



# LAKE SUPERIOR STATE UNIVERSITY

## LSSU Course Schedule - Tentative Fall 2017

### SUBJ CRSE CRED TITLE

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#### ACCOUNTING

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| ACTG | 132 | 4.000 | Principles of Accounting I     |
| ACTG | 133 | 4.000 | Principles of Accounting II    |
| ACTG | 232 | 4.000 | Intermediate Accounting I      |
| ACTG | 332 | 4.000 | Cost Management I              |
| ACTG | 421 | 3.000 | Federal Taxation Accounting I  |
| ACTG | 427 | 4.000 | Auditing                       |
| ACTG | 432 | 4.000 | Adv Accounting: Consolidations |

#### ART

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| ARTS | 109 | 3.000 | Principles of Design and Color |
| ARTS | 110 | 3.000 | Fundamentals of Drawing        |
| ARTS | 111 | 3.000 | Intro to Painting Media & Tech |
| ARTS | 115 | 3.000 | Introduction to Ceramics       |
| ARTS | 250 | 4.000 | Art History & Appreciation I   |
| ARTS | 400 | 3.000 | Special Topics: Art Studio     |

#### BIOLOGY

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| BIOL | 105 | 4.000 | Function of the Human Body     |
| BIOL | 107 | 3.000 | Field Biology                  |
| BIOL | 121 | 4.000 | Human Anatomy & Physiology I   |
| BIOL | 126 | 2.000 | Interpret Maps/Aerial Photos   |
| BIOL | 131 | 4.000 | General Biology: Cells         |
| BIOL | 132 | 4.000 | General Biology: Organisms     |
| BIOL | 199 | 1.000 | Freshman Seminar               |
| BIOL | 202 | 3.000 | Field Botany                   |
| BIOL | 203 | 3.000 | Fund of Natural Resources      |
| BIOL | 204 | 4.000 | General Microbiology           |
| BIOL | 206 | 2.000 | Medical Laboratory Practices   |
| BIOL | 220 | 4.000 | Genetics                       |
| BIOL | 223 | 3.000 | Clinical Microbiology          |
| BIOL | 230 | 4.000 | Intro to Soil Science          |
| BIOL | 240 | 3.000 | Natural Hist of the Vertebrate |
| BIOL | 250 | 3.000 | Quantitative Biology           |
| BIOL | 280 | 3.000 | Biostatistics                  |
| BIOL | 299 | 1.000 | Sophomore Seminar              |
| BIOL | 300 | 4.000 | Sp Tp:St Abrd-Mar Bio-Belize   |
| BIOL | 310 | 3.000 | Ichthyology                    |

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| BIOL | 311 | 3.000 | Mammalogy                      |
| BIOL | 337 | 3.000 | General Ecology                |
| BIOL | 345 | 4.000 | Limnology                      |
| BIOL | 389 | 4.000 | Internship in Biol:Marine Tech |
| BIOL | 399 | 1.000 | Junior Seminar                 |
| BIOL | 432 | 3.000 | Fisheries Management           |
| BIOL | 433 | 3.000 | Histology                      |
| BIOL | 439 | 3.000 | Wildlife Management            |
| BIOL | 450 | 1.000 | Laboratory Apprenticeship      |
| BIOL | 490 | 3.000 | Independent Study: Marine Biol |
| BIOL | 490 | 3.000 | Ind Study: Plant Struc & Funct |
| BIOL | 490 | 3.000 | Ind Std:Protozoan/Helminth Inf |

### BUSINESS

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| BUSN | 121 | 3.000 | Introduction to Business       |
| BUSN | 211 | 3.000 | Business Statistics            |
| BUSN | 231 | 3.000 | Business Communications        |
| BUSN | 299 | 2.000 | Internship in:Sports Marketing |
| BUSN | 299 | 4.000 | Internship in: Management      |
| BUSN | 308 | 3.000 | Managing Cultural Differences  |
| BUSN | 350 | 3.000 | Business Law I                 |
| BUSN | 355 | 3.000 | Business Law II                |
| BUSN | 399 | 3.000 | Internship in: Accounting      |
| BUSN | 399 | 1.000 | Internship in: Marketing       |
| BUSN | 399 | 2.000 | Internship in: Marketing       |
| BUSN | 399 | 2.000 | Internship in: Marketing       |
| BUSN | 403 | 3.000 | Business, Government & Society |
| BUSN | 466 | 3.000 | Business Policy                |
| BUSN | 491 | 2.000 | Research Read/Bus & Econ       |

### CHEMISTRY

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| CHEM | 108 | 3.000 | Applied Chemistry              |
| CHEM | 110 | 4.000 | Applied Organic & Biochemistry |
| CHEM | 115 | 5.000 | General Chemistry I            |
| CHEM | 116 | 5.000 | General Chemistry II           |
| CHEM | 225 | 4.000 | Organic Chemistry I            |
| CHEM | 231 | 4.000 | Quantitative Analysis          |
| CHEM | 341 | 4.000 | Environmental Chemistry        |
| CHEM | 351 | 4.000 | Introductory Biochemistry      |
| CHEM | 361 | 4.000 | Physical Chemistry I           |
| CHEM | 363 | 1.000 | Phy Chem Lab:Kinetic/Reac Dy   |
| CHEM | 495 | 2.000 | Senior Project                 |
| CHEM | 499 | 1.000 | Senior Seminar                 |

