2017-2018 Catalog Addendeum

COLLEGE TRANSFER

Page 44	ADD: Associate in Arts (AA-DTA Transfer Degree)
Page 45	ADD: Associate in Arts/Specializations - Psychology
Page 57	CHANGE: Associate of Science in Electrical and Computer Engineering
Page 61	ADD: POLS& 201 to Social Sciences list
Page 62	ADD: SOC 255 to Social Sciences list
Page 63	ADD: SOC 265 to Multicultural list
Page 64	CHANGE & ADD: American Ethnic and Gender Studies
Page 65	ADD: Global Studies
Page 67	CHANGE: Capstone Experience

BACHELOR DEGREES

Page 66	CHANGE: Bachelor Degrees
Page 67	CHANGE: Intro paragraph to BAS in Health Information
	Move LS 301 from General Education to Core Requirements
Page 68	ADD: Bachelor of Applied Science - Community Health

CAREER TRAINING

Page 68	ADD: Info re Associate in Applied Science Transfer (AAS-T) degree
Page 69	ADD: Allied Health and Nursing AAS-T degrees, Certified Nursing Assistant, Limited License Legal Technician
	DELETE: AAS Nursing degree
Page 73	ADD: Allied Health degree
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TRANSITIONAL STUDIES

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CREDIT COURSE DESCRIPTIONS

Page 113	ADD: paragraph to Common Course Numbering
Page 126-128	ADD: Community Health Professional classes
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Page 138	CHANGE: Intro paragrph to Engineering
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Associate in Arts

(AA-DTA Transfer Degree)

The Associate in Arts (AA-DTA) degree is designed for students who plan to transfer to a four-year college or university and plan to pursue majors toward a Bachelor of Arts degree. Students pursuing the Associate in Arts (AA-DTA) degree at TCC may select a specialization from the list below and will be assigned TCC advisors who understand the specialization requirements in addition to the general requirements associated with this degree. Some classes required for the specializations for the AA degree are offered only once or twice a year. Students should work closely with Associate in Arts advisors to plan the selection and sequencing of courses for their degree.

Option A Degree (DTA Transfer Degree)

This TCC degree is directly transferable to most Washington baccalaureate institutions (four-year colleges and universities). The Associate in Arts is a general transfer degree appropriate for a wide variety of major areas of study. Students who complete this degree will normally have satisfied the General Education (distribution) requirements and be granted junior standing upon transferring to Washington baccalaureate institutions. While this degree does not guarantee admission, completion of the degree is a criterion for acceptance by many colleges and universities.

Specialization Courses (0-30 credits)

Complete the courses required for your specialization as part of your AA degree. See the detailed course requirements of approved specializations listed below. The specialization courses should be applied toward the degree requirements.

Basic Requirements (15 credits)

WRITTEN COMMUNICATION SKILLS (10 CREDITS)

» ENGL& 101 ..... English Composition I
» ENGL& 102..... Composition II: Argument & Persuasion
or ENGL 103 ..... Composition III: Writing about Literature

QUANTITATIVE SKILLS (5 CREDITS)

Select from the courses listed below. Each of these courses carries a prerequisite of MATH 95, MATH 140 or TMATH 100.

» MATH& 107 ..... Math in Society
» MATH& 131 ..... Math for Elementary Education 1
» MATH& 132 ..... Math for Elementary Education 2
» MATH 136..... Inferential Statistics
» MATH& 141 ..... Precalculus I
» MATH& 142 ..... Precalculus II
» MATH& 146 ..... Introduction to Statistics
» MATH 147..... College Algebra for Business & Economics
» MATH& 148 ..... Business Calculus
» MATH& 151 ..... Calculus I
» MATH& 152 ..... Calculus II
» MATH& 153 ..... Calculus III
» MATH 220 ..... Linear Algebra
» MATH 238 ..... Elements of Differential Equations
» MATH& 254 ..... Calculus IV

Distribution Requirements (60 credits)

Individual credits may be counted in only one distribution area.

HUMANITIES (15 CREDITS)

» Select courses from the Approved Distribution Course List, Humanities section. Courses must be selected from at least two disciplines. No more than five credits of performance/ skills course(s) can be used to satisfy this requirement.

SOCIAL SCIENCES (15 CREDITS)

» Select courses from the Approved Distribution Course List, Social Sciences section. Courses must be selected from at least two disciplines.

NATURAL SCIENCES (15 CREDITS)

» Select courses from the Approved Distribution Course List, Natural Sciences section. Courses must be selected from at least two disciplines and must include at least two laboratory courses.

MULTICULTURAL (5 CREDITS)

» Select one course from the Approved Distribution Course List, Multicultural section. (See NOTE on Distribution List.)

PHYSICAL EDUCATION (3 CREDITS)

» Any three activity credits. The following PE courses do not count as activity credits: PE 190, PE 191, PE 285, PE 292.
» No more than three PE activity credits apply toward the degree.

DISTRIBUTION ELECTIVES (7 CREDITS)

Distribution electives must be selected from courses listed under Basic Requirements, Humanities, Social Sciences, or Natural Sciences. Students are advised to take at least one writing intensive course (other than a written communication skills course) as part of their degree requirements and electives. Approved Writing Intensive courses are designated at the end of the Approved Distribution Course List and in the course description section.

Other College-Level Electives (15 credits)

» All elective credits must be selected from courses numbered 100 or above. PE activity credits cannot be used as electives.

Total: 90 credits

Associate in Arts / Specializations

PSYCHOLOGY

The following course set fulfills the specialization requirement of the Associate in Arts degree and is appropriate for students seeking to pursue a major in psychology at a four-year university.

SPECIALIZATION COURSES (30 CREDITS)

» PSYC& 100 ..... General Psychology
» PSYC 202 ..... Biopsychology
» Select two (2) of the following:
  - PSYC& 180..... Human Sexuality
  - PSYC& 200 ..... Lifespan Psychology
  - PSYC 205 ..... Introduction to Personality
  - PSYC& 220..... Abnormal Psychology
  - PSYC 240 ..... Social Psychology
» PSYC 209 ..... Fundamentals of Psychological Research
» Select one (1) of the following:
  - MATH 136..... Inferential Statistics
  - MATH& 146 .... Introduction to Statistics

Option B Degree

This TCC degree option is awarded in fields of study for which the transfer requirements of a four-year college or university differ significantly from TCC's Option A requirements and no major related degree exists.

Option B degrees are designed to transfer only to specific programs within specific four-year colleges or universities. Students who are uncertain where they will transfer or which program/major they will pursue should consult with their advisors. Such students may be better served by pursuing Associate in Arts Option A degrees or other major-related transfer degrees.

Students who know to which programs and institutions they plan to transfer and are interested in Option B degrees, should consult with advisors at their intended transfer institutions regarding program requirements. They should also be assigned to a designated TCC Option B faculty advisor for their specific major-related areas, preferably by the end of their first TCC year.

Two quarters before TCC graduation, Option B students should complete the Option B application form, available from the Enrollment Services credentials evaluator, Bldg. 7. The Option B application must be signed by student's Option B advisor and include copies of the requirements or recommendations published by the four-year institutions or written recommendations by an undergraduate departmental advisor of the four-year institutions. Student's Option B advisor can assist with these forms.

While Option B advisors provide assistance, students pursuing Option B degrees are responsible for securing adequate assurances from their four-year institutions that their Option B programs will be accepted by the transfer institution.

DTA: Direct Transfer Agreement
See Approved Distribution Course List on page 60.

Associate of Science in Electrical and Computer Engineering

(MRP AS Transfer Degree)

TCC's AS-T in Electrical and Computer Engineering is a state recognized Major Related Program (MRP) designed for students who plan to transfer to a Bachelor of Science degree program in one of the engineering disciplines listed. This MRP degree is generally the best fit for Electrical Engineering majors. Computer Engineering majors may find that the Associate of Science Computer Engineering Specialization better fits their bachelor's degree requirements. Upon completion of this degree, students will be able to transfer to most four-year colleges and universities as juniors. Entry into many engineering programs is competitive. Completion of this degree does not guarantee admission into a specific engineering program. Students should work with advisors at TCC and their university advisors to make sure that all entry requirements are met.
Program Learning Outcomes

Upon successful completion of any Associate of Science Degree Engineering specialization, students will:

- Apply knowledge of mathematics and science to engineering related problems. (COK, CRT)
- Design a system, component, program or process to meet desired needs. (COK, COM, CRT, IIT, LWC, RES)
- Conduct scientific experiments, analyze and interpret the resulting data. (COK, CRT)
- Communicate design ideas, solutions to engineering related problems or results of scientific experiments effectively, using both English and mathematical languages. (COK, COM, CRT, IIT)
- Function effectively on a team to produce a cohesive and professional work product. (COK, COM, CRT, IIT, LWC, RES)

DEGREE COMPLETION REQUIREMENTS

- 103 quarter credit hours listed in the degree. (Since many of these classes have prerequisites, the total number of credit hours required may be greater than 103).
- At least 30 applicable credits must be earned at Tacoma Community College.
- A cumulative grade point average of 2.00 in all coursework applied to the degree, and a cumulative grade point average of 2.0 in all TCC college level courses.
- At least one course applied to the degree must be selected from the list of approved multicultural courses in the Approved Distribution Course list and in the Credit Course Descriptions.

Basic Requirements (15 credits)

» ENGL& 101
» MATH& 151, 152

Humanities and Social Sciences (15 credits)

» Humanities course from approved distribution list - ENGR& 114 recommended.
» Social Science course from approved distribution list - ENGR& 104* recommended.
» Select five additional Humanities or Social Science credits from the approved distribution list. (At least one course selected from Humanities or Social Sciences must be an approved multicultural course as identified on the approved distribution list.)

Required Specialization Courses (48 credits)

» MATH& 153, MATH 220, 238
» CS 142
» PHYS& 221, 222, 223
» CHEM& 161
» ENGR& 204

Additional Specialization Courses (25 credits)

Select five of the following classes as appropriate for intended major and bachelor's institution.

» BIOL& 222
» CS 143
» CHEM& 162
» MATH& 254
» ENGR& 104*, 214, 215, 224, 240
» ENGL& 235

*ENGR& 104 may be taken either to meet Social Science requirement or to meet additional specialization course requirement, but not both.

Note: Most classes on this list have prerequisites. Students who are not ready for MATH& 151 and ENGL& 101, and those who have not taken high school chemistry will require additional classes.

MRP: Major Related Program
See Approved Distribution Course List on page 60.

MUSC	134	Applied Lessons: Percussion 1 (P/S)
MUSC	135	Applied Lessons: Keyboard 1 (P/S)
MUSC	136	Applied Lessons: Voice 1 (P/S)
MUSC&	141	Music Theory I
MUSC&	142	Music Theory II
MUSC&	143	Music Theory III
MUSC	152	Chamber Choir I (P/S)
MUSC	155	Gospel Choir (P/S)
MUSC	160	Orchestra I (P/S)
MUSC	161	Symphonic Band I (P/S)
MUSC	165	Jazz Band I (P/S)
MUSC	179	Special Topics in Music
MUSC	230	Private Vocal or Instrumental Instruction
MUSC	231	Applied Lessons: Strings 2 (P/S)
MUSC	232	Applied Lessons: Brass 2 (P/S)
MUSC	233	Applied Lessons: Woodwind 2 (P/S)
MUSC	234	Applied Lessons: Percussion 2 (P/S)
MUSC	235	Applied Lessons: Keyboard 2 (P/S)
MUSC	236	Applied Lessons: Voice 2 (P/S)
MUSC	252	Chamber Choir II (P/S)
MUSC	260	Orchestra II (P/S)
MUSC	261	Symphonic Band II (P/S)
MUSC	265	Jazz Band II (P/S)
PHIL&	101	Introduction to Philosophy

(P/S) = Performance/Skills courses. No more than five credits of Performance/Skills courses may be used to satisfy the Humanities distribution requirement.

WORLD LANGUAGES (DISCIPLINE):

ARAB 121, 122, 123	Arabic 1, 2, 3
CHIN& 121, 122, 123	Chinese 1, 2, 3
FRCH& 121, 122, 123	French 1, 2, 3
GERM& 121, 122, 123	German 1, 2, 3
JAPN& 121, 122, 123	Japanese 1, 2, 3
SPAN& 121, 122, 123	Spanish 1, 2, 3
SPAN& 221, 222, 223	Intermediate Spanish 1, 2 3

Social Sciences

ANTH&	100	Survey of Anthropology
ANTH&	204	Archaeology
ANTH&	205	Biological Anthropology
ANTH&	206	Cultural Anthropology
ANTH&	207	Linguistic Anthropology
ANTH&	210	Indians of North America
ANTH	220	Ethnographies of American Cultures
ANTH&	237	Human Osteology
ANTH&	245	Primatology
BUS&	101	Introduction to Business
BUS	150	Global Business
BUS&	201	Business Law
ECON&	201	Micro Economics
ECON&	202	Macro Economics
EDUC	220	Diversity in Education
ENGR&	104	Introduction to Engineering and Design
GEOG	110	Geography of the Pacific Rim
HIST&	126	World Civilizations I
HIST&	127	World Civilizations II
HIST&	128	World Civilizations III
HIST&	146	U.S. History I
HIST&	147	U.S. History II
HIST&	148	U.S. History III
HIST	210	History of Modern Europe
HIST	211	History of China
HIST&	214	Pacific Northwest History
HIST&	219	Native American History
HIST&	220	African-American History
HIST	230	History of Japan
HIST	231	American History, American Film
HIST	240	Religion in America
HIST	244	The 1960s
HIST	249	America and the Rise to Globalism
POLS&	101	Introduction to Political Science
POLS&	201	Introduction to Political Theory
POLS&	202	American Government
POLS&	203	International Relations
POLS	231	Politics and Film
POLS	240	Environmental Politics and Sustainability
PSYC&	100	General Psychology
PSYC&	180	Human Sexuality
PSYC&	200	Lifespan Psychology
PSYC	202	Biopsychology
PSYC	205	Introduction to Personality

PSYC	209	Fundamentals of Psychological Research
PSYC&	220	Abnormal Psychology
PSYC	240	Social Psychology
SOC&	101	Introduction to Sociology
SOC	120	Introduction to Women's Studies
SOC&	201	Social Problems
SOC	205	Sociology of African Americans
SOC	222	Sociology of Sport
SOC	238	Sociology of Latino Americans
SOC	255	Sociology of Military and Society
SOC	262	Race and Ethnic Relations
SOC	265	Sociology of Asian Americans
SOC	271	Sociology of Deviance & Social Control

Natural Sciences

ANTH&	205	Biological Anthropology (non-lab)
ANTH&	237	Human Osteology (non-lab)
ANTH&	245	Primatology (non-lab)
ASTR&	101	Introduction to Astronomy (lab)
ASTR&	110	The Solar System (lab)
ASTR&	115	Stars, Galaxies, and the Cosmos (lab)
BIOL&	100	Survey of Biology (lab)
BIOL	105	Fossils and the History of Life (lab)
BIOL	125	Biology in the Field (lab)
BIOL	140	Marine Biology (lab)
BIOL&	160	General Cell Biology (lab)
BIOL&	175	Human Biology (lab)
BIOL	179	Special Topics in Biology
BIOL&	221	Intro. to Evolution, Ecology and Biodiversity (lab)
BIOL&	222	Intro. to Cellular and Molecular Biology (lab)
BIOL&	223	Intro. to the Biology of Organisms (lab)
BIOL&	241	Human Anatomy and Physiology 1 (lab)
BIOL&	242	Human Anatomy and Physiology 2 (lab)
BIOL	243	Current Advances in Human Anatomy & Physiology (lab)
BIOL&	260	General Microbiology (lab)
BOT	101	General Botany (lab)
BOT	179	Special Topics in Botany
CHEM&	110	Chemical Concepts with Lab
CHEM&	121	Introduction to Inorganic Chemistry with Lab
CHEM&	131	Survey of Organic and Biochemistry with Lab
CHEM&	161	General Chemistry with Lab I
CHEM&	162	General Chemistry with Lab II
CHEM&	163	General Chemistry with Lab III
CHEM&	261	Organic Chemistry with Lab I
CHEM&	262	Organic Chemistry with Lab II
CHEM&	263	Organic Chemistry with Lab III
ENVS&	101	Introduction to Environmental Science (lab)
ENVS	179	Special Topics in Environmental Science
ENVS	210	Maps, GIS and the Environment (lab)
GEOG	205	Physical Geography (lab)
GEOG	210	Maps, GIS and the Environment (lab)
GEOL&	101	Introduction to Physical Geology (lab)
GEOL	108	Fossils and the History of Life (lab)
GEOL	125	Geology in the Field (lab)
GEOL	179	Special Topics in Geology
GEOL&	208	Geology of Pacific Northwest (lab)
HIT	160	Pathophysiology
NUTR	101	Human Nutrition
OCEA&	101	Introduction to Oceanography (lab)
OCEA	179	Special Topics in Oceanography
PHYS&	114	General Physics (lab)
PHYS&	115	General Physics (lab)
PHYS&	116	General Physics (lab)
PHYS&	221	Engineering Physics (lab)
PHYS&	222	Engineering Physics (lab)
PHYS&	223	Engineering Physics (lab)
SCI	105	Introductory Topics in Natural Science (lab)
SCI	110	Physical Science & Technology (lab)

