

Engineering Technology - Technology Integration Concentration

School of Engineering Technology / Purdue Polytechnic Institute

SoET-ENGT-BS/ENGT 120 Credits for graduation (201910) Fall 2018

Departme	ental/Program Major Courses (46 credits)		
(3)	CGT 11000 Technical Graphic Communications OR CGT	11600 Geometric Modeling for \	/isualization & Communication
(3)	Computer-Aided Design Selective		
(3)	ECET Selective		
(3)	ECET Selective		
(3)	ENGT 18000 Engineering Technology Foundations		
(1)	ENGT 18100 Engineering Technology Foundations Labo	ratory	
(3)	MET 11100 Applied Statics		
(3)	MET 14300 Materials & Processes I OR MET 14400 Ma	terials & Processes II	
(3)	MET 24500 Manufacturing Systems		
(3)	Programming Selective		
(3)	Global/Professional Selective		
(3)	Senior Capstone Project Selective		
(3)	TLI 11100 Introduction to Manufacturing & Supply Chai	n Systems	
(3)	TLI 11200 Foundation of Organizational Leadership		
(3)	TLI 31600 Statistical Quality Control or IT 342000 Statist	tical Quality	
(3)	TLI 33400 Economic Analysis for Tech Systems or IT 450		
	NTRATION: Technology Integration (31 credits)	,	
(4)	Lab Science Foundation Selective (satisfies Science for co	ore)	
(3)	Humanities/Liberal Arts Elective	·	
	cal Selectives 24 cr. hrs. (15 cr. hrs. must be 300/400	n level)	
(3)			(3)
$\overline{}$ (3)	(3)	(3)	(3)
Other Dep	partmental /Program Course Requirements (37 cre	-	
(3)	MA 15800 – Precalculus – Functions and Trigonometry (satisfies Quantitative Reasoning	for core)
(3)	MA 16010 - Applied Calculus I		
(4)	PHYS 21800 General Physics (*PHYS-P 201 OR 221) Gen	ieral Physics <i>(satisfies Science foi</i>	r core))
(3)	TECH 12000 Design Thinking in Technology (satisfies Scien	nce, Technology & Society Selective o	and Information Literacy for core)
(3)	Technical/Management Selective		
(3)	Senior Capstone Selective		
(3)	ECON 21000 (*ECON-E 103 or ECON-E 104) (satisfies Hu	man Culture Behavioral/Social S	cience for core)
(3)	Humanities Foundation Selective (satisfies Human Cultu		,
(3)	COM 11400 (*SPCH-S 121 – Public Speaking) - Fundame	-	(satisfies Oral Communication for core)
(3)	Written Communication Foundation Selective (*ENG-W		
(3)	Advanced Oral Communication Selective	. , (, ,
(3)	ENGL 42100 Technical Writing		
(0)	Intercultural Requirement		
(0)	Professional Requirement		
	tives (6 cr. hrs.)		
(3)	(3)		
University	Core Requirements		
-	Behavioral/Social Sciences	Science	
Human Cultures: F		Science	
Information Litera		Science, Technology & Society	☐ TECH 12000
Oral Communicati		Written Communication	
Quantitative Reas	soning		
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	The student is ultimately responsible for knowing a	and completing all degree requi	rements.
	myPurduePlan is knowledge source for speci		



Name: Major: Engineering Technology (ET)

Concentration: Technology Integration **ET-BS Suggested Arrangement of Courses**

Catalog Term: _ __ PUID: _

For Catalog Term beginning in fall 2018

Maior Code: ENGT Program Code: SoET-ET-BS

Major Code: ENGT Program Code: SOET-ET-						30L1-L1-D3			
Fall 1 st Year	CR	GR	Sem	Fulfilled by	Spring 1 st Year	CR	GR	Sem	Fulfilled by
Written Communication Foundation	3				Programming Selective	3			
Selective* – ENG-W 131 (IUSB)									
ENGT 18000 – Engineering Technology	3				MA 16010 Applied Calculus I	3			
Foundations					(Prereq: MA 15800 with grade of C- or better or ALEKS score 75)				
ENGT 18100 – Engineering Technology	1				Humanities Foundation Selective*	3			
Applications									
MA 15800* - Precalculus – Functions &	3				PHYS 21800 General Physics*	5			
Trigonometry (Prereq ALEKS score 60)					PHYS-P 221 or 201 (IUSB)				
MET 14300 – Materials & Processes I OR	3				COM 11400 Fundamental of Speech	3			
MET 14400 Materials & Processes II					Communication* - SPCH-S 121 (IUSB)				
TECH 12000 Design Thinking in Tech.*	3								
TOTAL CREDIT HOURS	16				TOTAL CREDIT HOURS	17			