### COMMUNICATIONS

|      |     |       |                           |
|------|-----|-------|---------------------------|
| COMM | 101 | 3.000 | Fund/Speech Communication |
| COMM | 280 | 3.000 | Understanding Mass Media  |

|          |       |                              |
|----------|-------|------------------------------|
| COMM 302 | 3.000 | Argumentation & Advocacy     |
| COMM 325 | 3.000 | Organizational Communication |
| COMM 399 | 3.000 | Internship in Communication  |

#### COMPUTER SCIENCE

|          |       |                                |
|----------|-------|--------------------------------|
| CSCI 103 | 3.000 | Survey of Computer Science     |
| CSCI 105 | 3.000 | Intro to Computer Programming  |
| CSCI 105 | 0.000 | Intro/Computer Programming Lab |
| CSCI 106 | 3.000 | Web Page Design & Development  |
| CSCI 106 | 0.000 | Web Page Design & Dev Lab      |
| CSCI 163 | 3.000 | Troubleshooting/Repair of PC's |
| CSCI 163 | 0.000 | Troubleshooting/Repair Lab     |
| CSCI 201 | 4.000 | Data Structures and Algorithms |
| CSCI 207 | 3.000 | Multimedia/Rich Int Web Sites  |
| CSCI 207 | 0.000 | Mult/Rich Int Web Sites Lab    |
| CSCI 211 | 3.000 | Database Applications          |
| CSCI 248 | 3.000 | Network Operating Systems I    |
| CSCI 248 | 0.000 | Network Operating System I Lab |
| CSCI 263 | 3.000 | Managing Computer Security     |
| CSCI 342 | 4.000 | Adv Programming Techniques     |
| CSCI 351 | 3.000 | Mobile Application Development |
| CSCI 412 | 3.000 | Unix Network Administration    |
| CSCI 412 | 0.000 | Unix Network Admin Lab         |
| CSCI 415 | 3.000 | Computer Org Architecture      |
| CSCI 418 | 3.000 | Senior Project I               |
| CSCI 418 | 0.000 | Senior Project I Lab           |

#### CRIMINAL JUSTICE

|          |       |                                |
|----------|-------|--------------------------------|
| CJUS 101 | 3.000 | Introduction Criminal Justice  |
| CJUS 103 | 3.000 | Int to Terrorism/Homeland Sec  |
| CJUS 110 | 3.000 | Introduction to Corrections    |
| CJUS 140 | 3.000 | Correctional Client Growth/Dev |
| CJUS 197 | 1.000 | Physical Fitness Public Safety |
| CJUS 201 | 1.000 | Firearms Training              |
| CJUS 204 | 3.000 | Domestic & Internatl Terrorism |
| CJUS 206 | 3.000 | Law Enf/Loss Contrl Internship |
| CJUS 212 | 3.000 | Loss Control                   |
| CJUS 240 | 3.000 | Community Based Corrections    |
| CJUS 243 | 3.000 | Investigation                  |
| CJUS 250 | 3.000 | Correctional Law               |
| CJUS 319 | 3.000 | Substantive Criminal Law       |
| CJUS 321 | 3.000 | Ethical Issues Public Safety   |
| CJUS 345 | 4.000 | Stats & Design/Public Safety   |
| CJUS 345 | 0.000 | Stats & Design/Public Safe Lab |
| CJUS 401 | 3.000 | Senior Seminar                 |
| CJUS 402 | 3.000 | Law Enforcement Internship     |
| CJUS 402 | 9.000 | Corrections Internship         |

|      |     |       |                            |
|------|-----|-------|----------------------------|
| CJUS | 444 | 4.000 | Criminalistics             |
| CJUS | 444 | 0.000 | Criminalistics Lab         |
| CJUS | 490 | 1.000 | Ind Study Criminal Justice |

#### DANCE

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| DANC | 101 | 1.000 | Ballet I                       |
| DANC | 125 | 1.000 | Modern Dance I                 |
| DANC | 201 | 1.000 | Ballet II                      |
| DANC | 205 | 3.000 | Creative Movemnt/Elem Educator |
| DANC | 205 | 0.000 | Creative Movemnt/Elem Educ Lab |
| DANC | 301 | 1.000 | Ballet III                     |