Physical Education

PE All PE courses count toward the PE distribution credits
EXCEPT: PE 190, PE 191, PE 285, and PE 292

Multicultural

ANTH&	100	Survey of Anthropology
ANTH&	206	Cultural Anthropology
ANTH&	207	Linguistic Anthropology
ANTH&	210	Indians of North America
ANTH	220	Ethnographies of American Culture
ART&	100	Art Appreciation
BUS	150	Global Business
CMST	110	Multicultural Communications
EDUC	220	Diversity in Education
ENGL	234	Introduction to Mythology and Folk Stories
ENGL	242	Contemporary Non-Western Literature
ENGL&	244	American Literature I
ENGL&	245	American Literature II
ENGL&	246	American Literature III
ENGL	261	The Bible as Literature

ENGL	262	Children's Literature
ENGL	265	English Literature From Donne Through Blake
ENGL	271	Contemporary American Fiction
ENGL	280	Literatures of Diversity
HIST&	126	World Civilization I
HIST&	127	World Civilization II
HIST&	128	World Civilization III
HIST	210	History of Modern Europe
HIST	211	History of China
HIST&	219	Native American History
HIST&	220	African-American History
HIST	230	History of Japan
HIST	231	American History, American Film
HIST	240	Religion in America
HUM&	101	Introduction to Humanities
HUM	110	Introduction to Pacific Rim Cultures
HUM&	116	Introduction to Humanities I
HUM&	117	Introduction to Humanities II
HUM&	118	Introduction to Humanities III
HUM	120	The American Multicultural Arts Experience
MUSC	106	World Music
MUSC	155	Gospel Choir
PSYC&	200	Lifespan Psychology
SOC&	101	Introduction to Sociology
SOC	120	Introduction to Women's Studies
SOC&	201	Social Problems
SOC	205	Sociology of African Americans
SOC	222	Sociology of Sport
SOC	238	Sociology of Latino Americans
SOC	255	Sociology of Military and Society
SOC	262	Race and Ethnic Relations
SOC	265	Sociology of Asian Americans
ARAB	121, 122, 123	Arabic 1, 2, 3
CHIN&	121, 122, 123	Chinese 1, 2, 3
FRCH&	121, 122, 123	French 1, 2, 3
GERM&	121, 122, 123	German 1, 2, 3
JAPN&	121, 122, 123	Japanese 1, 2, 3
SPAN&	121, 122, 123	Spanish 1, 2, 3
SPAN&	221, 222, 223	Intermediate Spanish 1, 2, 3

Non-distribution Multicultural Courses

The following courses do not satisfy distribution requirements. If one of the following courses is selected to satisfy the multicultural requirement, distribution electives must be increased by the same number of credits to assure that a minimum of 60 distribution credits are completed.

ECE	130	Individual and Cultural Diversity
HD	110	Human Relations
HSP	126	Cultural Competencies for Human Services

Writing Intensive

Recommended for some transfer students.

BUS	150	Global Business
ENGL&	220	Introduction to Shakespeare
ENGL	234	Introduction to Mythology and Folk Stories
ENGL	242	Contemporary Non-Western Literature
ENGL&	244	American Literature I
ENGL&	245	American Literature II
ENGL&	246	American Literature III
ENGL	261	The Bible as Literature
ENGL	262	Children's Literature
ENGL	264	English Literature: From Beowulf through Shakespeare
ENGL	265	English Literature: From Donne through Blake
ENGL	271	Contemporary American Fiction
ENGL	276	Creative Writing – Fiction
ENGL	278	Creative Writing – Poetry
ENGL	279	Creative Writing – Poetry Workshop
ENGL	280	Literatures of Diversity
HUM&	101	Introduction to Humanities
HUM&	116	Introduction to Humanities I
HUM&	117	Introduction to Humanities II
HUM&	118	Introduction to Humanities III
PSYC	209	Fundamentals of Psychological Research

COMMON COURSE NUMBERING

The Washington Community and Technical College system has adopted common course numbers, prefixes and titles for courses that are equivalent at many two-year colleges. These changes went into effect summer quarter 2008. The courses and their descriptions have not changed, just the course numbers and, in some cases, the course prefixes and/or titles. The changes apply to both common courses and non-common courses. Common courses are identified by an "&" character at the end of the prefix, for example ENGL& or ANTH&.

Distinction Pathways

Distinction Pathways are informal, interdisciplinary milestones that provide a student with demonstrated expertise that can help advance a student's interest - whether employability or greater competitiveness upon transfer. Distinction Pathways aid students in completion of distribution requirements and into a career interest.

American Ethnic and Gender Studies

Coordinator: Andrew Cho, Ph.D.
Chair of Anthropology, Political Science and Sociology
253.566.5355 aegs@tacomacc.edu

TCC's American Ethnic and Gender Studies (AEGS) Distinction Pathway offers courses selected from a variety of disciplines, on topics related to gender and ethnicity in the United States. AEGS courses are intended for career training and college transfer students who want to understand complex gender, race, ethnic, and class issues, and is also available to community members interested in ethnicity and gender.

Students who successfully complete credits of coursework in AEGS may apply to earn the Distinction Pathway in American Ethnic and Gender Studies, which is noted on their transcripts. Courses used to satisfy the requirements of the AEGS Distinction Pathway simultaneously apply to other certificate or degree requirements satisfied by these courses, allowing students to select course sequences that support their educational and personal goals. See the online class schedule for course availability.

Approved Courses

Select a total of four courses or 20 credit hours from the following list. C or better grades are required for courses to apply to the AEGS Distinction Pathway.

ANTH&	210	Indians of North America
ANTH	220	Ethnographies of American Cultures
CMST	110	Multicultural Communication
EDUC	220	Diversity in Education
ENGL	280	Literatures of Diversity
HIST&	219	Native American History
HIST&	220	African-American History
HIST	240	Religion in America and the Modern World
HUM	120	The American Multicultural Arts Experience
PSYC&	180	Human Sexuality
SOC	120	Introduction to Women's Studies
SOC	205	Sociology of African Americans
SOC	222	Sociology of Sport
SOC	238	Sociology of Latino Americans
SOC	255	Sociology of Military and Society
SOC	262	Race and Ethnic Relations
SOC	265	Sociology of Asian Americans
SOC	271	Introduction to the Sociology of Deviance and Social Control

Possible AEGS eligible courses depending on curriculum focus:

ENGL&	102	Composition II: Argument and Persuasion
NUTR	101	Human Nutrition
SOC&	201	Social Problems

Global Studies

Interim Coordinators: Kristina Young and Elizabeth Fortenbery
Arts, Humanities & Social Sciences
253.566.5330 or 253.566.5059 global@tacomacc.edu

The Global Studies Distinction Pathway (GSDP) introduces students to area, language, and intercultural studies that will help them in a wide variety of future careers. While the GSDP can build the foundations for majors in Global Studies, Business, Political Science, Human Services, and Humanities, the primary aim of the GSDP is to help students develop their intercultural knowledge and competence as conscientious global citizens.

The GSDP provides a framework for students to progress toward global citizenship. In this framework, students are encouraged to acquire global and intercultural knowledge from multiple disciplinary perspectives, to develop intercultural communication skills, and to apply their growing knowledge and skills to make ethical and positive contributions to local and global communities. In a reflective Capstone requirement, students will have the opportunity to integrate their learning and demonstrate their progress.

There are no prerequisites for this pathway other than an application/letter of intent. This will be used to monitor and advise student progress within the pathway. All academic pre-requisites are included in the regularly published course and program level pre-requisites.

Students pursuing the GSDP will work with their academic advisors and the Global Studies coordinator to adopt and tailor specific course clusters from among the options listed that will best fit the student's career and academic goals.

Foundations (3 course minimum)

Courses/sections in both area and cultural studies (also fulfill distribution credits - e.g. Multicultural, Humanities, Natural Science, Social Science). Additional courses may be added to the Foundations list through the Global Studies course approval process.

HUMANITIES

» ART& 100 ..... Art Appreciation
» ENGL 242 ..... Contemporary Non-Western Literature
» HUM 110..... Intro to Pacific Rim Cultures
» HUM& 116, 117, 118..... Humanities I,II,III
» MUSC 106 ..... World Music

SOCIAL SCIENCE

» ANTH& 206 ..... Cultural Anthropology
» BUS 150..... Global Business
» ECON& 202..... Macroeconomics
» HIST 210 ..... History of Modern Europe
» HIST 211 ..... History of China
» HIST 230..... History of Japan
» HIST 249..... America and the Rise to Globalism
» HIST& 126, 127, 128 ..... World Civilizations I, II, III
» POLS& 203..... International Relations
» SOC 120 ..... Women's Studies

NATURAL SCIENCE

» ENVS 210..... GIS and the Environment
» ENVS& 101 ..... Introduction to Environmental Science

PROFESSIONAL AND TECHNICAL/OTHER

» LOG 110..... International Logistics

Communications (1 course minimum)

Courses in language and multicultural/intercultural communication (also fulfills distribution credits - e.g. Multicultural, Humanities, Social Science). Additional courses may be added to the Communication list through the Global Studies course approval process.

» ANTH& 207 ..... Linguistic Anthropology
» CMST 110 ..... Multicultural Communication or a World Language at the 123+ level
Requires full year of World Language or equivalent: CHIN 123, GERM 123, JAPN 123, SPAN 123 through SPAN 221-3

The following course may meet the Communications outcomes for the GSDP based on Global Studies aligned outcomes within the courses and/or their course descriptions:

» CHP 310..... Community Health Communications and Infomatics
» ARAB 123 may be offered again though is now inactive

Application/Culmination Co-curricular, non-credit requirement

Capstone co-curricular experiences and portfolio with presentation. Options include:

- Study abroad/study away
- Intercultural service learning projects
- Applied research projects

Requirements include:

- Portfolio and reflection
- Presentation
- Minimum 25 hours

Honors

Coordinator: Kristina Young
Arts, Humanities & Social Sciences
253.566.5330 honors@tacomacc.edu

TCC's Honors distinction pathway is for students who want to experience a course pathway that challenges them to pursue global issues, entertain interdisciplinary concepts, and seek out greater challenge and connection within their education should apply to the Honors Distinction Pathway. Students can take two Honors course sections before applying. Regular course prerequisites apply.

To apply, a student should:

- Submit a letter of application--Brief personal statement of purpose (2-3 Pages double-spaced, 12-point Arial/Times New Roman) describing his or her interest in the program, expected benefits from program, and academic goals
- Assess at college level math (MATH 96/140 or 100-level equivalent) and college-level English (ENGL& 101)
- Student choice of either Option 1 or Option 2.

Option 1: have a letter of recommendation from a person who can support how the student would benefit from the Honors Distinction Pathway. This letter might include direct observation of student curiosity, potential for independent inquiry, exceptional drive or progress, or other traits and experiences that show how an inquiry-based, interdisciplinary, and globally-focused pathway would support the student's life and academic goals.

Option 2: Have a documented GPA of 3.5 minimum.

- New students directly from HS must have 3.5 GPA from HS transcript
  - New students returning to school or students currently attending TCC need a 3.5 GPA for last ten credits of distribution courses.
  - Students receiving 3.5 or higher in a TCC Honors course will be considered eligible on the GPA standard.

MAINTENANCE OF GOOD STANDING

- Student maintains an overall GPA of 3.2, in alignment with Phi Theta Kappa.
- Students average 3.0 in Honors courses; this supports the idea of "more than good enough" for meeting the Honors section outcomes.
- If a student has a challenging quarter that drops overall GPA to less than 3.2 with or without an Honors grade lower than 3.0, the HDP will guide the student through a probationary period the next quarter to help him or her meet pathway requirements.
- In all cases, students will retain Honors credit on the transcript for courses completed within the pathway.
- All other student conduct and TCC requirements apply.

Sustainability

Joe Shannon, Dean
Math, Science & Engineering
253.566.5015 jshannon@tacomacc.edu

GRADUATION REQUIREMENTS

In order to graduate from the TCC Honors Distinction Pathway, students will need the following:

- A 3.2 overall GPA or higher and an average of 3.0 or higher in Honors sections and a minimum of 21 honors credits distributed as:
- Research Core – one course, 2-5 credits, chosen from English 101, 102 or 103 or Honors Library Science.
- Distribution – three courses totaling 15 credits, chosen from 100 and 200 level distribution Honors section.
- Capstone Experience. The Capstone Experience can be based upon Service Learning, Experiential Learning, Applied Learning, or Study Abroad and must be preapproved by the Honors Coordinator. The Capstone Experience requires students to submit a portfolio or thesis to demonstrate and reflect upon their Honors Distinction Pathway learning outcomes.

Sustainability is the ability to meet the current human need for natural resources without compromising the ability of future generations to meet their needs. Sustainability issues fall into three main categories: environmental, social, and economic.

The Sustainability Distinction Pathway (SDP) allows students to explore the topic of sustainability as they pursue their regular course of study at TCC. The SDP provides students with college-level knowledge about sustainability through 20 credits of course work, without having to pursue a separate degree. Specific course requirements are not prescribed, instead students choose their 20 credits from a list of approved courses, according to their academic interests, schedule constraints, and broader degree requirements.

The approved course pool contains two tiers of classes.

- In Tier 1, the major focus of the course is sustainability, with roughly 50 percent or more of the course outcomes addressing sustainability topics explicitly.
- In Tier 2 classes the instructor explores sustainability in a more limited way, with a minimum of one course outcome addressing sustainability.
- To earn the Sustainability Distinction students are required to take one Tier 1 class and three others from either tier, for a total of 20 credits, with a grade of C or better in all four courses.

Bachelor Degrees

BACHELOR DEGREES AT TCC

The Bachelor of Applied Science (BAS) degree builds on specific Associate degrees, allowing students to obtain bachelor level credentials in specialized career fields. BAS degrees are carefully structured to allow for individual career advancement while meeting local community and employer needs for specialized career practitioners. Designed for working professionals, TCC's BAS degrees are offered online to the extent possible.

Bachelor of Applied Science in Health Information Management

This applied baccalaureate degree in Health Information Management brings together theory and practice and prepares graduates to work effectively in the increasingly integrated and technologically complex Health Information Management career field. This degree is appropriate for graduates of medical administrative (e.g. Health Information Technology, Medical Billing, Health Informatics, Administrative Medical Assistant, etc.) or clinical practice (e.g., nursing, respiratory care, radiology science, etc.) associate degrees who wish to advance their career to the baccalaureate level. (Note: RHIT credential no longer required for entry)

PROGRAM OUTCOMES

- Evaluate and implement policies and procedures surrounding Information Governance, to include classification systems, health record content and documentation, data governance, data management, and secondary data sources.
- Assess, implement, and improve systems to ensure the protection of health information, to include health law, data privacy, confidentiality and security, and the release of information.
- Analyze and interpret data and implement technology used in informatics, to include health information technologies, information management strategic planning, analytics and decision support, health care statistics, research methods, consumer informatics, health information exchange, and information integrity and data quality.
- Apply the principles of revenue management and implement processes for management and reporting of the revenue cycle.
- Interpret policies and construct procedures for compliance of healthcare regulatory requirements, to include medical coding, fraud surveillance, and clinical documentation improvement.
- Evaluate leadership models, theories, and skills required for successful leadership to include the areas of change management, work design and process improvement, human resource management, training and development, strategic and organizational management, financial management, project management, vendor/contract management, enterprise information management, all of which comply with the ethical standards of practice.