Fall 2 nd Year	CR	GR	Sem	Fulfilled by	Spring 2 nd Year		GR	Sem	Fulfilled by
CGT 11000 – Technical Graphic Communications OR CGT 11600	3				MET 11100 Applied Statics (Preregs: MA 15800 and MET 16200)	3			
ECET Selective	3				ECET Selective	3			
Humanities/Liberal Arts	3				Computer-Aided Design Selective	3			
Technical Selective	3				Lab Science Foundation Selective*	5			
TLI 11100 Introduction to Manufacturing & Supply Chain	3				TLI 11200 Foundation of Organizational Leadership	3			
TOTAL CREDIT HOURS	15				TOTAL CREDIT HOURS	17			

Fall 3 rd Year	CR	GR	Sem	Fulfilled by	Spring 3 rd Year	CR	GR	Sem	Fulfilled by
MET 24500 – Manufacturing Systems	3				Technical Selective	3			
ENGL 42100 Technical Writing (Prereq: ENGL 10600 or ENG-W 131 (IUSB))	3				Technical Selective	3			
Technical/Management Selective					Global/Professional Selective	3			
TLI 31600 Statistical Quality Control or IT 34200 Intro to Statistical Quality (Prereq: MA 15800)					ECON 21000 – Principles of Econ - ECON-E 103 Intro to Microeconomics (IUSB) or ECON-E 104 Intro to Macroeconomics (IUSB)	3			
Advanced Oral Communication Selective 3 Technical Selective (30000- 40000 level)		3							
TOTAL CREDIT HOURS	15				TOTAL CREDIT HOURS	15			

Fall 4 th Year	CR	GR	Sem	Fulfilled by	Spring 4 th Year		GR	Sem	Fulfilled by
Senior Capstone Project Selective I	3				Senior Capstone Project Selective II	3			
TLI 33400 Economic Analysis for Tech Systems or IT 45000 Production Cost Analysis (Prereq: Math/Stat Selective)	3				Technical Selective (30000- 40000 level)	3			
Technical Selective (30000- 40000 level)	3				Technical Selective (30000- 40000 level)	3			
Technical Selective (30000- 40000 level)	3				Free Elective	3			
Free Elective	3				Global/Intercultural Requirement	0			
Professional Selective	0								
TOTAL CREDIT HOURS	13				TOTAL CREDIT HOURS	12			

^{*}Fulfills University Core Requirement

- 1. 120 semester credits and a 2.0 Graduation GPA are required for the Bachelor of Science degree.
- 2. 2.0 Graduation GPA required for Bachelor of Science degree.
- 3. 32 credits of upper division courses (30000 level or higher) must be taken at the Purdue University location conferring the degree.
- 4. Courses at Purdue University may only be attempted a maximum of three (3) times, including W, WF, I, IF and all graded attempts.
- 5. Complete the Global/Intercultural Requirement (ungraded)
- Complete the Professional Requirement (ungraded)

Engineering Technology Concentration: Technology Integration Supplemental Information – Polytechnic Institute South Bend All prerequisites must be met

BOLD indicates courses offered at the South Bend location

*Indicates approved IUSB course for South Bend location

WRITTEN COMMUNICATION SELECTIVE +

*ENG-W 131 Reading, Writing, & Inquiry

ENGL 10600 First-Year Composition

ENGL 10800 Accelerated First Year Composition

SCLA 10100 Transformative Texts, Critical Thinking & Comm I:

Antiquity to Modernity

PROGRAMMING SELECTIVES

CNIT 10500 Introduction to C Programming

CNIT 17500 Visual Programming

CNIT 15501 Introduction to Software Development Concepts

MET 16400 Computing in Engineering Technology

ECET SELECTIVES

Select one two-course sequence from the table below.

ECET 22400 Electronic Systems	AND	ECET 30201 Introduction to Industrial Controls (P: ECET 17700 or ECET 22400)
ECET 22400 Electronic Systems	AND	ECET 38501 (formerly ECET 38500) Intro to Automotive Electronics (P: ECET 22400 or 22700)
ECET 22400 Electronic Systems	AND	ECET 27700 AC and Power Electronics (P: ECET 17700 or ECET 22400)
ECET 17700 DAQ & Systems Control (P: ENGT 18000 & 18100)	AND	ECET 17900 Intro to Digital Systems (P: ENGT 18000, ENGT 18100 & CNIT 10500)

COMPUTER-AIDED DESIGN SELECTIVES

CGT 22600 Introduction to Constraint-based Modeling

MET 10200 Production Design and Specifications

TECHNICAL / MANAGEMENT SELECTIVES

Any Management (MGMT) course at the 200-level or higher

TECH 32000 Technology and the Organization

TLI 15200 Business Principles in Org Leadership

TLI 23100 Project Management

TLI 21400 Intro to Supply Chain Systems

TLI 25300 Principles of Technology Strategy

TLI 25400 Leading Change in Technology Organizations

TLI 31400 Leading Innovation in Org

TLI 43530 Operations Plan & MGMT (P: Math/Stat selective)
TLI 41400 Financial Analysis for Tech (P: TLI 33400 or IT 45000 min