#### EARLY CHILDHOOD EDUCATION

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| CHLD | 101 | 4.000 | Intro to Early Childhood Ed    |
| CHLD | 210 | 4.000 | Infants and Toddlers           |
| CHLD | 241 | 4.000 | STEM Foundations Young Child   |
| CHLD | 242 | 4.000 | Creativity and Humanities      |
| CHLD | 260 | 4.000 | Practicum I                    |
| CHLD | 270 | 2.000 | Admin Early Childhood Programs |
| CHLD | 410 | 4.000 | Practicum II                   |
| CHLD | 495 | 4.000 | Senior Project Early Child Ed  |

#### ECONOMICS

|      |     |       |                             |
|------|-----|-------|-----------------------------|
| ECON | 201 | 3.000 | Principles Macroeconomics   |
| ECON | 202 | 3.000 | Principles Microeconomics   |
| ECON | 307 | 3.000 | Environmental Economics     |
| ECON | 309 | 3.000 | Intermediate Macroeconomics |

#### ELECTRICAL ENGINEERING

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| EGEE | 210 | 4.000 | Circuit Analysis               |
| EGEE | 210 | 0.000 | Circuit Analysis Lab           |
| EGEE | 210 | 0.000 | Circuit Analysis Recitation    |
| EGEE | 250 | 4.000 | Microcontroller Fundamentals   |
| EGEE | 250 | 0.000 | Microcontroller Fundament Lab  |
| EGEE | 280 | 4.000 | Introduction Signal Processing |
| EGEE | 280 | 0.000 | Intro Sign Process Recitation  |
| EGEE | 310 | 4.000 | Network Analysis               |
| EGEE | 320 | 4.000 | Digital Design                 |
| EGEE | 370 | 4.000 | Electronic Devices             |
| EGEE | 370 | 0.000 | Electronic Devices Lab         |
| EGEE | 370 | 0.000 | Electronic Devices Recitation  |

#### ELECTRIC ENGINEERING TECHNOLOGY

|      |     |       |                     |
|------|-----|-------|---------------------|
| EGET | 110 | 4.000 | Applied Electricity |
|------|-----|-------|---------------------|

#### EMERGENCY MEDICAL SERVICES

|      |     |       |                              |
|------|-----|-------|------------------------------|
| EMED | 190 | 4.000 | Prehsp Em Care/Crisis Intv I |
| EMED | 190 | 0.000 | Prehsp Em Care/Crisis Lab    |
| EMED | 211 | 2.000 | Emergency Pharmacology I     |
| EMED | 251 | 4.000 | Advanced Emergency Care I    |
| EMED | 261 | 2.000 | Emergency Cardiology I       |
| EMED | 284 | 3.000 | Advanced Skills/Situations I |
| EMED | 284 | 0.000 | Adv Skills/Situations I Lab  |
| EMED | 297 | 2.000 | Paramedic Clinical I         |

#### ENGINEERING MECHANICS

|      |     |       |                                 |
|------|-----|-------|---------------------------------|
| EGEM | 220 | 3.000 | Statics                         |
| EGEM | 220 | 0.000 | Statics Recitation              |
| EGME | 310 | 2.000 | Vehical Development and Testing |
| EGEM | 320 | 3.000 | Dynamics                        |

#### ENGLISH

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| ENGL | 91  | 3.000 | Prep College Writing           |
| ENGL | 110 | 3.000 | First-Year Composition I       |
| ENGL | 110 | 3.000 | Honors First-Year Comp I       |
| ENGL | 111 | 3.000 | First-Year Composition II      |
| ENGL | 180 | 3.000 | Intro to Literary Studies      |
| ENGL | 221 | 3.000 | Intro to Creative Writing      |
| ENGL | 222 | 3.000 | Eng Grammar & Lang in Context  |
| ENGL | 231 | 3.000 | American Literature I          |
| ENGL | 301 | 3.000 | Creative Prose Writing         |
| ENGL | 306 | 3.000 | Technical Writing              |
| ENGL | 380 | 3.000 | History of Literary Criticism  |
| ENGL | 398 | 3.000 | Community Workshop Internship  |
| ENGL | 399 | 2.000 | Publishing Internship          |
| ENGL | 408 | 3.000 | Literature After 1800: Post Ap |
| ENGL | 480 | 3.000 | Creative Writing Portfolio I   |
| ENGL | 482 | 3.000 | Creative Writing Portfolio II  |
| ENGL | 490 | 2.000 | Senior Thesis I                |

#### ENVIROMENTAL SCIENCE

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| EVRN | 131 | 3.000 | Introduction to GIS and GPS    |
| EVRN | 131 | 0.000 | Intro to GIS and GPS Lab       |
| EVRN | 231 | 2.000 | Intermediate GIS               |
| EVRN | 231 | 0.000 | Intermediate GIS Lab           |
| EVRN | 290 | 3.000 | Ind St: Environmental Science  |
| EVRN | 311 | 3.000 | Environmental Law              |
| EVRN | 325 | 3.000 | Geospatial Analysis            |
| EVRN | 325 | 0.000 | Geospatial Analysis Lab        |
| EVRN | 341 | 4.000 | Environmental Chemistry        |
| EVRN | 341 | 0.000 | Environmental Chemistry Lab    |
| EVRN | 399 | 4.000 | Intrnshp Environmental Science |

|      |     |       |                |
|------|-----|-------|----------------|
| EVRN | 495 | 2.000 | Senior Project |
| EVRN | 499 | 1.000 | Senior Seminar |