This 90-credit applied baccalaureate degree in Health Information Management brings together theory and practice and prepares graduates to work effectively in the increasingly integrated and technologically complex Health Information Management career field. This degree is appropriate for graduates of Associate degree programs in health related fields.

PREREQUISITE REQUIREMENTS

Associate degree or equivalent credits in health related field. Course work must include the following topics:

- Healthcare statistics, data analytics, data quality and performance improvement and revenue cycle. Students who have not completed coursework in any of these areas may take individual study to meet these requirements (arrangements made through HIM advisor).
- Medical Coding. Students who have not completed a coding course can take courses through the HIT Associate Degree program or individual study (arrangements made throug HIM advisor)

100-200 Level General Education Requirements

- Additional Credits in Humanities Distribution 100-200 Level (5)
- Additional Credits in Social Science Distribution at 100-200 Level (5)
- Additional Credits in General Electives at 100-200 Level (15)

BAS Level General Education Requirements

- PSYC 301 ..... Fundamentals of Research for Healthcare (5)
- PHIL 401 ..... Biomedical Ethics (5)
- ~~LS 301 ..... Research Skills for Healthcare (2)~~

HIM BAS Core Requirements

- HIM 310 ..... Data Governance (5)
- HIM 320 ..... Healthcare Privacy, Confidentiality, and Security (3)
- HIM 330 ..... Revenue Cycle Management (5)
- HIM 340 ..... Data Quality Management & Performance Improvement (5)
- HIM 350 ..... Health Information Systems Analysis and Design (5)
- HIM 410 ..... Healthcare Compliance (5)
- HIM 420 ..... Human Resource Management and Leadership (5)
- HIM 430 ..... Data Analytics (5)
- HIM 440 ..... Organizational Management in Healthcare (5)
- HIM 450 ..... HIM Professional Practice Experience (3)
- HIM 455 ..... HIM Capstone (2)
- LS 301 ..... Research Skills for Healthcare (2)

Bachelor of Applied Science – Community Health

This Bachelor of Applied Science degree will pair the clinical background of current health professionals with community health theory to provide clinicians who can make an immediate impact in their local communities.

The Community Health BAS degree will take clinical knowledge and augment it with the addition of community health factors to include population health, primary prevention, patient education, and quality improvement.

The integration of community health into the clinical background will create a well-rounded, holistic individual who possess not only clinical knowledge, but will see the larger issues surrounding the health of our local community to include social issues, legislation and reimbursement (population health), education of the public (primary prevention and patient education), and improving the quality of care (quality improvement) for our community health partners.

These professionals will be an asset to many different types of organizations to include hospitals, home health agencies, governmental agencies, public and community health agencies, insurance agencies, large physician practices, and private practice.

Advanced Paramedic Certificate

This certificate will prepare current paramedics to work as a community paramedic. A Community Paramedic (CP) is an advanced paramedic that works to increase access to primary and preventive care and decrease use of emergency departments, which in turn decreases health care costs. Among other things, CPs may play a key role in providing follow–up services after a hospital discharge to prevent hospital readmission. CPs can provide health assessments, chronic disease monitoring and education, medication management, immunizations and vaccinations, laboratory specimen collection, hospital discharge follow–up care and minor medical procedures.

Tobacco and Nicotine Treatment Specialist Certificate

This program offers a certification training program for tobacco treatment specialists. The goal of this program is to aid health care professionals in becoming competent in the provision of treatment for individuals dependent on tobacco and to formally recognize this competence. This training program is designed for health-care professionals with a strong interest in providing tobacco dependence treatment.

Critical Care Transport Specialist Certificate

This Critical Care Transport certificate is designed to prepare the paramedic for advanced critical care on ground and air transports. This includes providing advanced clinical patient assessments and providing invasive care beyond the standard scope of advanced pre-hospital care. Upon completion of this series the student may take the Certified Flight Paramedic (FP-C) and/or the Certified Critical Care Paramedic (CCP-C) exams held by the International Board of Specialty Certification (IBSC).

Global Health and Cultural Competency Certificate

The Global Health and Cultural Competency Certificate is designed to allow students to explore the impact of cultural on healthcare. Field experience will allow students to practice and implement strategies to integrate knowledge into their professional role in the delivery of care.

Career Training

Tacoma Community College offers several career training programs to prepare students to enter the workforce. Career training programs at TCC lead to a two-year Associate in Applied Science (AAS) degree or shorter-term program certificates. Many of the programs and courses are available to help students prepare for career advancement, update their skills, or retraining for new careers.

Associate of Applied Science-Transfer (AAS-T) degrees are two-year, job training degrees. They prepare students for immediate employment. These degrees transfer only to:

- Applied baccalaureate degrees at community or technical colleges.
- Universities that have an agreement with the community or technical college issuing the degree.

Some of the programs have application and admission requirements in addition to those required for admission to Tacoma Community College. For more information, interested students should contact individual program chairs or division offices. TCC provides career training and retraining in the following areas:

- Accounting careers
- Business careers
- Early Childhood Education careers
- Health careers
- Human Services careers
- I-BEST training for careers
- Paralegal careers
- Technology careers

Career Training Programs

CAREER TRAINING PROGRAMS	CERTIFICATE	AAS DEGREE
Business		
Accounting		✖
Accounting Office Associate	✖	
Assistant Bookkeeping Clerk	✖	
Bookkeeping Systems	✖	
Computerized Accounting	✖	
Tax Preparation	✖	
Business		✖
Customer Service	✖	
Entrepreneurship	✖	
Global Transportation and Secure Logistics	✖	
Human Resource Specialist	✖	
Management	✖	
Marketing	✖	
Retail Management (WAFC)	✖	
Early Childhood Education: Emphasis on Children with Special Needs		
Early Childhood Education: Emphasis on Children with Special Needs		✖
Early Childhood Education: Special Needs	✖	
Management of Early Learning	✖	
Child Development Specialist	✖	

Note: Beginning summer quarter 2017, the Nursing program is implementing new curriculum for a Nursing, RN Associate of Applied Science – Transfer (AAS-T) degree. Students currently enrolled in the Nursing, Associate Degree, Associate in Applied Science (AAS) degree program will finish the program under that degree, unless they elect to complete the AAS-T degree. Students enrolling after summer quarter 2017 will begin studies in the new AAS-T degree.

CAREER TRAINING PROGRAMS	CERTIFICATE	AAS DEGREE
Health		
Allied Health (Transfer)		**AAS-T**
Diagnostic Medical Sonography		✖
Emergency Medical & Health Services (T)		✖
Emergency Medical Technician-Basic	✖	
Paramedic	✖	
Health Information Technology		✖
Medical Billing Specialist	✖	
Medical Scribe	✖	
~~Nursing, Associate Degree~~		✖
Nursing, RN Option (Transfer)		**AAS-T**
Certified Nursing Assistant	✖	
Radiologic Science		✖
Respiratory Therapy		✖
Human Services		
Human Services		✖
Human Services Case Aide	✖	
Chemical Dependency	✖	
I-BEST (Integrated Basic Education Skills Training)		
Help Desk	✖	
Medical Scribe	✖	
Paralegal		
Paralegal		✖
Paralegal Pref. Pro-Certificate	✖	
Limited License Legal Technician	✖	
Technology		
Networking and Cyber Security		✖
Application Support Specialist	✖	
Cyber Security	✖	
Database Management	✖	
e-HIM	✖	
Help Desk	✖	
Network Support	✖	
Technical Support	✖	

Allied Health

The Associate in Applied Sciences Transfer (AAS-T) degree in Allied Health prepares students for various healthcare related training programs with strong knowledge and skills in college-level academics such as math, English, natural sciences, humanities, and social science. Students will be prepared to apply for admission to selective admissions allied health and nursing associate degree programs or applied baccalaureate programs. This degree is designed to provide formal educational opportunity to students with professional certificates in allied health areas or to provide skills to students who have general education credits but no professional training.

Associate in Applied Sciences Transfer Degree

(90 credits)

COMPLETION OF ONE PROFESSIONAL CERTIFICATE IN AN ALLIED HEALTH DISCIPLINE (5-48 CREDITS)

- » Medical Scribe 19
- » Medical Billing Specialist 46-48
- » Emergency Medical Technician 10
- » Chemical Dependency Professional 45
- » Human Services Case Aid 15
- » Certified Nursing Assistant 5

Academic Core Requirements (35)

COMMUNICATION (10 CREDITS)

ENGL& 101 English Composition I

Select additional 5 credits from options below.

ENGL& 102 English Composition II
ENGL 103 English Composition III
ENGL& 235 Technical Writing
CMST& 101 Introduction to Communications
CMST 110 Multicultural Communications
CMST& 210 Interpersonal Communication
CMST& 220 Public Speaking

QUANTITATIVE SKILLS (5 CREDITS)

Select 5 credits from options below.

MATH& 107 Math in Society
MATH 136 Inferential Statistics
MATH& 141 Precalculus I
MATH& 146 Introduction to Statistics

NATURAL SCIENCE (10 CREDITS)

Select 10 credits from options below. Must include 5 credits with lab. Must include 5 credits of human anatomy.

BIOL& 160 General Cell Biology
BIOL& 175 Human Biology with Lab
BIOL& 241 Human Anatomy and Physiology I
BIOL& 242 Human Anatomy and Physiology II
BIOL& 260 General Microbiology
CHEM& 110 Chemical Concepts w/lab
CHEM& 121 Introduction to Inorganic Chemistry
CHEM& 131 Introduction to Organic/Biochemistry
NUTR& 101 Human Nutrition
PHYS& 114 General Physics I
PHYS& 115 General Physics II
PHYS& 116 General Physics III

HUMANITIES (5 CREDITS)

Select 5 credits from options below.

CMST& 101 Introduction to Communications
CMST 110 Multicultural Communications
CMST& 210 Interpersonal Communication
CMST& 220 Public Speaking
PHIL& 101 Introduction to Philosophy

SOCIAL SCIENCE (5 CREDITS)

Select 5 credits from options below.

ANTH& 206 Cultural Anthropology
ANTH& 205 Biological Anthropology
ANTH& 237 Human Osteology
PSYC& 100 General Psychology
PSYC& 180 Human Sexuality
PSYC& 200 Lifespan Psychology
PSYC& 220 Abnormal Psychology
SOC& 101 Introduction to Sociology

REQUIRED NON-DISTRIBUTION COURSES (8-10 CREDITS)

Computer User (5) Select 5 credits from options below.

CU 102 Word I
CU 103 Excel I
CU 104 PowerPoint I
CU 105 Word I and Excel I
CU 108 Outlook
CU 110 Access I
CU 202 Word II
CU 203 Excel II
CU 210 Access II

MEDICAL TERMINOLOGY (3-5 CREDITS)

HIT 130 Medical Terminology I
HIT 105 Comprehensive Medical Terminology

ELECTIVES (UP TO 42 CREDITS)

Electives (to complete 90 credits)

Any college level course as defined by Tacoma Community College. Select courses appropriate for intended major and intended baccalaureate institution.

Nursing, RN Option, continued

Associate in Applied Sciences Transfer Degree
(72 Credits)

LEVEL 1

NURS 115	Skills and Assessment Lab I	3
NURS 153	Pharmacology I	1
NURS 171	Health and Illness Concepts IA	2
and NURS 172	Health and Illness Concepts IB	2
or NURS 101	Health and Illness - Level 1	4
NURS 181	Processional Concepts I	1
NURS 191	Clinical I	3

LEVEL 2

NURS 116	Skills and Assessment Lab II	3
NURS 154	Pharmacology II	1
NURS 173	Health and Illness Concepts IIA	2
and NURS 174	Health and Illness Concepts IIB	2
or NURS 102	Health and Illness - Level 2	4
NURS 182	Processional Concepts II	1
NURS 192	Clinical II	3

LEVEL 3

NURS 124	Clinical Simulation III	2
NURS 155	Pharmacology III	1
NURS 175	Health and Illness Concepts IIIA	2
and NURS 176	Health and Illness Concepts IIIB	3
or NURS 103	Health and Illness - Level 3	5
NURS 183	Processional Concepts III	1
NURS 193	Clinical III	3

LEVEL 4

NURS 226	Clinical Simulation IV	2
NURS 256	Pharmacology IV	1
NURS 271	Health and Illness Concepts IVA	2
and NURS 272	Health and Illness Concepts IVB	3
or NURS 201	Health and Illness - Level 4	5
NURS 284	Processional Concepts IV	1
NURS 294	Clinical IV	3

LEVEL 5

NURS 227	Clinical Simulation V	2
NURS 257	Pharmacology V	1
NURS 273	Health and Illness Concepts VA	2
and NURS 274	Health and Illness Concepts VB	3
or NURS 202	Health and Illness - Level 5	5
NURS 285	Processional Concepts V	1
NURS 295	Clinical V	3

LEVEL 6

NURS 228	Clinical Simulation VI	1
NURS 234	Transition to Practice: Seminar	1
NURS 244	Preparation for the National Council Licensing Exam	1
NURS 286	Processional Concepts VI	1
NURS 296	Transition to Practice: Clinical VI	8

Total Credits Required for AAS-T Degree: 112-122

LPN to RN Option

LPN BRIDGE COURSES
(12 credits)

NURS 117	Skill & Assessment Lab - LPN	3
NURS 125	Clinical 6 Simulation - LPN	3
NURS 156	Pharmacology - LPN	1
NURS 177	Health & Illness Concepts - LPN	3
NURS 184	Professional Concepts - LPN	2

Nursing, RN Option, continued

Certified Nursing Assistant (I-BEST)

Program Information: Rebecca Jayasundara, 253.566.5229

The Certified Nursing Assistant (CNA) is a two-quarter, 13-credit I-BEST program that includes classroom and clinical training. Coursework provides students with basic nursing skills including, but not limited to:

- Patient environment
- Patient psychological needs
- Basic nursing procedures
- Nutrition
- Body mechanics
- Safety
- Communication
- Terminology
- HIV/AIDS education

This course includes two quarters of instruction in classroom and practice lab, as well as 50 hours of clinical training at a local long-term care facility. The class is designed to prepare students for immediate job placement in the health care field. Upon successful completion of the course, students will receive a Certificate of Completion from Tacoma Community College and will be qualified to take the examination to become a Washington State Certified Nursing Assistant. Testing is available at various locations in the Puget Sound area.

GENERAL INFORMATION

Students in the program are required to clear a Washington State Patrol Background check in order to attend clinicals and to receive a certificate from the State of Washington. TCC will conduct the check at the beginning of the quarter. The instructor will address this issue in class and hand out the appropriate forms for completion on the first day of class. Students are required to become registered as a Nursing Assistant – Registered (NAR) in the State of Washington on the first day of class (a $15.00 fee applies).

CURRICULUM GUIDE

HT 110	Fundamentals of Patient Care	5
HT 120	Patient Care Clinical	3
HT 198	Introduction to Health Careers	3

Paralegal, continued

Paralegal Preferred Pro-Certificate

(56 credits)

To enter this certificate program, students must show evidence of completion of Associate in Arts & Sciences or a Bachelor of Arts degrees, earn a minimum C grade or higher in all required paralegal courses, and provide evidence of meeting related study requirements.

CORE REQUIREMENTS (53 CREDITS)

CU 105	Word I, Excel I	5
PLST 106	Professional Document Production	3
PLST 150	Paralegal Fundamentals and Ethics	5
PLST 151	Legal Research and Writing I	5
PLST 152	Introduction to Civil Law	5
PLST 153	Civil Procedure	5
PLST 154	Computer Applications in the Law	3
PLST 156	Criminal Procedure for Paralegals	5
PLST 232	Interviewing and Investigation	5
PLST 233	Internship I - Paralegal	5
PLST 239	Transition Planning	1
PLST 251	Legal Research and Writing II	3
PLST 253	Civil Procedure II	3

ELECTIVE COURSES (3 CREDITS)

Select a minimum of 3 credits from the following:

PLST 221	Family Law	3
PLST 222	Probate/Estate Planning	3
PLST 223	Alternative Dispute Resolution	3
PLST 224	Real Estate Law	3
PLST 225	Bankruptcy Law	3
PLST 226	Administrative Law	3
PLST 228	Employment and Labor Law	3
PLST 230	Business Organization/Corporation	3
PLST 231	Contracts/Commercial Transactions	3
PLST 234	Internship II - Paralegal	5
PLST 235	Evidence and e-Discovery	3
PLST 237	Introduction to Tax Law	3

Limited License Legal Technician

(45 credits)

The LLLT Preparation Certificate will consist of 45 credits of legal specialty courses. 37 of the 45 credits are specified by the Washington State Bar Association. The remaining 8 credits can be any PLST course the student choooses.

