management |
| MGMT 3013 | Business Process Management | 3 | Business/DS Elective | 3 | |
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| MKTG 2013 | Principles of Marketing | 3 | MKT 3400 Princ of Marketing | 3 | Business |
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| MLAB 1014 | Introduction to Matlab | 4 | | | |
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| MU1 2133 | Malay Language Communication Level II | 3 | FLST 1011, 1013, 1021 or 1023 | 3 | FL Credit |
| MU1 2143 | Islamic and Asian Civilization Studies | 3 | FLST 1011, 1013, 1021 or 1023 | 3 | FL Credit |
| MU1 2153 | Ethnic Relations | 3 | Social/Behavioral gen ed cr. | 3 | FL Credit |
| MU1 2173 | Malaysian Studies | 3 | FLST 1011, 1013, 1021 or 1023 | 3 | FL Credit |
| MU4 2612 | Community Service | 2 | LIST 3093 Serv Learning | 2 | Elective |

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| MUSC 1012 | Large Ensemble I | 2 | MUS 1085,1025,1033,1077,1060,1045,1040 | 1 | any one is equivalent |
| MUSC 1013 | Music Appreciation | 3 | MUS 1030 Music Appreciation | 3 | GEN ED |
| MUSC 1014 | World Music | 4 | MUS 2030 | 3 | |
| MUSC 1022 | Chamber Music I | 2 | MUS 1005 | 1 | |
| MUSC 1023 | Principal Study II | 3 | no equivalent-elective | 3 | |
| MUSC 1024 | Music Theory and Musicianship I | 4 | MUS 1120, 1130 | 4 | |
| MUSC 1032 | Song and Aria Class I | 2 | MUS 1210 | 1 | |
| MUSC 1034 | Audio Recording and Production | 4 | MUS 4250 | 2 | |
| MUSC 1042 | Large Ensemble II | 2 | MUS 1085,1025,1033,1077,1060,1045,1040 | 1 | |
| MUSC 1044 | Music Theory and Musicianship II | 4 | MUS 1140, 1150 | 4 | |
| MUSC 1054 | Applied Contemporary Musicianship I | 4 | MUS 1081 | 1 | |
| MUSC 1064 | Recording Studio Techniques | 4 | MUS 4250 | 2 | |
| MUSC 1074 | Applied Contemporary Musicianship II | 4 | MUS 4250 | 2 | |
| MUSC 1084 | Music Theory and Musicianship III | 4 | MUS 1140, 1150 | 4 | |
| MUSC 1033 | American Pop Music | 3 | elective | 3 | |
| PHIL 1013 | Introduction to Philosophy | 3 | PHIL 1030 | 3 | |
| PHYS 1014 | College Physics I | 4 | PHYS 1014 + PHYS 1021 = PHYS 2010 (4 cr) @ TTU | 4 | |

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| PHYS 1021 | College Physics I Lab | 1 | PHYS 1014 + PHYS 1021 = PHYS 2010 (4 cr) @ TTU | 1 | |
| PHYS 1034 | College Physics II | 4 | PHYS 1034 + PHYS 1041 = PHYS 2020 (4 cr) @ TTU | 4 | |
| PHYS 1041 | College Physics II Lab | 1 | PHYS 1034 + PHYS 1041 = PHYS 2020 (4 cr) @ TTU | 1 | |
| PHYS 2014 | Physics I | 4 | PHYS 2014 + PHYS 2021 = PHYS 2110 (4 cr) @TTU | 4 | |
| PHYS 2021 | Physics I Lab | 1 | PHYS 2014 + PHYS 2021 = PHYS 2110 (4 cr) @TTU | 1 | |
| PHYS 2034 | Physics II | 4 | PHYS 2034 + PHYS 2041 = PHYS 2120 (4 cr) @ TTU | 4 | |
| PHYS 2041 | Physics II Lab | 1 | PHYS 2034 + PHYS 2041 = PHYS 2120 (4 cr) @ TTU | 1 | |
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| POLS 2014 | International Relations | 4 | POLS 3610 | 3 | International Politics |
| POLS 2023 | American Government and Politics | 3 | POLS 1030 | 3 | American Government |
| POLS 3013 | Asia Pacific Today | 3 | POLS 4960 | 3 | Seminar in World Politics |
| POLS 3024 | American Foreign Policy | 4 | POLS 3670 | 3 | Foreign Policy |
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| PSYC 1013 | Introduction to Psychology | 3 | PSY 2010 | | GEN ED |
| PSYC 1023 | Developmental Psychology | 3 | PSY 2130 | | GEN ED |
| PSYC 2013 | Abnormal Psychology | 3 | GENERAL ELECTIVE | | GEN ED |
| PSYC 2023 | Social Psychology | 3 | GENERAL ELECTIVE | | GEN ED |
| PSYC 3023 | Research Methods in Psychology | 3 | Upper Division PSY Elective | | PSY Elective |
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| RELS 1013 | Survey of World Religions | 3 | RELS 2010 | 3 | GEN ED |

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| RELS 3014 | World Mythology | 4 | RELS Elective | 3 | Elective |
| SOCY 1013 | Principles of Sociology | 3 | SOC 1010 | 3 | |
| STAT 2014 | Introduction to Statistics with SPSS Lab | 4 | Math 1530 Introductory Statistics | | |
| STAT 2024 | Statistics for Engineering with SPSS Lab | 4 | Math 3070 Statistical Methods I | | |
| STAT 2034 | Probability and Statistics | 4 | Math 3470 Introduction to Probability and Statistics | | |
| THEA 1013 | Introduction to Theatre | 3 | Thea 1030 | | |
| UNIL 1011 | University Life – Freshman Seminar | 1 | UNIV 1030 | | |