#### EXERCISE SCIENCE

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| EXER | 105 | 3.000 | Program Dev & Leadership       |
| EXER | 140 | 3.000 | Health and Fitness             |
| EXER | 141 | 3.000 | Introduction to Movement       |
| EXER | 230 | 3.000 | Ath Injury Illness Prevention  |
| EXER | 232 | 3.000 | Ath Injury Illness Rec & Eval  |
| EXER | 234 | 1.000 | Preventative Taping Techniques |
| EXER | 248 | 3.000 | Psy Sport Performance/Coaching |
| EXER | 262 | 3.000 | Exercise Physiology I          |
| EXER | 265 | 3.000 | Essentials Strength Train/Cond |
| EXER | 268 | 2.000 | Fitness Eval I - Field Tests   |
| EXER | 268 | 0.000 | Fitness Eval I-Field Tests Lab |
| EXER | 275 | 2.000 | Nutrition Sport Exercise Perf  |
| EXER | 295 | 2.000 | Practicum                      |
| EXER | 301 | 2.000 | Ath Training Clinical Exp I    |
| EXER | 346 | 3.000 | Therapeutic Exercise Ath Trn   |
| EXER | 346 | 0.000 | Therapeutic Exer Ath Trn Lab   |
| EXER | 348 | 3.000 | Fitness Eval II Lab Procedures |
| EXER | 348 | 0.000 | Fitness Eval II Lab Proced Lab |
| EXER | 358 | 3.000 | Res Methods Exercise Science   |
| EXER | 390 | 1.000 | Rec Leader Apprenticeship      |
| EXER | 401 | 2.000 | Ath Training Clinical Exp III  |
| EXER | 440 | 2.000 | Exercise Physiology Seminar    |
| EXER | 444 | 2.000 | Exercise Prescription          |
| EXER | 452 | 3.000 | Allied Health Administration   |
| EXER | 481 | 1.000 | Prof Development Seminar       |
| EXER | 492 | 6.000 | Internship                     |
| EXER | 496 | 1.000 | Selected Research Topics       |

#### FINANCE

|      |     |       |                    |
|------|-----|-------|--------------------|
| FINC | 242 | 3.000 | Personal Finance   |
| FINC | 341 | 4.000 | Managerial Finance |

#### FINE ARTS

|      |     |       |                     |
|------|-----|-------|---------------------|
| FINE | 405 | 3.000 | Independent Project |
|------|-----|-------|---------------------|

#### FIRE SCIENCE

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| FIRE | 101 | 3.000 | Introduction to Fire Science   |
| FIRE | 197 | 1.000 | Physical Fitness Public Safety |
| FIRE | 204 | 3.000 | Fire Protectn Hydraulics/Pumps |
| FIRE | 206 | 3.000 | Fire Protect Sys/Equip/Ind Pro |
| FIRE | 219 | 3.000 | Firefighter Essentials         |
| FIRE | 301 | 3.000 | Code Enforce Inspect/Fire Prev |
| FIRE | 312 | 4.000 | Hazardous Materials Management |

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| FIRE | 312 | 0.000 | Hazardous Materials Manage Lab |
| FIRE | 401 | 3.000 | Senior Seminar                 |
| FIRE | 402 | 3.000 | Fire Service and the Law       |
| FIRE | 403 | 9.000 | Fire Science Internship        |
| FIRE | 490 | 3.000 | Ind Study: Public Safety       |

#### FRENCH

|      |     |       |                     |
|------|-----|-------|---------------------|
| FREN | 151 | 4.000 | First Year French I |
|------|-----|-------|---------------------|

#### GENERAL ENGINEERING

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| EGNR | 101 | 2.000 | Introduction to Engineering    |
| EGNR | 101 | 0.000 | Introduction to Eng Lab        |
| EGNR | 103 | 1.000 | Engineering Orientation        |
| EGNR | 103 | 0.000 | Engineering Orientation Lab    |
| EGNR | 140 | 2.000 | Linear Alg Num Meth Engineers  |
| EGNR | 140 | 0.000 | Linear Alg Num Meth Eng Lab    |
| EGNR | 250 | 2.000 | Cooperative Education          |
| EGNR | 261 | 3.000 | Energy Systems/Sustainability  |
| EGNR | 265 | 3.000 | "C" Programming                |
| EGNR | 265 | 0.000 | "C" Programming Recitation     |
| EGNR | 340 | 1.000 | Adv Numerical Meth Engineers   |
| EGNR | 346 | 1.000 | Probability/Stats Lab Engineer |
| EGNR | 361 | 1.000 | Energy Sys Sustainability Lab  |
| EGNR | 450 | 4.000 | Cooperative Educ Project I     |
| EGNR | 451 | 3.000 | Cooperative Educ Project II    |
| EGNR | 491 | 3.000 | Engineering Design Project I   |
| EGNR | 491 | 0.000 | Engineering Dsn Project I Lab  |