CORE REQUIREMENTS (37 CREDITS)

PLST 150	Paralegal Fundamentals and Ethics	5
PLST 151	Legal Research and Writing I	5
PLST 152	Introduction to Civil Law	5
PLST 153	Civil Procedure	5
PLST 154	Computer Applications in the Law	3
PLST 231	Contracts	3
PLST 232	Interviewing and Investigation	5
PLST 251	Legal Research and Writing II	3
PLST 253	Civil Procedure II	3

Adult Basic Education

ABE 070 Reading and Writing for the Sciences: Health Science (5 or 10)

This theme based English course integrates reading, writing, listening, speaking, and critical thinking skills around assignments and activities focusing on health science. Possible topics include: nutrition; stress management; fitness; disease prevention and control; drug addiction and recovery; growth and development; and the impacts of environmental, family and cultural factors on health. Laboratories and field trips are included. This competency based class allows students to work at their own pace, exit at a level appropriate to demonstrated skills and knowledge, and earn possible high school completion Lab Science, Science, Health, Contemporary World Issues, English and/or elective credits.

Prerequisite: ABE 071 with a minimum grade of C or ABE 072 with a minimum grade of C or ABE 073 with a minimum grade of C or ABE 074 with a minimum grade of C or ABE 075 with a minimum grade of C or ABE 077 with a minimum grade of C or ABE 078 or ABE 079 with a minimum grade of C or minimum CASAS read score of 211 or minimum writing sample score of 3.

ABE 071 Reading and Writing for Occupational Education (5 or 10)

This theme based English course integrates reading, writing, listening, speaking, and critical thinking skills around assignments and activities focusing on occupational education. Students will investigate possible career paths, acquire employability and leadership skills, and develop the technology skills necessary for the workplace. This competency based class allows students to work at their own pace, exit at a level appropriate to demonstrated skills and knowledge, and earn possible high school completion occupational education, English, and/or elective credits.

Prerequisite: ABE 070 with a minimum grade of C or ABE 072 with a minimum grade of C or ABE 073 with a minimum grade of C or ABE 074 with a minimum grade of C or ABE 075 with a minimum grade of C or ABE 077 wwith a minimum grade of C or ABE 078 with a minimum grade of C or ABE 079 with with a minimum grade of C or minimum CASAS reading score of 211 or minimum writing sample score of 3.

ABE 072 Reading and Writing for Social Studies: Washington State History (5or 10)

This theme based English course integrates reading, writing, listening, speaking, and critical thinking skills around assignments and activities focusing on Washington State History through multicultural perspectives. Students will examine Washington's social, cultural, economic, geographical and political history as well as explore current State issues. This competency based class allows students to work at their own pace, exit at a level appropriate to demonstrated skills and knowledge, and earn possible high school completion Social Studies (U.S. History), Social Studies (U.S. Government and Civics), English, and/or elective credits.

Prerequisite: ABE 070 with a minimum grade of C or ABE 071 with a minimum grade of C or ABE 073 with a minimum grade of C or ABE 074 with a minimum grade of C or ABE 075 with a minimum grade of C or ABE 077 with a minimum grade of C or ABE 078 with a minimum grade of C or ABE 079 with a minimum grade of C or minimum CASAS score of 211 or minimum writing sample score of 3.

ABE 073 Reading and Writing for Social Studies: Contemporary World Issues (5 or 10)

This theme based English course integrates reading, writing, listening, speaking, and critical thinking skills around assignments and activities focusing on contemporary world issues. Students will examine diverse societies from around the world and explore the major issues that affect our ability to connect and thrive as a global community. Possible topics include: homelessness, poverty, immigration, human rights, and social and economic inequities. This competency based class allows students to work at their own pace, exit at a level appropriate to demonstrated skills and knowledge, and earn possible high school completion Social Studies (Current World Issue), English, and/or elective credits.

Prerequisite: ABE 070 with a minimum grade of C or ABE 071 with a minimum grade of C or ABE 073 with a minimum grade of C or ABE 074 with a minimum grade of C or ABE 075 with a minimum grade of C or ABE 077 with a minimum grade of C or ABE 078 with a minimum grade of C or ABE 079 with a minimum grade of C or minimum CASAS score of 211 or minimum writing sample score of 3.

ABE 074 Reading and Writing for the Sciences: Biology (5 or 10)

This theme based English course integrates reading, writing, listening, speaking, and critical thinking skills around assignments and activities focusing on biology. Topics include: scientific method and literacy; basic cellular anatomy and biochemical processes; evolution; diversity of life; and ethical issues related to scientific and medical research. Laboratories are included. This competency based class allows students to work at their own pace, exit at a level appropriate to demonstrated skills and knowledge, and earn possible high school completion Lab Science, Science, Contemporary World Issues, English and/or elective credits.

Prerequisite: ABE 070 with a minimum grade of C or ABE 071 with a minimum grade of C or ABE 072 with a minimum grade of C or ABE 073 with a minimum grade of C or ABE 075 with a minimum grade of C or ABE 077 with a minimum grade of C or ABE 078 with a minimum grade of C or ABE 079 with a minimum grade of C or minimum CASAS reading score of 211 or minimum writing sample score of 3.

Adult Basic Education

ABE 075 Reading and Writing for Social Studies: U.S. History (5 or 10)

This theme based English course integrates reading, writing, listening, speaking, and critical thinking skills around assignments and activities focusing on United States history through multicultural perspectives. The course includes social and political history and geography providing students with a broad view of America's past and present. Possible course topics include: African-American history, immigrants, women's studies, Native American history, Civil Rights, and major turning points in U.S. history. This competency based class allows students to work at their own pace, exit at a level appropriate to demonstrated skills and knowledge, and earn possible high school completion Social Studies (U.S. History), Social Studies (U.S. Government and Civics), English and/or elective credits.

Prerequisite: ABE 070 with a minimum grade of C or ABE 071 with a minimum grade of C or ABE 072 with a minimum grade of C or ABE 073 with a minimum grade of C or ABE 074 with a minimum grade of C or ABE 077 with a minimum grade of C or ABE 078 with a minimum grade of C or ABE 079 with a minimum grade of C or minimum CASAS score of 211 or minimum writing sample score of 3.

ABE 077 Reading and Writing for the Sciences: Environmental Science (5 or 10)

This theme based English course integrates reading, writing, listening, speaking, and critical thinking skills around assignments and activities focusing on Environmental Science. Topics include population, ecology, climate change, sustainability and pollution. Students will specifically focus on environmental issues related to the Pacific Northwest. Laboratories and field trips are included. This competency based class allows students to work at their own pace, exit at a level appropriate to demonstrated skills and knowledge, and earn possible high school completion Lab Science, Science, Contemporary World Issues, English and/or elective credits.

Prerequisite: ABE 070 with a minimum grade of C or ABE 071 with a minimum grade of C or ABE 072 with a minimum grade of C or ABE 073 with a minimum grade of C or ABE 074 with a minimum grade of C or ABE 075 with a minimum grade of C or ABE 078 with a minimum grade of C or ABE 079 with a minimum grade of C or ABE 079 with a minimum grade of C or minimum CASAS reading score of 211 or minimum writing sample score of 3.

ABE 078 Reading and Writing for Social Studies: World Cultures (5 or 10)

This theme-based English course integrates reading, writing, listening, speaking, and critical thinking skills around assignments and activities focusing on World Cultures. Using a comparative approach, students will examine societies from around the world to explore the patterns of human life in areas such as adaptation, economics, family, political organization, healing, and religion as well as explore current issues impacting those societies. By examining different peoples through a cultural anthropologic lens, students will develop a better understanding of the unity and the diversity of humankind. This competency based class allows students to work at their own pace, exit at a level appropriate to demonstrated skills and knowledge, and earn possible high school completion English, Social Studies (Current World Issue), and/or elective credits.

Prerequisite: ABE 070 with a minimum grade of C or ABE 071 with a minimum grade of C or ABE 072 with a minimum grade of C or ABE 073 with a minimum grade of C or ABE 074 with a minimum grade of C or ABE 075 with a minimum grade of C or ABE 077 with a minimum grade of C or ABE 079 with a minimum grade of C or minimum CASAS reading score of 211 or minimum writing sample score of 3.

ABE 079 Reading and Writing for Social Studies: US Government and Civics (5 or 10)

This theme based English course integrates reading, writing, listening, speaking, and critical thinking skills around assignments and activities focusing on United States Government and Civics. Students will learn how our government works and develop a critical understanding of the strengths and weaknesses of the American political system, and their rights and responsibilities as citizens. Includes study of the U.S. Constitution. This competency based class allows students to work at their own pace, exit at a level appropriate to demonstrated skills and knowledge, and earn possible high school completion Social Studies (U.S. History), Social Studies (U.S. Government and Civics), English and/or elective credits.

Prerequisite: ABE 070 with a minimum grade of C or ABE 071 with a minimum grade of C or ABE 072 with a minimum grade of C or ABE 073 with a minimum grade of C or ABE 074 with a minimum grade of C or ABE 075 with a minimum grade of C or ABE 077 with a minimum grade of C or ABE 078 with a minimum grade of C or minimum CASAS score of 211 or minimum writing sample score of 3.

ABE 082 Applied Math I (5)

Students will read, write and interpret basic mathematical information using whole numbers, fractions, benchmark percents, and decimals. Students will be introduced to basic patterns, data, algebraic concepts, measurement, geometry and computational skills to solve 1-2 step contextualized real life word problems.

Prerequisite: CASAS score of 201-220.

ABE 083 Applied Math II (5)

Students will read, write and interpret mathematical information by applying the operations of whole numbers and extending skills in fractions, decimals and percents. Students will use basic patterns and algebraic thinking including evaluating algebraic expressions and one-two step equations. This course will integrate real life geometry skills including area, perimeter, volume, lines, angles and polygons. Students will interpret contextualized line, bar and circle graphs and measures of central tendency.

Prerequisite: ABE 082 with a minimum grade of C; or CASAS score of 221-229.

Adult Basic Education

ABE 084 Pre-Algebra (5)
Students will read, write and interpret mathematical information by extending previous knowledge of whole numbers, fractions, decimals and percents in an algebraic context. Students will apply ratios and proportions to algebraic word problems. Students will extend algebraic thinking including signed numbers, order of operations, evaluating algebraic expressions and solving one-three step equations. This course will integrate real life geometry skills including area, perimeter, volume, lines, angles, Pythagorean Theorem, circles, cylinders and polygons by applying algebraic formulas.
Prerequisite: ABE 083 with a minimum grade of C; or CASAS score of 230-235.

ABE 085 Introduction to Elementary Algebra (5)
This is a beginning algebra course specifically designed for students with pre-algebra background. Topics include variables and signed numbers, solutions to linear equations and inqualities, simplification of algebraic expressions, evaluation and manipulation of formulas, an emphasis on word problems, coordinate geometry, graphing of linear equations, and scatterplots. Scientific calculator required.
Prerequisite: Math CASAS score of 236-245; or ABE 084 with a minimum grade of C; or ACCUPLACER at MATH 085; and ENGL/ 085 with a minimum grade of C; or ABE 074 with a minimum grade of B-; or ABE 075 with a minimum grade of B-; or ABE 077 with a minimum grade of B-; or ABE 078 with a minimu grade of B-; or ABE 079 with a minimum grade of B-; or ACCUPLACER at ENGL/ 085; or Reading CASAS score of 227 or above.
Co-Requisite: ENGL/ 085; or ABE 074; or ABE 075; or ABE 077; or ABE 078; or ABE 079.

ABE 090 Elementary Algebra (5)
In this course students will progress in algebraic and geometric concepts through contextualized, integrated curriculum. topics will include linear equations, polynomial, factoring, rational expressions, and graphing Scientific calculator required. Students completing this course with an 80% or better will meet the requirements for HS 21+ to earn 1 credit of high school math equivalency.
Prerequisite: ABE 068 with a minimum grade of B- or MATH 085 with a minimum grade of C or Accuplacer placement of Math 90; and either ABE 075 with a minimum grade of B- or ABE 074 with a minimum grade of B- or ABE 077 with a minimum grade of B- or ABE 078 with a minimum grade of B- or ABE 079 with a minimum grade of B- or ENGL/ 085 with a minimum grade of C.

ABE 094 Academic Reading and Writing II: Threshold (5-10)
An integrated pre-college course designed to improve the student's reading and writing ability for entrance into ENGL& 101. Course work focuses on critical reading and analytical writing in response to readings, with an emphasis on organization, unity, coherence, and adequate development; an introduction to expository essays; and a review of the rules and conventions of standard written English. Essay and research writing is included. This is a preparatory class for college success with reading emphasis on text analysis for structure, inferring meaning, critical thinking, and vocabulary development. Introduction to literary devices is included. HS21+ students may have the opportunity to earn HS credit based on the contextualized theme of the course. The criteria to earn a specific content credit will be clearly outlined in the syllabus and align with the HS21+ credit earning process.
Prerequisite: ABE 074 with a minimum grade of C or ABE 075 with a minimum grade of C or ABE 077 with a minimum grade of C or ABE 078 with a minimum grade of C or ABE 079 with a minimum grade of C or ENGL/ 085 with a minimum grade of C or placement in ENGL/ 095.

ABE 095 Intermediate Algebra (5)
Topics include introduction to functions; linear, quadratic, exponential and logarithmic functions and their applications; systems of linear equations and inequalities and their applications; rational exponents and radicals.
Prerequisite: Math CASAS score 251-256 and ACCUPLACER placement of MATH 095; or ABE 090 with a minimum grade of B- or MATH 090 with a minimum grade of C; and ENGL/ 085 with a minimum grade of C; or ABE 074 with a minimum grade of B- or ABE 075 with a minimum grade of B- or ABE 077 with a minimum grade of B- or ABE 078 with a minimum grade of B- or ABE 079 with a minimum grade of B- or ACCUPLACER at ENGL/ 085; or Reading CASAS score of 227 or above.

Credit Course Descriptions

On the following pages are descriptions of the course offerings of Tacoma Community College. The specific courses to be offered each quarter will be announced in the online class schedules, which are posted quarterly at the college website.

Courses numbered 1-99 are pre-college-level courses designed to develop skills needed for college work and career training courses. They cannot be applied towards certificate or degree requirements.

Courses numbered 100-299 are college-level courses. They meet the requirements of the degrees of Associate in Arts, Associate in Business and Associate of Science as well as the Associate in Applied Sciences, and Associate in General Studies degrees conferred by TCC. These courses are normally accepted for transfer by four-year colleges and universities in Washington state when they are part of an Associate in Arts, Associate in Business or Associate of Science degree. Students who transfer without one of the approved transfer degrees should not take for granted the transferability of all 100-level or 200-level classes since some of them are vocational courses and apply toward the Applied Sciences degree only.

Courses numbered 299 are reserved for special projects. Such projects are undertaken by individual students upon arrangement with an instructor and the chair of the division in which the course is offered. Credit granted for courses numbered 299 varies with the individual project.

Normally, one credit is given for one 50-minute period of class per week per quarter for lecture classes. Laboratory sections generally require two hours of class per week per quarter for each credit. Credits earned for successfully completing each course are shown in parentheses following the course titles in this section of the catalog.

For current course offerings, check the online class schedule or consult the appropriate division administrator. Class availability is dependent on adequate enrollment.

Common Course Numbering

The Washington Community and Technical College system has adopted common course numbers, prefixes and titles for courses that are equivalent at many two-year colleges. These changes went into effect summer quarter 2008.

The courses and their descriptions have not changed, just the course number and, in some cases, the prefix and/or title. The changes apply to both common courses and non-common courses.

