Technological Sciences (TSC)

TSC 2000 Special Topics in Technological Sciences: Materials Science in Alternative Energy - Wind & Solar .................................. 2 Credit Hours
English/ESL Placement: Placement into ENG 1060 or higher (or placement into ESL 2510 or higher for students taking the ESL sequence of courses).
Prerequisite: Consent of instructor.
Materials Science in Alternative Energy: Wind & Solar. BILLABLE CONTACT HOURS: 2

TSC 2001 Special Topics in Technological Sciences: Substation Electrical Controls .............................................................. 3 Credit Hours
English/ESL Placement: Placement into ENG 1060 or higher (or placement into ESL 2510 or higher for students taking the ESL sequence of courses).
Prerequisite: Consent of instructor.
Substation Electrical Controls. BILLABLE CONTACT HOURS: 3

TSC 2002 Special Topics in Technological Sciences: Engineering Design ........................................................ 1 Credit Hour
English/ESL Placement: Placement into ENG 1060 or higher (or placement into ESL 2510 or higher for students taking the ESL sequence of courses).
Prerequisite: Consent of instructor.
Engineering Design. BILLABLE CONTACT HOURS: 1

TSC 2003 Special Topics in Technological Sciences: Apprentice Readiness .............................................................. 4 Credit Hours
English/ESL Placement: Placement into ENG 1060 or higher (or placement into ESL 2510 or higher for students taking the ESL sequence of courses).
Prerequisite: Consent of instructor.
Apprentice Readiness. BILLABLE CONTACT HOURS: 4

TSC 2004 Special Topics in Technological Sciences: Mechanical Gears and Linkages ...................................................... 3 Credit Hours
English/ESL Placement: Placement into ENG 1060 or higher (or placement into ESL 2510 or higher for students taking the ESL sequence of courses).
Prerequisite: Consent of instructor.
Mechanical Gears and Linkages. BILLABLE CONTACT HOURS: 3

TSC 2008 Special Topics in Technological Sciences: Personal Computer Software ......................................................... 2 Credit Hours
English/ESL Placement: Placement into ENG 1060 or higher (or placement into ESL 2510 or higher for students taking the ESL sequence of courses).
Prerequisite: Consent of instructor.
Personal Computer Software. BILLABLE CONTACT HOURS: 2

TSC 2010 Special Topics in Technological Sciences: Apprentice Readiness .............................................................. 1 Credit Hour
English/ESL Placement: Placement into ENG 1060 or higher (or placement into ESL 2510 or higher for students taking the ESL sequence of courses).
Prerequisite: Consent of instructor.
Apprentice Readiness. BILLABLE CONTACT HOURS: 1

TSC 2011 Special Topics in Technological Sciences: Fundamentals of Pipefitting ......................................................... 2 Credit Hours
English/ESL Placement: Placement into ENG 1060 or higher (or placement into ESL 2510 or higher for students taking the ESL sequence of courses).
Prerequisite: Consent of instructor.
Fundamentals of Pipefitting BILLABLE CONTACT HOURS: 2

TSC 2012 Special Topics in Technological Sciences: Mechatronics Capstone ................................................................. 2 Credit Hours
English/ESL Placement: Placement into ENG 1060 or higher (or placement into ESL 2510 or higher for students taking the ESL sequence of courses).
Prerequisite: Consent of Instructor.
Mechatronics Capstone. BILLABLE CONTACT HOURS: 2

TSC 2014 Special Topics in Technological Sciences: Shopfloor Networking ................................................................. 2 Credit Hours
English/ESL Placement: Placement into ENG 1060 or higher (or placement into ESL 2510 or higher for students taking the ESL sequence of courses).
Prerequisite: Consent of Instructor.
Shopfloor Networking. BILLABLE CONTACT HOURS: 2

TSC 2016 Special Topics in Technological Sciences: Custom Paint ................................................................. 2 Credit Hours
English/ESL Placement: Placement into ENG 1060 or higher (or placement into ESL 2510 or higher for students taking the ESL sequence of courses).
Prerequisite: Consent of Instructor.
Custom Paint. BILLABLE CONTACT HOURS: 2

TSC 2019 Special Topics in Technological Sciences: Pre-Apprentice College Readiness ......................................................... 1 Credit Hour
English/ESL Placement: Placement into ENG 1060 or higher (or placement into ESL 2510 or higher for students taking the ESL sequence of courses).
Prerequisite: Consent of Instructor.
Topics in Technological Sciences will provide students with a focus on Engineering and/or Technology related applications. The topics will vary from semester to semester and will be announced in the corresponding Schedule of Classes. BILLABLE CONTACT HOURS: 1

TSC 2020 Special Topics in Technological Sciences: Advanced Machine Tool ................................................................. 3 Credit Hours
English/ESL Placement: Placement into ENG 1060 or higher (or placement into ESL 2510 or higher for students taking the ESL sequence of courses).
Prerequisite: Consent of Instructor.
Advanced Machine Tool. BILLABLE CONTACT HOURS: 3