#### GEOGRAPHY

|      |     |       |                          |
|------|-----|-------|--------------------------|
| GEOG | 201 | 4.000 | World Regional Geography |
| GEOG | 302 | 4.000 | Economic Geography       |

#### GEOLOGY

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| GEOL | 121 | 4.000 | Physical/Historical Geology I  |
| GEOL | 121 | 0.000 | Physical/Historical Geol I Lab |
| GEOL | 218 | 5.000 | Structural Geology Tectonics   |
| GEOL | 218 | 0.000 | Structural Geology Tecton Lab  |
| GEOL | 315 | 5.000 | Geoenvironmental Systems       |
| GEOL | 315 | 0.000 | Geoenvironmental Systems Lab   |
| GEOL | 325 | 4.000 | Clastic Systems                |
| GEOL | 325 | 0.000 | Clastic Systems Lab            |
| GEOL | 490 | 1.000 | Research Topics in Geology     |

#### HEALTH

|      |     |       |                               |
|------|-----|-------|-------------------------------|
| HLTH | 101 | 2.000 | Intro to Medical Terminology  |
| HLTH | 208 | 3.000 | Principles of Human Nutrition |
| HLTH | 209 | 3.000 | Pharmacology                  |

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| HLTH | 232 | 3.000 | Pathophysiology                |
| HLTH | 235 | 2.000 | Healthcare Informatics         |
| HLTH | 328 | 3.000 | Multicultural Appr Health Care |
| HLTH | 329 | 2.000 | Women's Health Issues          |
| HLTH | 330 | 2.000 | Applied Nutrition              |
| HLTH | 490 | 2.000 | Independent Study in Health    |

#### HISTORY

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| HIST | 101 | 4.000 | History World Civilization I   |
| HIST | 131 | 4.000 | United States History I        |
| HIST | 333 | 4.000 | American Military History      |
| HIST | 490 | 3.000 | Individual Historical Research |
| HIST | 496 | 2.000 | Historical Methods             |

#### HONORS PROGRAM

|      |     |       |                            |
|------|-----|-------|----------------------------|
| HONR | 101 | 1.000 | Honors First-Year Seminar  |
| HONR | 202 | 3.000 | Honors Contemporary Issues |
| HONR | 401 | 4.000 | Honors Thesis              |

#### HUMANITIES

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| HUMN | 251 | 4.000 | Humanities I                   |
| HUMN | 252 | 4.000 | Humanities II                  |
| HUMN | 490 | 1.000 | Directed Studies in Humanities |

#### INTERNATIONAL BUSINESS

|      |     |       |                            |
|------|-----|-------|----------------------------|
| INTB | 375 | 3.000 | International Business Law |
|------|-----|-------|----------------------------|

#### JOURNALISM

|      |     |       |                 |
|------|-----|-------|-----------------|
| JOUR | 220 | 3.000 | Photojournalism |
|------|-----|-------|-----------------|

#### LEGAL STUDIES

|      |     |       |                              |
|------|-----|-------|------------------------------|
| LAWS | 102 | 3.000 | Legal Research/Case Analysis |
|------|-----|-------|------------------------------|

#### MANAGEMENT

|      |     |       |                               |
|------|-----|-------|-------------------------------|
| MGMT | 280 | 3.000 | Intro Management Info Systems |
| MGMT | 360 | 3.000 | Management Concepts & Apps    |
| MGMT | 365 | 3.000 | Human Resource Management     |
| MGMT | 371 | 3.000 | Operations/Business Analytics |
| MGMT | 451 | 4.000 | Labor Law                     |
| MGMT | 464 | 3.000 | Organizational Behavior       |
| MGMT | 476 | 4.000 | Employee Training/Development |

#### MANUFACTURING ENGINEERING TECHNOLOGY

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| EGMT | 142 | 2.000 | Overview Solid Model Technique |
| EGMT | 142 | 0.000 | Overview Solid Model Tech Lab  |
| EGMT | 225 | 4.000 | Statics, Strength of Materials |



### MARKETING

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| MRKT | 281 | 3.000 | Marketing Principles/ Strategy |
| MRKT | 283 | 3.000 | Principles of Selling          |
| MRKT | 381 | 3.000 | Consumer Behaviors             |
| MRKT | 383 | 3.000 | E-Marketing                    |
| MRKT | 480 | 3.000 | Marketing Research             |