Common courses are identified by an "&" character at the end of the prefix, for example ENGL& or ANTH&. Presence or absence of an "&" character on a course does not influence transferability of the course to other academic institutions.

Developmental Courses

There have been some program-wide course changes with broad significance that we alert you to here. The developmental courses have been re-organized for clarity. See English and Math sections for detailed description of courses and prerequisites.

Communication Studies

CMST& 101 Introduction to Communication (5)
(Formerly SPCH-100) A survey of fundamental principles of communication theory. Students are introduced to verbal and nonverbal communication, effective listening, interpersonal communication, small group discussion as well as culture and gender factors in communication. Written assignments, examinations and informal oral presentations are included.

CMST 110 Multicultural Communication (5)
(Formerly SPCH-110) A survey of how culture shapes the communication interaction. Emphasis is on the role of world views, how culture affects the development of value systems, interpersonal relationships, workplace and educational expectations. (multicultural content)
Prerequisite: ENGL& 101 with a minimum grade of C (may be taken concurrently).

CMST 120 The Process of Public Speaking (2)
An introduction to the preparation of and process required to develop and deliver oral presentations. This course does NOT require oral presentations. Rather, focus includes the rhetorical situation, topic development, understanding an audience, appropriate research, understanding speech types, appropriate organization, the outlining process, and ethical considerations.

CMST 179 Special Topics in Communication (2)
These are seminars designed to provide communication studies students with the opportunity to explore, research, and study selected topics and/or contemporary issues related to communication, public speaking, and the media. Faculty will generally determine material covered; however, material may also reflect the expressed need or interest of students in communication studies courses.
Prerequisite: CMST& 101 with a minimum grade of C or CMST 110 with a minimum grade of C or CMST& 220 with a minimum grade of C.

CMST& 210 Interpersonal Communication (5)
This course focuses on aspects of interpersonal communication in relationships that include philosophical, theoretical, and applied exploration of self-concept, perception, emotions, language, nonverbal cues, listening, and conflict.

CMST& 220 Public Speaking (5)
(Formerly SPCH-101) An introduction to the preparation and delivery of oral presentations in an extemporaneous style. Emphasis is on ethical research, critical, logical analysis, organization of informative and persuasive presentations.
Prerequisite: ENGL& 101 with a minimum grade of C (may be taken concurrently).

Community Health Professional

CHP 300 Introduction to Community Health (5)
This course will explore the theories, past and present evidence, and application of key concepts related to understanding and improving community and population health. Students will apply these concepts to health and wellness issues with a focus on social, political, economic, environmental, and biomedical aspects of the field. Health disparities and inequities will be examined and potential solutions will be discussed. Secondary trauma, compassion fatigue, and burnout will also be investigated.
Prerequisite: Acceptance into the Community Health BAS program.

CHP 305 Community Health Advocacy (5)
This course will examine the procedures and protocols for chronic health screenings, navigation of health insurance and healthcare systems, and the fundamentals of confidentiality. Case management and advocacy principles as they apply to community and population health will be explored. Students will learn basic mental health first aid as well as the signs and symptoms of chronic and preventable health issues.
Prerequisite: Acceptance into the Community Health BAS program.

CHP 310 Community Health Communications and Infomatics (5)
This course will focus on three primary areas of ability: to collect, manage, and organize data to produce meaningful exchange of information; to gather, process, and present information to different audiences in person, through technology or other media channels; and to strategically design the information and knowledge exchange process to achieve specific objectives.
Prerequisite: Acceptance into the Community Health BAS program.

Community Health Professional

CHP 315 Health Policy, Law and Ethics (5)
This course will cover healthcare polices, laws, ethics, and social mores as they relate to the application of community health goals of protecting the public from threats of infectious disease, preventing chronic illnesses and injuries, and promoting healthy life styles. The balance between population welfare and individual rights and liberties will be examined from various perspectives. Ethical decision making strategies will be integrated throughout the course.
Prerequisite: Acceptance into the Community Health BAS program.

CHP 320 Introduction to Epidemiology (5)
In this introductory course, students will learn and apply basic concepts of epidemiology to multiple domains of public health. Students will illustrate and practice using epidemiology to better understand, characterize, and promote health at a population level. Students will engage in active and collaborative learning through team activities, individual projects, case studies, group discussion, and individual projects.
Prerequisite: Acceptance into the Community Health BAS program.

CHP 325 Population Health and Wellness (5)
This course provides an overview of the connections between prevention, wellness, and behavioral health with healthcare quality and safety, disease prevention, patient education, and behavior change across the life span. Students will learn to use theories and the four pillars of population health to understand human motives, cultural influences, and the relationship between health and behaviors. The signs and symptoms of chronic health issues will also be examined.
Prerequisite: Acceptance into the Community Health BAS program.

CHP 330 Program Planning and Evaluation (5)
This course will present a framework for developing, implementing, and evaluating strategies to improve the way healthcare and health promotion efforts are implemented in the community. Evidence based models will be used to bring together resources, logistics, plans, and people to ensure programs are functional and methods of data collection are effective.
Prerequisite: Acceptance into the Community Health BAS program.

CHP 335 Healthcare Research & Statistics (3)
Introduction to the fundamentals of research and basic statistical analyses applied to literature related to health care practice. Emphasis is placed on critical review of medical literature and its integration into clinical practice through the use of lectures and student presentations.
Prerequisite: Acceptance into the Community Health BAS program.

CHP 340 Disaster Preparedness (5)
Effective emergency planning is the key to surviving natural and man-made disasters. Risk analysis and the formulation of a comprehensive plan, followed by a vigorous and continuing testing program, are essential elements to surviving an emergency. Topics covered include threat assessment, risk analysis, formulating a response plan, staffing an emergency operations center (EOC), interagency coordination and liaison, managing an actual incident and conducting effective follow-up analysis.
Prerequisite: Acceptance into the Community Health BAS program.

CHP 360 Global Health (5)
This course will compare and contrast healthcare delivery, to include the impact of community health practice, in the United States with that of another country. Students will study an identified population to learn about culture, belief systems, values, and practices that are specific to that population in order to better understand and provide health care that is both culturally competent and culturally sensitive in nature. It introduces students to serving global populations both domestically and internationally as clinicians, educators, and researchers. Students will participate in field work with a target population.
Prerequisite: Acceptance into the Community Health BAS program.

CHP 400 Environmental Health (5)
This course will examine the role of environmental health in contemporary society through the domains of water and air quality, food safety, solid and liquid waste disposal, occupational health and injuries, agents of disease, and exposure to toxic elements. Environmental policies and regulations and the role of regulatory agencies will also be explored.
Prerequisite: Acceptance into the Community Health BAS program.

CHP 410 Trauma as a Community Health Issue (5)
This course will introduce students to the Public Health and Social-Ecological Models of Trauma. Students will learn to identify risk and protective factors related to trauma as well as the individual, relationship, community, and societal influences that create trauma and influence the reaction to it.
Prerequisite: Acceptance into the Community Health BAS program.

Community Health Professional

CHP 420 Families as Social Systems (5)
This course will explore the many definitions of "family" as it applies to health and wellness. Students will learn concepts for understanding family processes and how social and cultural contexts shape family development. Students will examine methods and interventions to be applied to the routine of daily family living, families in crisis, and families living with adversity. Focus will include the five areas of health: physical, emotional, psychological, intellectual, and spiritual.
Prerequisite: Acceptance into the Community Health BAS program.

CHP 430 Epidemics and Prevention (5)
This course will examine the complex nature of epidemics, the role of healthcare workers in dealing with epidemics, and the costs and benefits of prevention and interventions. The need for long term emergency preparedness and clearly delineated responsibilities among government and non-government agencies in responding to epidemics will also be explored.
Prerequisite: Acceptance into the Community Health BAS program.

CHP 440 Health, Culture and Diversity (5)
The focus of this course will be to explore ways in which an awareness of the culture-health relationship can inform and strength community health work. What is meant by culture, the ways in which culture intersects with health issues, and how community health efforts reduce health disparities will also be examined.
Prerequisite: Acceptance into the Community Health BAS program.

Community Health Paramedicine

CHPM 400 EMS Ethics and Leadership (5)
This course will explore the intersections of the concepts of ethics and leadership from a wide range of contexts as it applies to EMS. Students will explore questions such as: How are values and ethics established in individuals and organizations? Is ethical leadership desirable and necessary? How does ethical leadership apply to me? What are some helpful approaches to ethical questions? What are the responsibilities of leaders to establish ethical climates in their organizations and communities? What are the tensions between ethics and leadership? Are there universal values and ethical principles in leadership? How does culture influence ethics and leadership?
Prerequisite: Acceptance into the Community Health BAS program.

CHPM 410 Emergency Management (5)
This course will introduce students to the vocabulary and core components of Emergency Management. We will discuss the importance of this growing field that is changing rapidly as a result of an increase in frequency, complexity, and severity of man-made, natural, and technological disasters. We will examine historical events that have changed the nature of the field, and introduce students to the leadership and management roles that have emerged as a result of these events taking place.
Prerequisite: Acceptance into the Community Health BAS program.

CHPM 420 Injury Prevention (5)
The purpose of this course is to provide an overview of the major issues in health promotion and disease and injury prevention. Students are introduced to strategies for promoting health and wellness, the major causes of premature mortality and morbidity, behavioral and environmental contributions to illness and injury, as well as strategies for risk reduction. Students will learn about the economic, public policy, and ethical issues that health promotion raises.
Prerequisite: Acceptance into the Community Health BAS program.

CHPM 430 Community Paramedicine (10)
A Community Paramedic (CP) is an advanced paramedic that works to increase access to primary and preventive care and decrease use of emergency departments, which in turn decreases health care costs. Among other things, CPs may play a key role in providing follow–up services after a hospital discharge to prevent hospital readmission. CPs can provide health assessments, chronic disease monitoring and education, medication management, immunizations and vaccinations, laboratory specimen collection, hospital discharge follow–up care and minor medical procedures.
Prerequisite: Acceptance into the Community Health BAS program.

CHPM 440 Community Paramedicine Internship (5)
Clinical internship for Community Paramedicine.
Prerequisite: Acceptance into the Community Health BAS program.

CHPM 450 Critical Care Transport (10)
Critical Care Transport course is designed to prepare the paramedic for advanced critical care on ground and air transports. This includes providing advanced clinical patient assessments and providing invasive care beyond the standard scope of advanced pre-hospital care. Upon completion of the CHPM series the student may take the Certified Flight Paramedic (FP-C) and/or the Certified Critical Care Paramedic (CCP-C) exams held by the International Board of Specialty Certification (IBSC).
Prerequisite: Acceptance into the Community Health BAS program.

Community Health Respiratory Care

CHRC 400 Tobacco and Nicotine Treatment (5)
Course focuses on the skills needed to effectively treat tobacco dependence. This course will cover: neuropharmacology of nicotine, optimization of pharmacologic management, conducting a basic counseling session, motivational interviewing and other counseling approaches, and application of treatment of tobacco dependence to people with co-morbid conditions.
Prerequisite: Acceptance into the Community Health BAS program.

CHRC 410 Leadership for the Health Care Professional (5)
An extensive examination of current practices/trends of techniques used in the leadership of the health care environment. Emphasis will be placed upon specific skill sets necessary for effective supervision and leadership in a health care environment.
Prerequisite: Acceptance into the Community Health BAS program.

CHRC 420 Education in Healthcare (5)
An interactive course designed to provide health care professionals with the skills needed to provide effective peer, student and client education.
Prerequisite: Acceptance into the Community Health BAS program.

CHRC 430 Advanced Patient Care (5)
This comprehensive course gives Respiratory Care Practitioners the opportunity to enhance their knowledge and critical thinking skills in the areas of adult critical care, neonatal/pediatric critical care and emergency room environments. With content geared toward respiratory critical care and general critical care, this course is a comprehensive orientation to the respiratory therapist's role in caring for critically ill patients. This course prepares practitioners for specialty credentials in adult critical care and neonatal/pediatrics.
Prerequisite: Acceptance into the Community Health BAS program.

Computer Science

Tacoma Community College offers a wide range of courses involving computer applications. The courses listed below are designed to satisfy computer programming requirements for engineering and science majors. Students intending to major in Computer Science at a baccalaureate institution should work toward an Associate of Science degree with a Computer Science Specialization.

Students interested in introductory computer courses or business applications should see courses listed under Computer User.

CS 142 Java Programming for Engineers and Scientists I (5)
Using the Java programming language, students learn general principles of object-oriented programming, including how to design, implement, document, test, and debug computer programs. Topics include classes, objects, messages, expressions, decision structures, iteration, arrays, collections, events, and interfaces.
Prerequisite: MATH& 141 with a minimum grade of C or equivalent.

CS 143 Java Programming for Engineers and Scientists II (5)
An intermediate programming course, using Java. Topics will include classes, interfaces, inheritance, polymorphism, exception handling, recursion, data structures, and an introduction to performance analysis and implementation trade-offs.
Prerequisite: CS 142 with a minimum grade of C.

Economics

ECON& 201 Micro Economics (5)

(Formerly ECON-201) Theory of the market systems as a method of allocating resources and distributing income and products. Analysis of current problems including government regulation, subsidies, monopoly, and taxation.
Prerequisite: MATH 095 with a minimum grade of C or equivalent or assessment above MATH 095 or MATH 094 with a minimum grade of C.

ECON& 202 Macro Economics (5)

(Formerly ECON-200) History and development of the United States' economy, including effects of government taxing and spending, control of the money supply, and effects of international trade.
Prerequisite: MATH 095 with a minimum grade of C or equivalent or assessment above MATH 095 or MATH 094 with a minimum grade of C.

Education

EDUC& 115 Child Development (5)

The purpose of this course is to provide the student with an overview of the study of child development, including those children who are culturally, linguistically, and ability diverse. The scientific and theoretical approaches to studying the development of the physical, cognitive, communication, social, and emotional changes that occur from conception through adolescence and the biological and/or environmental influences that affect this development will be addressed. Materials and resources regarding communication with families, brain development, and milestones for each stage of development will also be provided. Four field observations within inclusive child care settings are required outside of class time.
Prerequisite: PSYC& 100.

EDUC& 204 Exceptional Child (5)

This introductory course will address supports and services across home and community settings for culturally, linguistically, and ability diverse young children, ages birth to eight. Emphasis will be placed on identifying and using evidence-based practices for working with children with special needs and their families, and the resources and tools for navigating early intervention and special education services, including the history, legislation, policies, and competencies that guide early intervention in the State of Washington. As part of this course, 40 hours in a supervised Field Experience are required. The integration of theory and developmentally appropriate evidence-based practice will be expected. Emphasis will be placed on professional relationships, appropriate adult/child interactions, basic curriculum planning, and program routines for young children with special needs and their families. A criminal background check is required.

EDUC& 205 Introduction to Education w/Field Experience (5)

(Formerly EDUC-201) Designed for students who are considering teaching as a profession, the course will examine historical and philosophical foundations of American education, learning theories, contemporary students, and curriculum development. The course will also explore the social, political, cultural, and economic pressures that influence current issues and trends in education. Includes a required field experience in a public school K-12 setting (40 hours) that provides students opportunities to observe and reflect upon today?s classrooms, students, and teachers.
Prerequisite: Assessment at college-level reading and writing.

EDUC 220 Diversity in Education (5)

Examination of the relationship of cultural values to the formation of the child's self-concept and learning styles. Examination of the role of prejudice, stereotyping and cultural incompatibilities in education. Emphasis on preparing future teachers to offer an equal educational opportunity to children of all socioeconomic and cultural groups, as well as inclusion of exceptional children. (multicultural content)

EDUC 299 Early Childhood Field Experience (2)

A 2-credit course based on an independent study contracted between an instructor and a student. This class is taken concurrently with EDP-100 wich will provide the opportunity to work with children in ECE classrooms, learning and implementing developmentally appropriate practices in guidance, curriculum, observation, assessment and the preparation of the physical environment.
Prerequisite: EDP 100 must be taken concurrently.

Engineering

The Engineering transfer program is designed to offer students the same courses as the first two years at a baccalaureate institution.