### MATHEMATICS

|      |     |       |                                 |
|------|-----|-------|---------------------------------|
| MATH | 87  | 3.000 | Pre-Algebra                     |
| MATH | 87  | 0.000 | Pre-Algebra SLA                 |
| MATH | 88  | 3.000 | Beginning Algebra               |
| MATH | 88  | 0.000 | Beginning Algebra SLA           |
| MATH | 102 | 4.000 | Intermediate Algebra            |
| MATH | 102 | 0.000 | Intermediate Algebra SLA        |
| MATH | 103 | 4.000 | Number Sys/Prob Solv Elem Teac  |
| MATH | 103 | 0.000 | Num Sys/Prob Solv Elem Teac Lab |
| MATH | 110 | 3.000 | Explorations in Mathematics     |
| MATH | 111 | 3.000 | College Algebra                 |
| MATH | 112 | 4.000 | Calculus Business/Life Science  |
| MATH | 131 | 3.000 | College Trigonometry            |
| MATH | 151 | 4.000 | Calculus I                      |
| MATH | 152 | 4.000 | Calculus II                     |
| MATH | 207 | 3.000 | Prin of Statistical Methods     |
| MATH | 215 | 3.000 | Fund Concepts of Mathematics    |
| MATH | 251 | 4.000 | Calculus III                    |
| MATH | 305 | 3.000 | Linear Algebra                  |
| MATH | 308 | 3.000 | Probability and Math Stats      |
| MATH | 310 | 3.000 | Differential Equations          |

### MECHANICAL ENGINEERING

|      |     |       |                             |
|------|-----|-------|-----------------------------|
| EGME | 110 | 3.000 | Manufacturing Processes     |
| EGME | 110 | 0.000 | Manufacturing Processes Lab |
| EGME | 141 | 3.000 | Solid Modeling              |
| EGME | 141 | 0.000 | Solid Modeling Lab          |
| EGME | 350 | 4.000 | Machine Design              |
| EGME | 350 | 0.000 | Machine Design Lab          |
| EGME | 431 | 3.000 | Heat Transfer               |
| EGME | 431 | 0.000 | Heat Transfer Recitation    |
| EGME | 432 | 1.000 | Thermal and Fluids Lab      |

### MUSIC

|      |     |       |                              |
|------|-----|-------|------------------------------|
| MUSC | 112 | 1.000 | Band                         |
| MUSC | 140 | 1.000 | Choir                        |
| MUSC | 170 | 1.000 | Class Piano I                |
| MUSC | 180 | 1.000 | Class Guitar I               |
| MUSC | 220 | 4.000 | History Appreciation Music I |

### NURSING

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| NSCI | 102 | 4.000 | Introduction to Geology        |
| NSCI | 102 | 0.000 | Introduction to Geology Lab    |
| NSCI | 103 | 3.000 | Environmental Science          |
| NSCI | 104 | 1.000 | Environmental Science Lab      |
| NSCI | 110 | 4.000 | Investigation Chem & Forensics |
| NSCI | 110 | 0.000 | Investigatn Chem/Forensic Lab  |

### NURSING

|      |     |       |                                 |
|------|-----|-------|---------------------------------|
| NURS | 211 | 3.000 | Intro to Professional Nursing   |
| NURS | 212 | 4.000 | Health Appraisal                |
| NURS | 212 | 0.000 | Health Appraisal Lab            |
| NURS | 213 | 6.000 | Fundamentals of Nursing         |
| NURS | 213 | 0.000 | Fund of Nurs: Clinical Lab      |
| NURS | 213 | 0.000 | Fund of Nurs: Campus Lab        |
| NURS | 325 | 5.000 | Nursing Childbearing Families   |
| NURS | 325 | 0.000 | Nur Childbear Fam: Clinical Lab |
| NURS | 325 | 0.000 | Nur Childbear Fam: Campus Lab   |
| NURS | 326 | 5.000 | Nursing of Children & Families  |
| NURS | 326 | 0.000 | Nursing Child/Fam: Clinical Lab |
| NURS | 326 | 0.000 | Nursing Child/Fam: Campus Lab   |
| NURS | 327 | 8.000 | Adult Nursing I                 |
| NURS | 327 | 0.000 | Adult Nursing I: Clinical Lab   |
| NURS | 327 | 0.000 | Adult Nursing I: Campus Lab     |
| NURS | 363 | 3.000 | Comprehensive Health Appraisal  |
| NURS | 431 | 8.000 | Adult Nursing II                |
| NURS | 431 | 0.000 | Adult Nursing II: Clinical Lab  |
| NURS | 431 | 0.000 | Adult Nursing II: Campus Lab    |
| NURS | 432 | 5.000 | Nursing of Populations          |
| NURS | 432 | 0.000 | Nursing of Pop: Clinical Lab    |
| NURS | 432 | 0.000 | Nursing of Pop: Campus Lab      |
| NURS | 433 | 5.000 | Community Mental Hlth Nursing   |
| NURS | 433 | 0.000 | Com Mtl Hlth Nurs: Clinical Lab |
| NURS | 433 | 0.000 | Com Mtl Hlth Nurs: Campus Lab   |
| NURS | 434 | 3.000 | Nursing Research                |
| NURS | 435 | 4.000 | Management in Nursing           |
| NURS | 436 | 2.000 | Contemporary Issues in Nursing  |
| NURS | 490 | 1.000 | Independent Study in Nursing    |