There are three engineering discipline specific Major Related Pathway (MRP) Associate of Science degrees: (1) Civil, Mechanical, Industrial, Aeronautical/ Astronautical and Material Science Engineering, (2) Electrical and Computer Engineering, and (3) Bioengineering and Chemical Engineering. There are also two engineering related specializations in the Associate of Science: (1) General Engineering, and (2) Computer Engineering. Students are not encouraged to pursue the General Engineering Specialization unless specifically directed by an Engineering Advisor. Students are strongly encouraged to meet with an Engineering Advisor as early as possible.

Students seeking courses for general interest, upgrading skills, or college-level electives should consider ENGR& 104, ENGR& 114, and ENGL& 235.

TCC supports a local chapter of the ASME (American Society of Mechanical Engineers) and encourages student involvement.

ENGR& 104 Introduction to Engineering and Design (5)

(Formerly ENGR-100) Introduction to the engineering profession and its design process by building group skills, understanding the effects of different learning styles, producing strategies for innovation, and fostering creativity in problem solving. Includes design projects, journal keeping, professionalism and ethical issues, and oral presentations. Acquaints students with disciplines and opportunities in engineering.
Prerequisite: ENGL/ 095 with a minimum grade of C or equivalent and MATH 090 with a minimum grade of C or equivalent.

ENGR& 114 Engineering Graphics (5)

(Formerly ENGR-123) An introduction to Computer Aided Design (CAD) using software based on parametric solid modeling. Students will use the software to create virtual models, show the models in various projections and views, manage the associated computer files, and produce engineering drawings. The course includes the engineering graphics topics of three-dimensional visualization, sketching, displaying solid objects in two-dimensional views, dimensioning, and reading engineering drawings.
Prerequisite: ENGL/ 095 with a minimum grade of C or equivalent; and MATH 090 with a minimum grade of C or equivalent.

ENGR& 204 Electrical Circuits (6)

(Formerly ENGR-215) An introduction to electrical engineering through basic circuit and system concepts. Topics include: resistors, sources, capacitors, inductors, operational amplifiers, node and mesh analysis, Thevenin and Norton equivalents, RLC circuits, phasors and steady state power in AC transmission. Solution of first and second order linear differential equations associated with basic circuit forms will be used. Laboratory activities illustrate principles explored in lecture.
Prerequisite: MATH 238 (may be taken concurrently) and PHYS& 222.

ENGR& 214 Statics (5)

(Formerly ENGR-210) Scalar and vector analysis of two, and three-dimensional static structures. Topics include: vector notation, equilibrium, moments, couples, distributed loads, resultants, trusses, frames and machines, center of mass, inertia, shear and bending moment diagrams, and friction. Includes a team project.
Prerequisite: PHYS& 221 (may be taken concurrently) and MATH& 152.

ENGR& 215 Dynamics (5)

(Formerly ENGR-230) Dynamics of particles and rigid bodies, using the vector notation. Topics covered in this course include: kinematics, kinetics, rectangular coordinates, normal and tangent coordinates, polar coordinates, curvilinear motion, work, energy, impulse, momentum, impact, steady mass flow, rotation, absolute motion and relative motion. Includes design project.
Prerequisite: ENGR& 214 and MATH& 153.

ENGR& 224 Engineering Thermodynamics (5)

(Formerly ENGR-260) Introduction to principles of thermodynamics from a predominantly macroscopic point of view. Development of the basic laws of thermodynamics and their application to energy transformation and state changes in engineering problems.
Topics include work, heat, energy, entropy, specific heat, open and closed system analysis, and applications to devices and systems. Simple power and refrigeration cycles, including Carnot, Otto, Diesel, Brayton and Rankine are introduced.
Prerequisite: PHYS& 221 and MATH& 152 and CHEM& 161.

ENGR& 225 Mechanics of Materials (5)

(Formerly ENGR-220) An introduction to the concepts of stress, strain, deformation, and failure theory in solid materials.
Applies mechanics of materials concepts to structural and machine elements in tension, compression, bending, and torsion. Topics include deformation of members, Poisson's ratio, stress concentrations, thermal stress, statically indeterminate techniques, flexure formula, shear formula, stress transformation, Mohr's circle, strain gauges, deflections, and columns. Includes a design project.
Prerequisite: MATH& 153 (may be taken concurrently) and ENGR& 214.

ENGR 240 Applied Numerical Methods (5)

Numerical solutions to problems in engineering and science using modern scientific computing tools. Application of mathematical judgment in selecting computational algorithms and communicating results. Introduction to MATLAB programming for numerical computation.
Prerequisite: MATH& 153.
Recommended: MATH 220.

ENGR 299 Independent Study (1-5)

Independent design, observation, analysis, and reporting of an engineering project or topic.
Prerequisite: Instructor permission.

English: Composition

Students enrolled in the English for Academic Purposes program are strongly advised to complete the program before attempting the English program designed for native speakers. Courses numbered below 100 cannot be applied towards certificate or degree requirements.

ENGL/ 085 Academic Reading and Writing I: Foundations (7-10)

A pre-college integrated reading and writing course that provides instructions and practice skills needed for placement into ENGL/ 095. Course work includes grammatical concepts in order to write clear and correct sentences and paragraphs. This course is designed to introduce basic reading skills and to develop basic writing skills. Course work emphasizes writing from observations as well as writing in response to readings. The writing focus is on writing sentences which demonstrate a basic grasp of syntax and usage and writing sound paragraphs which express a main idea clearly and develop it fully with a minimum of errors in sentence structure, punctuation, and spelling. This course enables students to work with essential text structure and to begin basic analysis of passages from a variety of texts. Identification of main points, details, and implications are included, as well as skills in outlining and summarizing. Lab application is used for practice, and vocabulary development is included.
Prerequisite: EAP 155 and EAP 159 with a minimum grade of C or assessment into ENGL 085 and ENGL 095 or ENGL /085.

ENGL/ 095 Academic Reading and Writing II: Threshold (7-10)

An integrated pre-college course designed to improve the student's reading and writing ability for entrance into ENGL& 101. Course work focuses on critical reading and analytical writing in response to readings, with an emphasis on organization, unity, coherence, and adequate development; an introduction to expository essays; and a review of the rules and conventions of standard written English. Essay and research writing is included. This is a preparatory class for college success with reading emphasis on text analysis for structure, inferring meaning, critical thinking, and vocabulary development. Introduction to literary devices is included. A variety of expository excerpts from college textbooks are used for demonstration of skills. Lab application is used for practice.
Prerequisite: EAP 154 with a minimum grade of C; or both EAP 155 and EAP 159 with a minimum grade of C; or ENGL/ 085 with a minimum grade of C or equivalent ABE 074, ABE 075, ABE 077, ABE 078, ABE 079 with a minimum grade of C.

ENGL& 101 English Composition I (5)

(Previously ENGL-101) Study and application of the principles of college writing. Students read, analyze, and write expository, descriptive, and argumentative essays, as well as learn to develop ideas fully, organize them effectively, and express them clearly. ENGL 101 readings focus on the essay. This course may not be taken "S/U."
Prerequisite: ENGL 095 and READ 095 with a minimum grade of C or ENGL/ 095 with a minimum grade of C or assessment at or above college-level reading and writing.

ENGL& 102 Composition II: Argument and Persuasion (5)

(Formerly ENGL-102) The application and further development of writing principles covered in ENGL&-101. ENGL&-102 is a composition course designed to develop the student's ability to write sound and cogent arguments in several academic disciplines. Course work focuses on strategies for developing convincing evidence, with emphasis on critical thinking and library research skills. This course may not be taken S/U.
Prerequisite: ENGL& 101 with a minimum grade of C.

ENGL 103 Composition III: Writing about Literature (5)

The application and further development of writing principles covered in ENGL&-101. The writing - primarily analytical - is based on the reading and discussion of literature. This course may not be taken S/U.
Prerequisite: ENGL& 101 with a minimum grade of C.

ENGL 180 Una Voce Workshop (2)

Una Voce Workshop provides practical, hands-on experience at every stage of the production of a magazine: solicitation of essays, selection of submissions, arrangement of submissions, writing of introductions, proofreading, and publication.
Prerequisite: ENGL& 101 with a minimum grade of C.

ENGL& 235 Technical Writing (5)

(Formerly ENGR 231) A practical course in organizing, developing and writing technical information, including reports. Attention given to organizational patterns and report formats common to scientific and technical disciplines and technical writing conventions, including headings, illustrations, style and tone.
Prerequisite: ENGL& 101 with a grade of C or higher.

ENGL 301 Professional Writing and Communication in Health Care (5)

This course will expose the learner to professional writing and communication in the healthcare field. Students will explore methods of writing persuasive requests, justifying decisions through citation of evidence, and communicating complex ideas at the appropriate level of the audience.
Prerequisite: Admission into HIM BAS program and ENGL& 101 with a minimum grade of C.
Recommended preparation: ENGL& 102 with a minimum grade of C.

German

The basic tenets of communications including reading, writing, speaking, and listening are developed in a dynamic second language acquisition environment enhanced by technology.

Grammar is used as a communication tool to express meaning as students take part in small group discussions, cultural investigation, and presentation. Authentic materials will be focused on in the class as well as assessment. Students should expect to be immersed in the language. English will be used at a minimum.

GERM& 121 German I (5)

(Formerly GERM 101) This is the first quarter course in the sequence of GERM& 121, GERM& 122, and GERM& 123. (multicultural content)
Prerequisite: ENGL/ 095 with a minimum grade of C or equivalent.

GERM& 122 German II (5)

(Formerly GERM 102) GERM& 122 is the second quarter of the first-year language sequence and continues to build on the skills acquired in GERM& 121. (multicultural content)
Prerequisite: GERM& 121 with a minimum grade of C or instructor permission.

GERM& 123 German III (5)

(Formerly GERM 103) GERM& 123 is the third quarter of the first-year language sequence and continues to build on the skills acquired in GERM& 122. (multicultural content)
Prerequisite: GERM& 122 with a minimum grade of C or instructor permission.

Health Information Management

Note: Classes are offered in online format.

HIM 310 Data Governance (?)

This course covers the management of healthcare data including integration needs and the standardization of data. Topics include documentation guidelines, the exchange of data, health information technologies and data integrity.
Prerequisite: Acceptance into the HIM BAS Program.

HIM 320 Healthcare Privacy, Confidentiality, and Security (3)

This course covers privacy, security and confidentiality of internal and external health information use and exchange. Students will gain knowledge of data quality and monitoring programs and the legal and ethical implications of health data disclosure. Topics will include privacy, confidentiality, security principles, policies, and procedures, health information laws, regulations, and standards, and elements of a compliance program.
Prerequisite: Acceptance into the HIM BAS Program.

HIM 330 Revenue Cycle Management (5)

This course will cover an in depth analysis of revenue cycle and reimbursement methodologies in. Students will learn how to develop and implement healthcare finance and compliance processes in response to increasing demands of the healthcare industry. Topics will include reimbursement management, severity of illness systems, chargemaster management, casemix management, audit processes, and payment systems.
Prerequisite: Acceptance into the HIM BAS Program.

HIM 340 Data Quality Management and Performance Improvement (5)

This course covers the foundational base that guides facilities in the management and analysis of healthcare data and that ensures data integrity. Topics include quality assessment and management tools, utilization and resource management, risk management, and disease management processes.
Prerequisite: Acceptance into the HIM BAS Program. Instructor permission only.

HIM 350 Health Information Systems Analysis and Design (5)

This course will examine the tools and knowledge necessary to take part in the planning, design, selection, implementation, integration, testing, evaluation, and support of health information technologies.
Prerequisite: Acceptance into the HIM BAS Program.

HIM 410 Healthcare Compliance (5)

This course will evaluate current laws and standards related to health information initiatives. Students will study the link between regulatory compliance, revenue cycle and quality of care. Fraud and abuse trends will be discussed with an emphasis on establishing and managing policies and procedures for compliance.
Prerequisite: Acceptance into the HIM BAS Program. Instructor permision only.

HIM 420 Human Resource Management and Leadership (5)

This course covers theories and best practices of human resource management in healthcare. Topics will include leadership styles, workplace diversity, forming quality work teams, equal opportunity, work analysis, staffing, training and development, performance appraisals, compensation, and grievance procedures.
Prerequisite: Acceptance into the HIM BAS Program.

Health Information Technology

HIT 245 Advanced Coding and Compliance (5)
(Formerly HIM 245) This course covers advanced application and instruction on the more difficult sections of the coding systems for both inpatient and outpatient coding. Topics also include coding compliance issues. Discussion of legacy and alternative coding systems is also included in this course.
Prerequisite: HIT 170, 221 and 230 with a minimum grade of C.

HIT 250 Inpatient Coding Professional Practice Experience (2)
(Formally HIM 250) This professional practice experience allows students to apply skills and knowledge acquired in previous courses to the outpatient coding setting.
Prerequisite: HIT 245 with a minimum grade of C.

HIT 254 HIT Capstone (5)
(Formerly HIM 254) This course is the culminating class for the HIT program. Students will participate in leadership projects, create capstone projects to strengthen their AHIMA Entry Level Competencies, prepare for the national Registered Health Information Technician exam, and prepare for employment.
Prerequisite: HIT 210, 235, and 245 with a minimum grade of C; HIT 242 with a minimum grade of C or concurrent.

HIT 255 HIT Professional Practice Experience (5)
(Formerly HIM 255)Students will apply skills and knowledge acquired in previous courses in their professional practice experiences.
Prerequisite: HIT 254.

HIT 279 Ethical Issues in Healthcare Leadership (1)
Students will discuss the implications of ethics in healthcare leadership. Focus of discussion will change quarterly.

MO 101 Healthcare Delivery and Alternate Care (5)
Students will be introduced to the many types of health care delivery systems in the United States. Students will identify laws, regulations, standards, initiatives, and payment systems; policies and procedures applicable to the various health care organizations. Students will gain an appreciation of the roles and disciplines of the providers throughout the continuum of health care in the U.S.

MO 110 Medical Office Procedures (5)
This class covers customary daily activities of a medical office including computerized appointment setting, insurance verification and compliance, chart maintenance, documentation creation, filing, customer service skills, confidentiality, patient referrals, and being part of the healthcare team.
Prerequisite: CU 105 with a minimum grade of C and MO 101 with a minimum grade of C and HIT 130 with a minimum grade of C.

MO 115 Medical Scribe (4)
This course provides students with skills necessary to enter information into a patient's electronic health record or chart at the direction of a physician or licensed independent practitioner. Topics include Basic Coding, HIPAA Compliance, Medico-legal risk mitigation, EHR functionality, elements of documentation, CMS Physician Quality Reporting Systems, The Joint Commission's Accountability Measures, and a general knowledge of the roles and responsibilities of medical personnel.
Prerequisite: ENGL& 101 with a minimum grade of C or concurrent enrollment; HIT 105 with a minimum grade of C or equivalent; and either BIOL& 175, BIOL& 241 or BIOL& 242 with a minimum grade of C or concurrent enrollment.

MO 143 Medical Office Professional Development and Ethics (3)
This course covers professional development and ethical issues in the medical office. Students will prepare professional portfolios to showcase skills. Students will discuss interviewing techniques. This course will cover professional ethics.

MO 151 Insurance/Claims Processing (5)
(Formerly HIT 151) This course is designed to introduce information about major insurance programs and federal healthcare legislation, provide a basic knowledge of national diagnosis and procedural coding systems, and learn to simplify the process of completing claims.
Prerequisite: MO 101, 110 and HIT 141 with a minimum grade of C; and either MO 159 or HIT 170 with a minimum grade of C.

MO 159 Introduction to Outpatient Procedure Coding (4)
This course covers procedural coding used in hospitals, physicians offices and medical clinics serving outpatients at an introductory level. Familiarization with basic coding concepts in procedure coding to include CPT and HCPCS. Emphasis is on CPT ambulatory services coding. Discussion of coding for medical necessity.

MO 185 Medical Reimbursement Specialist Clinical (3)
(Formerly HIT 185) Students will apply skills and knowledge acquired in previous courses to medical reimbursement settings in the community.
Prerequisite: MO 151 with a minimum grade of C or concurrent enrollment.

OLL 101 Success in Online Learning (2)
This course will help prepare students for success in online courses in any discipline. Students will explore strategies for online communication, identify online tools and resources, identify problem solving techniques for technology, and identify coping skills for working in an online environment. This course is open to all students.