### PHILOSOPHY

|      |     |       |                            |
|------|-----|-------|----------------------------|
| PHIL | 204 | 3.000 | Introduction to Philosophy |
| PHIL | 205 | 3.000 | Logic                      |
| PHIL | 302 | 3.000 | Ancient Western Philosophy |

### PHYSICS

|      |     |       |                             |
|------|-----|-------|-----------------------------|
| PHYS | 221 | 4.000 | Principles of Physics I     |
| PHYS | 221 | 0.000 | Principles of Physics I Lab |

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| PHYS | 231 | 4.000 | Appl Phys Engineer/Scientist I |
| PHYS | 231 | 0.000 | Appl Phys Eng/Scientist I Lab  |

#### POLITICAL SCIENCE

|      |     |       |                               |
|------|-----|-------|-------------------------------|
| POLI | 110 | 4.000 | Intro American Govt/Politics  |
| POLI | 120 | 3.000 | Introduction Legal Processes  |
| POLI | 130 | 4.000 | Intro State/Local Government  |
| POLI | 160 | 3.000 | Intro Canadian Govt Politics  |
| POLI | 222 | 3.000 | Intro to the Legal Profession |
| POLI | 241 | 4.000 | Intro International Relations |
| POLI | 491 | 4.000 | Senior Seminar I              |
| POLI | 499 | 9.000 | Pol Sci/Pub Admin Internship  |

#### PRACTICAL NURSING

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| PNUR | 102 | 3.000 | Drugs and Dosages              |
| PNUR | 102 | 0.000 | Drugs and Dosages Lab          |
| PNUR | 104 | 2.000 | Intro to Practical Nursing II  |
| PNUR | 113 | 7.000 | Fundamentals Practical Nursing |
| PNUR | 113 | 0.000 | Fund Pract Nurs:Clinical Lab   |
| PNUR | 113 | 0.000 | Fund Pract Nurs:Campus Lab     |

#### PSYCHOLOGY

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| PSYC | 101 | 4.000 | Introduction to Psychology     |
| PSYC | 155 | 3.000 | Lifespan Development           |
| PSYC | 201 | 3.000 | Comm Skills in Counseling      |
| PSYC | 201 | 0.000 | Comm Skills in Counseling Lab  |
| PSYC | 210 | 3.000 | Statistics                     |
| PSYC | 217 | 3.000 | Social Psychology              |
| PSYC | 259 | 3.000 | Abnormal Psychology            |
| PSYC | 291 | 3.000 | Group Counseling               |
| PSYC | 311 | 3.000 | Learning and Motivation        |
| PSYC | 357 | 3.000 | Personality Theory             |
| PSYC | 385 | 3.000 | Health Psychology              |
| PSYC | 456 | 3.000 | History and Systems Psychology |
| PSYC | 457 | 3.000 | Cognition                      |
| PSYC | 498 | 3.000 | Senior Research I              |

#### READING

|      |    |       |                               |
|------|----|-------|-------------------------------|
| READ | 91 | 3.000 | Preparation - College Reading |
|------|----|-------|-------------------------------|

#### RECREATIONAL STUDIES

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| RECS | 101 | 3.000 | Int Recreation/Leisure Service |
| RECS | 105 | 3.000 | Program Dev & Leadership       |
| RECS | 262 | 3.000 | Outdoor Recreation             |
| RECS | 270 | 3.000 | Sports Management              |
| RECS | 295 | 2.000 | Practicum                      |
| RECS | 362 | 3.000 | Land Mgmt Recreation Purposes  |

|      |     |       |                               |
|------|-----|-------|-------------------------------|
| RECS | 390 | 1.000 | Rec Leader Apprenticeship     |
| RECS | 397 | 1.000 | Rec Studies Jr Research Sem   |
| RECS | 437 | 1.000 | Rec Studies Sr Res Seminar    |
| RECS | 481 | 1.000 | Professional Development Sem  |
| RECS | 482 | 4.000 | Admin of Rec/Leisure Services |
| RECS | 492 | 6.000 | Internship                    |
| RECS | 496 | 3.000 | Selected Research Topics      |

#### RECREATIONAL ACTIVITIES

|      |     |       |                               |
|------|-----|-------|-------------------------------|
| RECA | 100 | 1.000 | Special Topics:Kickboxing     |
| RECA | 100 | 1.000 | Special Topics: Tai Chi       |
| RECA | 103 | 1.000 | Badminton and Racquetball     |
| RECA | 106 | 1.000 | Backpacking                   |
| RECA | 107 | 1.000 | Canoe Techniques              |
| RECA | 109 | 1.000 | Rock Climbing and Rappelling  |
| RECA | 110 | 1.000 | Golf                          |
| RECA | 114 | 1.000 | Self Defense                  |
| RECA | 125 | 1.000 | Tennis                        |
| RECA | 130 | 1.000 | Intercollegiate Sports Skills |
| RECA | 151 | 1.000 | Jogging, Walking for Fitness  |
| RECA | 153 | 1.000 | Weight Training               |
| RECA | 154 | 1.000 | Yoga                          |
| RECA | 174 | 1.000 | Aerobic Dance                 |
| RECA | 180 | 1.000 | Beginning Skating             |
| RECA | 190 | 1.000 | Aquatic Fitness               |