Information Technology

IT 210 Operating Systems II (5)
This course extends the skills learned in IT-110 to more advanced desktop operating systems. Installation, maintenance, and troubleshooting are stressed.
Prerequisite: IT 102 and IT 110 with a minimum grade of C or Program Chair permission.

IT 211 Operating Systems III (5)
Provides hands-on experience in installation, configuration and administration of the UNIX/ Linux operating system in a networked environment.
Prerequisite: IT 102 and IT 110 with a minimum grade of C; or Program Chair permission.

IT 230 Introduction to Project Management (2)
An introduction to Project Management from a team member perspective. Students will learn the different tools and techniques used in initiating, planning, developing, documenting and completing a project.
Prerequisite: ENGL& 101 and BUS& 101 or BUS 164 or Program Chair permission.

IT 246 Database Implementation (5)
(Formerly IT 246 and 248 combined) Students will learn to implement a SQL database for business needs. Students will use a graphical user interface and structured query language to implement databases and reporting solutions.
Prerequisite: BUS 110 with a minimum grade of C or equivalent; program chair permission. Recommended preparation: CU 210 with a minimum grade of C or equivalent.

IT 247 IT Project Management (5)
Project Management for IT professionals and projects from a team member perspective. Students will learn the different tools and techniques used in initiating, planning, developing, documenting and completing an IT project.
Prerequisite: IT 230 or IT 261 with a minimum grade of C or Program Chair permission.

IT 249 Database Programming (3)
The Database Programming course is focused on different aspects of integration of applications with database design and development. Students hone their technical skills by learning how to analyze, design and develop database systems. This course is designed to further develop programming proficiency. Emphasis is on data definition, data manipulation, and data control statements including database cursors, triggers, procedures and functions. Students will be required to learn and develop skills using the developer tools, Forms Builder and Reports Builder in this course for report generation and publication. Upon completion, students should be able to write programs which create, update, and produce reports.
Prerequisite: IT 246 with a minimum grade of C or program chair permission.
Recommended Preparation: CU 210 with a minimum grade of C.

IT 257 Social Media (3)
This course is designed to provide students with a foundational skill set in the new, evolving world of social media tools and strategies so that they can immediately apply them in the workplace.
Prerequisite: CU 105 with a minimum grade of C or Program Chair permission.
Recommended Preparation: CU 101.

IT 260 Client/Server Technology - LANs (5)
This course introduces the student to the concepts of data communication in a Local Area Network (LAN) environment. It includes training in the methods and protocols used to allow networked computer systems to communicate in local environments. Topics include the OSI Communication Model, transmission media, protocol stacks especially TCP/IP, simple internetworking, and LAN services. Course objectives are based on those of the COMPTIA Network + certification exams.
Prerequisite: IT 102 and IT 110 with a minimum grade of C and IT 261 (may be taken concurrently) or Program Chair permission.

IT 261 Administration of Networks (5)
The student is introduced to networking and to a detailed study of network administration techniques. This is an applied course in the concepts of local area networks (LANs). The student focuses on configuration of file and print services. Methods and tools for designing, implementing, and maintaining a secure, expandable local area network environments are studied. Microsoft Windows Server is used as the platform for this course.
Prerequisite: IT 102 and IT 110 with a minimum grade of C and IT 260 (may be taken concurrently) or Program Chair permission.

IT 262 Technical Support of Windows Networks (5)
This is a practical course in the installation, configuration, maintenance, and support of Local Area Networks (LANs) using the Windows Network Operating Systems (NOSs). A Microsoft Windows Server is installed and configured for secure and efficient file, print and application services. The architecture and functionality of the Windows Server OS are studied. The course also provides the theoretical, hands on, and practical techniques that can be used in preparation for the COMPTIA Server+ exam.
Prerequisite: IT 260 and IT 261, with a minimum grade of C and IT 270 (may be taken concurrently) or Program Chair permission. Recommended: IT 210.

IT 270 Service and Support Fundamentals (5)
This course is an introduction to the methodologies and tools for personal computer and Local Area Network (LAN) troubleshooting from a proactive viewpoint. The student studies the methods to identify and repair the most likely causes of network faults caused by user, hardware, and software problems. Disaster Plans, including a Backup Plan, are developed. Quality customer service, journaling and documentation are emphasized. Configuration management and patch/ service release installation is learned. Server performance monitoring is discussed.
Prerequisite: IT 260 and IT 261 with a minimum grade of C and IT 262 (may be taken concurrently) or Program Chair permission. Recommended: IT 210.

Mathematics

TCC offers both college transfer and pre-college-level courses. TCC uses multiple measures for placement into its math courses (see Assessment section, page 10). Courses numbered below 100 cannot be applied toward degree or certificate requirements. See Advising for details.

Students considering a major in mathematics, engineering, science or computer science will normally complete MATH& 141, 142, 151, 152, 153, 254 and MATH 220, 238. Business and economics majors should complete MATH 147 and MATH& 148.

The use of computer applications, including spreadsheets, is included in MATH& 146, MATH 147 and MATH& 148. For these classes, CU 103 and CU 203 are recommended as prerequisites if a student does not have spreadsheet experience.

Many developmental math courses are offered in a computer-mediated format (designated with "CM" in the section number of the class). Students learn by using computer software under their instructor's direction, often working independently or in small groups. Students are required to complete material within a time line established by the instructor. Additional time is required working on a home computer or in a TCC computer lab.

MATH 075 Review Arithmetic (5)

(Previously MATH 086) Review of basic mathematics including arithmetic of whole numbers, fractions, decimals, percentages, ratios, proportions and plane geometry. Four-function basic calculator required.

MATH 085 Introduction to Elementary Algebra (5)

(Previously MATH 088) Beginning algebra specifically designed for students with no algebra background. Topics include introduction to variables and signed numbers, solutions to linear equations and inequalities, simplification of algebraic expressions, evaluation and manipulation of formulas, an emphasis on word problems and graphing of linear equations.

Prerequisite: ENGL/ 085 with a minimum grade of C (may be taken concurrently) or equivalent; and either MATH 075 with a minimum grade of C or equivalent or ABE 083 with a minimum grade of C.

MATH 090 Elementary Algebra (5)

Topics include linear equations, polynomials, factoring, rational expressions, and graphing. Scientific calculator required.

Prerequisite: ENGL/ 085 with a minimum grade of C or equivalent; and either MATH 085 with a minimum grade of C or ABE 068 with a minimum grade of B- or equivalent..

MATH 093 Descriptive Statistics with Algebra (5)

Based on the Statway curriculum for teaching statistics with integrated algebra. Introduction to descriptive statistics. Topics include data analysis and statistical studies, graphical and tabular summaries of data, measures of central tendency and variability, basic probability, functions, linear equations, linear regression and two-way tables. Preparation course for MATH-136.

Prerequisite: MATH 085 with a minimum grade of C or assessment above MATH 085 and ENGL/ 095 (may be taken concurrently) with a minimum grade of C or equivalent.

MATH 094 Statway Bridge to Business Algebra (5)

Topics include rates of change, introduction to functions, linear, quadratic, exponential and logarithmic functions and their applications, systems of linear equations and inequalities and their applications.

Prerequisite: MATH 136 with a minimum grade of C.

MATH 095 Intermediate Algebra (5)

(Formerly MATH 099) Topics include introduction to functions; linear, quadratic, exponential and logarithmic functions and their applications; systems of linear equations and inequalities and their applications; rational exponents and radicals.

Prerequisite: MATH 090 with a minimum grade of C or assessment above MATH 090; and ENGL/ 085 with a minimum grade of C or equivalent.

MATH 096 Accelerated Algebra (3)

A survey of algebraic concepts and skills intended for students majoring in math, science, or engineering. Topics include linear, quadratic, and radical functions, simplifying expressions, and solving equations.
This course integrates the necessary algebraic skills and concepts into MATH-140 Introduction to Precalculus.

Prerequisite: MATH 090 with a minimum grade of B or MATH 095 with a minimum grade of C or appropriate MATH placement; and ENGL/ 095 with a minimum grade of C or equivalent. Co-requisite: MATH 140.

MATH& 107 Math in Society (5)

(Formerly MATH 107) A general education course investigating quantitative reasoning and its applications and role in society. Topics may include graph theory, statistics, coding, game theory, symmetry, and geometric and numerical patterns. Mathematical theory combined with quantitative skills will be used in applications to a variety of problems encountered in mathematics and the world. A thematic approach may be taken in this course.

Prerequisite: MATH 095 with a minimum grade of C or equivalent; and ENGL/ 095 with a minimum grade of C or assessment above ENGL/ 095 or equivalent.

Music

MUSC 261 Symphonic Band II (2)
Advanced preparation and performance of concert band music. Students are expected to attend weekly rehearsals, and participate in at least 1 quarterly concert. This band is a combination of student and volunteer community musicians. This course is designed for students in their second year of participation in the TCC concert band. May be taken three times. Performance/skills course.
Prerequisite: MUSC 161 with a minimum grade of C or instructor permission by audition.

MUSC 265 Jazz Band II (2)
Advanced preparation and performance of jazz band music. Students are expected to attend weekly rehearsals, and participate in at least 1 quarterly concert. This orchestra is a combination of student and volunteer community musicians. This course is designed for students in their second year of participation in the TCC jazz band. May be taken three times. Performance/skills course.
Prerequisite: MUSC 165 with a minimum grade of C or instructor permission by audition.

MUSC 299 Independent Study (1-5)
Independent learning activity designed jointly by student and instructor to improve and/or increase the learner's knowledge and skill in the area of music. This course is an elective, and transferability is inconsistent. Instructor approval needed for enrollment. Variable credit course.
Prerequisite: Instructor permission.

Nursing

NURS 101 Health & Illness - Level 1 (4)
This course introduces the student to the nursing program curriculum and beginning knowledge of nursing practice. It focuses on the concepts of Communication; Culture and Diversity; Family; Spirituality; Caring Interventions; Assessment; Health, Wellness & Illness; and Nutrition across the Lifespan.
Prerequisite: Admission to the Nursing Program.

NURS 102 Health & Illness - Level 2 (4)
This course introduces the student to beginning knowledge of nursing practice. Health and Illness concepts included in this course are: Sexuality, Reproduction, Development, Stress and Coping, Comfort, Self, Grief and Loss, Mobility, and Sensory Perception. All concepts are applied to the care of individuals across the lifespan and include elements of nutrition as applicable.
Prerequisite: NURS 115, NURS 181, NURS 191 and NURS 153 with a minimum grade of C; and either NURS 101 or both NURS 171 and NURS 172 with a minimum grade of C.

NURS 103 Health & Illness - Level 3 (5)
This course introduces the student to intermediate knowledge of nursing practice. Health and Illness concepts included in this course are: Fluid and Electrolytes, Acid-Base Balance, Inflammation, Tissue Integrity, Infection, Cellular Regulation, Metabolism, Immunity, and Elimination. All concepts are applied to the care of individuals across the lifespan and include elements of nutrition as applicable.
Prerequisite: NURS 154, NURS 116, NURS 192 and NURS 182 with a minimum grade of C; and either NURS 102 or both NURS 173 and NURS 174 with a minimum grade of C.

NURS 115 Skills and Assessment Lab I (3)
This course introduces the nursing student to the application of concepts through clinical skills in the laboratory setting. Concepts of assessment, caring interventions, teaching and learning, safety, mobility, elimination, perfusion, oxygenation, and infection will be included across the lifespan. Students will participate in supervised practice and competency validation under simulated conditions.
Prerequisite: Admission to the Nursing program.

NURS 116 Skills and Assessment Lab II (3)
This course introduces the nursing student to the application of concepts through clinical skills in the laboratory setting. Concepts of assessment, caring interventions, comfort, fluid and electrolytes, elimination, nutrition and digestion, metabolism, tissue integrity, and infection will be included across the lifespan. Accurate calculation, measurement, and administration of medications will be also be emphasized. Students will participate in supervised practice and competency validation under simulated conditions.
Prerequisite: NURS 115 with a minimum grade of C; NURS 153 with a minimum grade of C; NURS 171 with a minimum grade of C; NURS 172 with a minimum grade of C; NURS 181 with a minimum grade of C; NURS 191 with a minimum grade of C.

NURS 117 Skills and Assessment Lab - LPN Transition (3)
This course is designed for LPNs transitioning to the RN program. It reinforces the application of concepts through clinical skills in the laboratory setting and introduces the LPN to skills necessary to successfully transition to the role of RN. Concepts of assessment, caring interventions, comfort, fluid and electrolytes, elimination, nutrition and digestion, metabolism, tissue integrity, and infection will be included. Accurate calculation, measurement, and administration of medications will also be emphasized. Students will participate in supervised practice and competency validation under simulated conditions.
Prerequisite: Active unencumbered WA LPN License and admission to the Nursing program.

NURS 124 Clinical Simulation III (2)
This course provides learning opportunities through simulated practice of nursing care delivery. It includes participation in select patient/client scenarios across the lifespan in a simulation lab setting, using application of concepts in coordination with other courses in the program.
Prerequisite: NURS 116, NURS 154, NURS 182, and NURS 192 with a minimum grade of C; and either NURS 102 or both NURS 173 and NURS 174 with a minimum grade of C.

Nursing

NURS 298 Independent Study Nursing Lab and Simulation (1-5)

Independent lab and/or simulation learning activity designed jointly by student and instructor to improve and/or increase the knowledge and skill of the learner.
Prerequisite: Instructor permission.

NURS 299 Individualized Studies in Nursing (1-5)

Independent learning activity designed jointly by student and instructor to improve and/or increase the knowledge and skill of the learner.
Prerequisite: Instructor permission.

Nutrition

NUTR& 101 Human Nutrition (5)

A scientific study of human nutrition, with an emphasis on a chemical understanding of the major nutrients, a biologic understanding of the gastrointestinal tract and a practical understanding of dietary needs throughout life. This is not a lab course. Students may not receive credit for both NUTR 101 and NUTR&101.
Prerequisite: ENGL/ 095 with a minimum grade of C or equivalent; and MATH 090 with a minimum grade of C or equivalent Recommended Preparation: CHEM& 110 with a minimum grade of C or BIOL& 100 with a minimum grade of C or BIOL& 160 with a minimum grade of C.

Oceanography

Students seeking courses for general interest or degree distribution requirements may consider OCEA& 101 and OCEA 179 for the Associate in Arts and Sciences, General Studies and Applied Sciences degrees. Students intending to major in Oceanography at a baccalaureate institution should consult with the Earth Sciences advisor.

OCEA& 101 Introduction to Oceanography (5)

(Formerly OCEAN-101) Focuses on topics such as the origin of ocean basins, seawater chemistry, atmospheric and oceanic circulation, waves, and marine ecosystems. The laboratory includes investigations of oceanographic phenomena and local field trips.
Prerequisite: ENGL 095 and READ 095 with a minimum grade of C or ENGL/ 095 with a minimum grade of C and MATH 090 with a minimum grade of C or equivalent assessment in these areas.

OCEA 179 Special Topics in Oceanography (2)

These are seminars designed to provide Oceanography students with the opportunity to study selected oceanography topics and techniques. Topics and/or techniques covered will generally be determined by the instructor but may also reflect the expressed need or interest of students in the earth science program.

OCEA 299 Independent Study in Oceanography (1)

Independent study of oceanographic topics.
Prerequisite: Instructor permission.

Physical Education

PE 190 Health and Wellness (3)
A course for students to learn how to take control of their personal health and lifestyle habits so they can make a constant and deliberate effort to stay healthy and achieve the highest potential for well-being. Encompasses a total wellness concept of one's physical, mental, emotional and social well being. Students will examine major health issues of contemporary society, with emphasis on identifying risk factors. (This course is a NOT a PE activity course.)

PE 191 Contemporary Health and Wellness (5)
Emphasis is placed on the relationship between course content and lifestyle choices to foster a better understanding of health issues today. Current issues include, but are not limited to, physical fitness and nutrition; weight management; stress and emotional health; chemical use and abuse; issues in contemporary human sexuality; communicable and noncommunicable disease; health-smart consumerism; the contemporary healthcare system; aging and dying; and environmental health issues. (This course is a NOT a PE activity course.)

PE 200 Advanced Total Fitness (2)
An advanced approach to physical fitness for more effective living. Combination of lecture and lab stressing the importance of developing positive life-long fitness activities. Course will include evaluation, prescription, program implementation, and goal setting.
Prerequisite: PE-100 or instructor permission.

PE 201 Sport Specific Conditioning (2)
This course is designed to give advanced instruction for the physically active student. Consideration of sport specific and individual fitness goals will be given. Cardio conditioning; strength training; flexibility training, as well as the nutritional aspects of physical performance will be taught.

PE 208 Intermediate Weight Training (1)
This course is designed to develop cognitive knowledge pertaining to a higher level of strength training and applying this knowledge in a daily weight lifting program. Students will experience the benefits of weight lifting and will learn how to develop a weight training program designed to meet their personal weight training goals.
Prerequisite: PE-108 or instructor permission.

PE 222 Intermediate Bowling (1)
A course designed to allow the student to improrve his/her bowling skills. Emphasis on spot, pin, and line bowling. Delivery and form and playing a hookball will be emphasized.
Prerequisite: PE 122 or instructor permission.

PE 226 Intermediate Badminton/Pickleball (1)
Instruction dealing with the techniques of Badminton/Pickleball. This is an intermediate level class dealing with playing strategies, tournaments, and individual playing styles.
Prerequisite: PE 126.

PE 233 Advanced Basketball (1)
A course designed for the advanced basketball player who has competed at a high skill level. Special emphasis will be placed on advanced individual and team concepts.

~~PE 235 Advanced Soccer Techniques (1)~~
~~An advanced course in the fundamentals of soccer. Subjects covered will include physical fitness, basic skills, team play, laws of the game, and strategy.~~

PE 236 Intermediate Volleyball (2)
This course is designed to allow the student to improve upon his/her basic skills of playing volleyball. To be able to compete and enjoy the sport on a recreational level.
Prerequisite: PE 136 or instructor permission.

PE 237 Advanced Volleyball (1)
This course is designed to give students the opportunity to improve their volleball skills to an advanced level of play. Emphasis will be placed on skills and techniques used as a competitive as well as recreational level.
Prerequisite: PE 136.

PE 241 Baseball Techniques (1)
A course in the fundamentals of baseball. Course content includes conditioning, basic skills, strategies, team-play concepts and rules of the game.
Prerequisite: Experience in organized baseball- either high school or college.

PE 285 Coaching Theory (2)
Provides the novice and experienced coach with the basic teaching and coaching skills, techniques and strategies for coaching all sports and all ages. Includes lectures, group discussions, guest speakers, and actual performance of skills and techniques by individual class members. (This course is NOT a PE activity course.)

PE 292 Advanced First Aid (5)
The student will satisfy the requirements for advanced American Red Cross first aid and cardiopulmonary resuscitation certification (CPR). (This course is a NOT a PE activity course.)

PE 295 Teaching Elementary Physical Education and Health (3)
This course is designed to provide prospective K-6 educators with information, methods, and activities for teaching elementary physical education and health. Developmentally appropriate and quality physical education and health methods will be emphasized.

PE 299 Individual Study in Physical Education (1)
An independent learning activity, designed jointly by the student and the instructor to improve and/or increase the knowledge and skill of the learner.
Prerequisite: Instructor permission.

Physics

An advisor should be consulted to determine the appropriate level of physics course for your degree goal. Students intending to major in Physics at a baccalaureate institution should work toward an Associate of Science degree with a Physics Specialization.

PHYS& 114 General Physics I (6)
Algebra-based physics for liberal arts students and certain professions. Study of basic mechanics including position, velocity, acceleration, forces, momentum, and energy. Laboratory included.
Prerequisite: TMATH 100 with a minimum grade of C or MATH 095 with a minimum grade of C or higher (but not MATH 136). Recommended Preparation: MATH& 141 with a minimum grade of C.

PHYS& 115 General Physics II (6)
Algebra-based physics for liberal arts students and certain professions. Study of thermodynamics, oscillations, waves, capacitance, and electric forces/fields/potential/potential energy. Laboratory included.
Prerequisite: PHYS& 114 with a minimum grade of C and TMATH 100 with a minimum grade of C or MATH 095 with a minimum grade of C or higher (but not MATH 136). Recommended Preparation: MATH& 141 with a minimum grade of C.

PHYS& 116 General Physics III (6)
Algebra-based physics for liberal arts students and certain professions. Study of DC circuits, magnetism, geometrical optics, wave optics, and modern physics. Laboratory included.
Prerequisite: PHYS& 114 with a minimum grade of C and TMATH 100 with a minimum grade of C or MATH 095 with a minimum grade of C or higher (but not MATH 136). Recommended Preparation: MATH& 141 with a minimum grade of C.

PHYS& 221 Engineering Physics - Mechanics (6)
(Formerly PHYS 121) Calculus based physics for engineering or those majoring in certain sciences. Introduces problem solving techniques and applications to real world situations. Topics include motions and causes of motion; conservation of energy, momentum and angular momentum; gravitation, center of mass, and torque. Laboratory included.
Prerequisite: MATH& 151 with a minimum grade of C or equivalent.

PHYS& 222 Engineering Physics - Electricity and Magnetism (6)
(Formerly PHYS 122) Calculus based physics for engineering or those majoring in certain sciences. Introduces problem solving techniques and applications to real world situations. Topics include Coulomb's Law, Gauss' Laws, circuits and circuit theory, electrical devices, Ampere's Law, electric and magnetic flux, and induction. Laboratory included.
Prerequisite: PHYS& 221 with a minimum grade of C and MATH& 152 with a minimum grade of C or equivalent.

PHYS& 223 Engineering Physics - Waves, Optics, and Thermodynamics (6)
(Formerly PHYS 123) Calculus based physics for engineering or those majoring in certain sciences. Introduces problem solving techniques and applications to real world situations. Topics include oscillations, damping, waves, interference, refraction, reflection, optical systems, fluids, specific heat, temperature, ideal gasses, and states of matter. Laboratory included.
Prerequisite: PHYS& 221 with a minimum grade of C.

PHYS 299 Independent Study (1-5)
Independent observation, analysis, and reporting of a physics-related topic.
Prerequisite: Instructor permission.

Political Science

POLS& 101 Introduction to Political Science (5)
(Formerly POLSC 101) This course is intended to serve as a comparative introduction to the concepts, methods, and subject areas of the discipline of political science. Students will explore various forms of political beliefs, behaviors, institutions, and processes at the individual, group, national, and international levels. Strongly recommended for those students with no prior coursework in political science.
Prerequisite: ENGL/ 095 with a minimum grade of C or equivalent.

POLS& 202 American Government (5)
(Formerly POLSC 202) This course is intended to provide a basic understanding of the American political system. We will examine the structural foundations of American politics, including our constitutional framework, political culture, and political economy. We will then explore the various political institutions which serve as a link between citizens and government, including public opinion, the mass media, interest groups, social movements, political parties, and elections. Following this, we will turn our attention to the branches of the federal government, including Congress, the Presidency, the federal bureaucracy, and the Supreme Court.
Prerequisite: ENGL& 101 with a minimum grade of C or concurrent enrollment.

POLS& 201 Introduction to Political Theory (5)
This course provides a survey of the underlying philosophical ideas and ideologies in the subfield of political science known as political theory. Some of the topics to be considered include essentially contested concepts like democracy, freedom, community, rights, citizenship, and justice which provide the philosophical foundation for various competing political ideologies like classical and welfare liberalism, conservatism, and socialism as well as contemporary debates on issues such as political extremism, environmentalism, feminism, human rights, and multiculturalism.
Prerequisite: ENGL& 101 with a minimum grade of C or concurrent enrollment.

Political Science

POLS& 203 International Relations (5)
(Formerly POLSC 203) This course is intended to serve as an introduction to the concepts, methods, and subject areas of the field of international relations within the discipline of political science. Students will explore various forms of political beliefs, behaviors, institutions, and processes shaping the relationships between states and other non-governmental actors in the international system.
Prerequisite: ENGL& 101 with a minimum grade of C or concurrent enrollment.

POLS 231 Politics and Film (5)
(Formerly POLSC 231) This course will examine a variety of political and legal issues through their portrayal in contemporary cinema. Students will read relevant Political Science literature as a background for an analysis of the films viewed in the course. Rotating themes include: elections and the presidency, law and justice, science fiction, organized labor, and American foreign policy.
Prerequisite: ENGL& 101 with a minimum grade of C or concurrent enrollment.

POLS 240 Environmental Politics and Sustainability (5)
This class examines the study of politics and policies surrounding sustainability including definitions of sustainability; individual, local, state, national, and international solutions to environmental problems; economics; environmental justice; and business practices.
Prerequisite: ENGL& 101 with a minimum grade of C or concurrent enrollment.

POLS 298 Political Internship (1)
Variable credit (1-5). Students will participate in internships with either a political party, interest group, or an elected official and will meet periodically with the instructor to discuss assigned readings and a research paper based on the internship experience.
Prerequisite: Instructor permission.

Psychology

PSYC& 100 General Psychology (5)
(Formerly PSYCH 100) Introduction to psychology as an academic discipline, including research methods, the nervous system, heredity and development, social behavior, motivation, emotion, learning and memory, cognition, personality, and psychological disorders.
Prerequisite: ENGL/ 095 with a minimum grade of C or equivalent.

PSYC& 180 Human Sexuality (5)
(Formerly PSYCH 165) A scientific approach to the study of human sexuality and sexual behavior, including physiological and psychological components. Considers sexuality across the lifespan, sexual dysfunction, STDs and safer sex, sexual orientation, sexual response patterns, and the development of relationships.
Prerequisite: ENGL/ 095 with a minimum grade of C or equivalent.

PSYC& 200 Lifespan Psychology (5)
(Formerly PSYCH 206) An examination of the physical, social, emotional, and intellectual development of the human from conception to death. (multicultural content)
Prerequisite: PSYC& 100 with a minimum grade of C and ENGL& 101 with a minimum grade of C or concurrent enrollment.

PSYC 202 Biopsychology (5)
Biopsychology examines the biological basis of behavior, the nervous system, how it works to control behavior and sense the world, and what happens when it malfunctions. Topics include learning and memory, development, sex, drugs, sleep, the sense, emotions, and mental disorders. Course is intended for Psychology majors intending to transfer.
Prerequisite: PSYC& 100 and ENGL& 101 with a minimum grade of C or concurrent enrollment.
Recommended Preparation: BIOL& 175 or concurrent enrollment.

PSYC 205 Introduction to Personality (5)
(Formerly PSYCH 205) Introduction to development and dynamics of personality, the causes of individual differences, personality change and techniques of measuring aspects of personality will be studied.
Prerequisite: PSYC& 100 and ENGL& 101 with a minimum grade of C.

PSYC 209 Fundamentals of Psychological Research (5)
This course covers the key themes and concepts of psychological research and is a foundation course for students planning to take additional courses in psychology. Topics include hypothesis testing, experimental design, research strategies and techniques, fundamentals of scientific writing, search and evaluation of research literature in psychology, and ethical issues in psychological research. (writing intensive)
Prerequisite: PSYC& 100 with a minimum grade of C and ENGL& 101 with a minimum grade of C; and either MATH 136 with a minimum grade of C or MATH& 146 with a minimum grade of C.

PSYC& 220 Abnormal Psychology (5)
(Formerly PSYCH 204) A study of the development and symptoms of mental health disorders. Topics covered include schizophrenia, mood disorders, anxiety disorders, personality disorders, psychosomatic disorders, sexual deviation, organic disorders, and the process of adjustment to stress. Attention is given to biosocial, cognitive, and cultural factors and their role in mental health.
Prerequisite: PSYC& 100 with a minimum grade of C and ENGL& 101 with a minimum grade of C or concurrent enrollment.

PSYC 240 Social Psychology (5)
(Formerly SOC 240) An introduction to the study of the basic principles underlying the field of social psychology. Topics covered will include social beliefs and attitudes, prejudice, aggression, attraction and intimacy, conformity and persuasion.
Prerequisite: PSYC& 100 with a minimum grade of C and ENGL& 101 with a minimum grade of C or concurrent enrollment.

Sociology

SOC 222 Sociology of Sport (5)
Introduction to the sociological analysis of sport. There will be a particular emphasis on: race, class, gender, and sexuality issues within sport; socialization and interactions within sport; sport and education; deviance, crime, and violence in sport; the business and economics of sport. (multicultural course)
Prerequisite: ENGL& 101 with a minimum grade of C or concurrent enrollment.

SOC 238 Sociology of Latino Americans (5)
This course provides students with a critical overview of some of the central themes and issues that have shaped the experiences of Latino/a populations in the U.S. Topics this course will cover include: the history of the Hispanic and Latino ethnic labels; U.S.-Latin American relations; different issues faced by various ethnic communities; and the politics of language and bilingualism. Course materials will draw primarily from articles, books, and documentaries to discuss the ways in which Latin Americans influence U.S. society and culture. (multicultural course)
Prerequisite: ENGL& 101 with a minimum grade of C or concurrent enrollment.

SOC 255 Sociology of Military and Society (5)
This course examines the military as a social institution with emphasis on the United States. As an institution, the military intersects with other social institutions, such as labor and credit markets, education, and the family. We will investigate the internal organization, practices, and social history of the U.S. military and how it impacts outcomes for race, class, sex, citizen and education status, sexual orientation, and ability status. (Multicultural course)
Prerequisite: ENGL& 101 with a minimum grade of C or concurrent enrollment.

SOC 262 Race and Ethnic Relations (5)
Builds upon and expands the students' understanding of race and ethnic relations in American contemporary society. Focuses on how immigrant groups adapt to a new country, manifestations of racism and discrimination, as well as the economic and social progress of different ethnic groups. Explores how to alter patterns of racial and ethnic inequality through social movements and social policy. (multicultural course)
Prerequisite: ENGL& 101 with a minimum grade of C or concurrent enrollment.

SOC 265 Sociology of Asian Americans (5)
This course explores the socio-historical experiences of Asian American groups. We will investigate the history of Asian immigration to the United States, discriminatory and anti-Asian legislation, factors influencing social inequality amongst Asian American ethnic groups, current demographic trends, issues of race, class, gender, and family, and contemporary sociological issues of Asian Americans. (multicultural course)
Prerequisite: ENGL& 101 with a minimum grade of C or concurrent enrollment.

SOC 271 Introduction to the Sociology of Deviance and Social Control (5)
Analysis of deviant behavior from the perspective of sociological theory and research. Emphasis is on developing a sociological understanding and critical analysis of social theory relating to deviant, criminal, and violent behavior in various societies.
Prerequisite: ENGL& 101 with a minimum grade of C or concurrent enrollment.

SOC 299 Individual Study (1-5)
A variable credit (1-5) course based on independent study contracted between an instructor and a student. The emphasis will be a research related project which will provide an opportunity for students to pursue in-depth in an area previously or concurrently covered in a college-level course.
Prerequisite: SOC& 101 with a minimum grade of B+ and instructor permission.

Spanish

The basic tenets of communications including reading, writing, speaking, and listening are developed in a dynamic second language acquisition environment enhanced by technology. Grammar is used as a communication tool to express meaning as students take part in small group discussions, cultural investigation, and presentation. Authentic materials will be focused on in the class as well as assessment. Students should expect to be immersed in the language. English will be used at a minimum.

SPAN& 121 Spanish I (5)
(Formerly SPAN 101) The first year of the beginning Spanish language sequence consists of 121, 122, and 123. SPAN& 121 is the first quarter of the sequence. (multicultural content)
Prerequisite: ENGL/ 095 with a minimum grade of C or equivalent or instructor permission.

SPAN& 122 Spanish II (5)
(Formerly SPAN 102) SPAN& 122 is the second quarter of the first-year language sequence and continues to build on the skills acquired in SPAN& 121. (multicultural content)
Prerequisite: SPAN& 121 with a minimum grade of C or instructor permission.

SPAN& 123 Spanish III (5)
(Formerly SPAN 103) SPAN& 123 is the third quarter of the first-year language sequence and continues to build on the skills acquired in SPAN& 122. (multicultural content)
Prerequisite: SPAN& 122 with a minimum grade of C or instructor permission.