#### ROBOTICS AND CONTROL SYSTEMS

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| EGRS | 380 | 2.000 | Robotics Technology            |
| EGRS | 381 | 1.000 | Robotics Technology Lab        |
| EGRS | 430 | 4.000 | Sys Integration/Machine Vision |
| EGRS | 430 | 0.000 | Sys Integration/Machine Vi Lab |
| EGRS | 460 | 4.000 | Control Systems                |
| EGRS | 460 | 0.000 | Control Systems Lab            |
| EGRS | 480 | 3.000 | Manufacturing Automation       |
| EGRS | 481 | 1.000 | Manufacturing Automation Lab   |

#### SOCIAL WORK

|      |     |       |                             |
|------|-----|-------|-----------------------------|
| SOWK | 110 | 3.000 | Introduction to Social Work |
| SOWK | 204 | 3.000 | Fundamentals of Drug Abuse  |
| SOWK | 250 | 9.000 | Social Work Practicum       |
| SOWK | 480 | 3.000 | Grantwriting                |

#### SOCIOLOGY

|      |     |       |                           |
|------|-----|-------|---------------------------|
| SOCY | 101 | 4.000 | Introduction to Sociology |
| SOCY | 103 | 3.000 | Cultural Diversity        |
| SOCY | 238 | 4.000 | Social Psychology         |
| SOCY | 238 | 0.000 | Social Psychology Lab     |

|      |     |       |                               |
|------|-----|-------|-------------------------------|
| SOCY | 310 | 3.000 | Dev of Sociological Theory    |
| SOCY | 314 | 3.000 | Social Change                 |
| SOCY | 401 | 1.000 | Sociology Seminar I           |
| SOCY | 490 | 3.000 | Ind Research Topics Sociology |
| SOCY | 495 | 2.000 | Senior Project I              |

#### SPANISH

|      |     |       |                               |
|------|-----|-------|-------------------------------|
| SPAN | 161 | 4.000 | First Year Spanish I          |
| SPAN | 161 | 0.000 | First Year Spanish I Lab      |
| SPAN | 490 | 3.000 | Topics in Hispanic Literature |

#### SPECIAL EDUCATION

|      |     |       |                            |
|------|-----|-------|----------------------------|
| EDSE | 301 | 3.000 | Intro to Special Education |
| EDSE | 403 | 3.000 | Assessment and Diagnosis   |

#### STUDENT SERVICES

|      |     |       |                             |
|------|-----|-------|-----------------------------|
| SERV | 125 | 1.000 | Career Plan/Decision Making |
| SERV | 125 | 0.000 | Career Plan/Dec Making Lab  |

#### TEACHER EDUCATION

|      |     |        |                                |
|------|-----|--------|--------------------------------|
| EDUC | 100 | 1.000  | SpTp: First Year Seminar: Educ |
| EDUC | 250 | 4.000  | Student Diversity and Schools  |
| EDUC | 330 | 3.000  | Reading Elementary Classroom   |
| EDUC | 350 | 3.000  | Int Tech 21st Century Lrn Env  |
| EDUC | 350 | 0.000  | Int Tech 21st Cent Lrn Env Lab |
| EDUC | 411 | 2.000  | Elem Lang Arts/Literacy Skills |
| EDUC | 422 | 2.000  | Soc Studies Meth Elem Teachers |
| EDUC | 424 | 2.000  | Hlth/Phy Ed Meth Cl Room Teach |
| EDUC | 480 | 2.000  | Directed Teaching Seminar      |
| EDUC | 490 | 1.000  | Spec Topics: Curriculum Dev.   |
| EDUC | 490 | 3.000  | Spec. Topic: Emergent Literacy |
| EDUC | 492 | 10.000 | Directed Teaching              |
| EDUC | 920 | 2.000  | Special Topics: Adv Class Mgmt |

#### THEATRE

|      |     |       |                              |
|------|-----|-------|------------------------------|
| THEA | 101 | 3.000 | Acting I                     |
| THEA | 161 | 1.000 | Theatre Practicum            |
| THEA | 333 | 3.000 | St Drama: Female Playwrights |

#### UNIVERSITY SEMINAR

|      |     |       |                                |
|------|-----|-------|--------------------------------|
| USEM | 101 | 1.000 | Univ Sem I: Foundation Success |
| USEM | 102 | 1.000 | Univ Sem II: Dev Crit Thinking |
| USEM | 103 | 1.000 | Univ Sem III: Think About Disc |
| USEM | 104 | 1.000 | Univ Sem IV: Prof Seminar      |