'C' or MGMT 20010 min 'C')

Approved Study Abroad

GLOBAL/PROFESSIONAL SELECTIVES

ECET 38001 Global/Professional Issues in Electrical Engineering Technology

TECH 33000 Technology and the Global Society

TLI 35600 Global Technology Leadership

Approved Study Abroad

ADVANCED ORAL COMMUNICATION SELECTIVE

COM 3200 Small Group Communications OR *SPCH-S 229

Discussion & Group Methods

COM 30300 Intercultural Communication OR COM 31400

Adv. Presentational Speaking

*SPCH-S380 Nonverbal Communication

*SPCH-S 427 Cross Cultural Communication

*SPCH-S 440 Organizational Communication

*SPCH-S 450 Gender & Communication

^{*}SPCH-S 223 Business & Professional Speaking

TECHNICAL SELECTIVES

At least 15 credit hours must be at the 30000 level or above and at least 6 credit hours must be in the same discipline.

CGT 32300 Virtual Product Integration (P: CGT 22600)

CGT 32600 Graphics Standards for Product Definition (P: CGT 22600)

ECET 30201 Introduction to Industrial Controls (P: ECET 17700 or ECET 22400) OR MET 28400

ECET 32100 Introduction to Nanotechnology (P: ECET 22700)

ECET 32700 Instrumentation and DAQ Design (P: Physics I and MA 16010)

ECET 38501 Intro to Automotive Electronics (P: ECET 27700 or ECET 22400) —Optional Lab ECET 38502 Intro to Automotive Electronics Lab

TLI 23500 Introduction to Lean and Sustainable Systems

TLI 31400 Leading Innovation in Organizations

TLI 31500 Innovative Product Development (P: TLI 11200) or TECH 22000 Design Technology For People

TLI 33520 Human Factors for Technology Systems

TLI 33400 Economic Factors for Technology Systems (P: MA 15800 or STAT 30100 or Math-K 310) or IT 45000 Prod Cost Analysis TLI 33610 Risk Analysis & Assessment or IT 38500 Industrial Ergonomics

TLI 33620 Total Production Maintenance (P: TLI 31600 or IT 34200 or STAT 301, & Physics I) or IT 38100 Total Productive Main

TLI 41400 Financial Analysis for Tech Systems (P:TLI 33400 or IT 45000 or MGMT 20010) or IT 43200 Financial Transaction Distrib

TLI 43530 Operations Planning and Management (P: MA 15800) or IT 44200 Production Planning

TLI 43540 Facilities Planning (P: MET 14300 or 14400, and TLI 43530) or IT 48300 Facilities Design Lean Manufacturing

TLI 43640 Lean Six Sigma (P:TLI 31600 or IT 34200) or IT 44600 Six Sigma Quality

TLI 45700 Technology Policy & Law

MET 30200 CAD in the Enterprise (P: MET 10200 and MET 24500)

MET 32000 Applied Thermodynamics (P: MET 22000 and MA 16010)

MET 38200 Controls & Instrumentation (P: MET 28400 and MA 16010)

MET 34600 Adv. Materials in Manufacturing (P: MET 24500, CHM 11100, and MET 21100)

MET 42100 Air Conditioning & Refrigeration (P: MET 32000 or MET 33000)

MET 43200 Hydraulic Motion Control (P: MET 23000 or MET 33000)

MET 43600 Pneumatic Motion Control (P: MET 23000 or MET 33000)

MET 45100 Manufacturing Quality Control (P: STAT 30100 or Math-K 310)

MFET 30000 Applications of Automation in Manufacturing (P: MET 24500 and ECET 22400)

MFET 34400 Automated Manufacturing Processes (P: MET 24500)

MFET 34800 Advanced Industrial Robotics (P: MFET 24800 and ECET 33700)

MFET 37400 Manufacturing Integration I (P: MET 28400)

HUMANITIES FOUNDATIONAL SELECTIVE

See approved UCC Humanities list at: http://www.purdue.edu/provost/initiatives/curriculum/course.html

Students attending the South Bend location can go to the following link to review how IU courses transfer to Purdue University to meet University Core Course Requirements:

http://www.purdue.edu/provost/initiatives/curriculum/documents/Retro%20and%20Transfer%20Credit%20Course%20list%205-27-14.pdf

*FINA-F 100 Fundamentals of Studio Drawing

*HIST-H 105 American History I

*HIST-H 106 American History II

*HIST-H 113 History of Western Civilization 1

*HIST-H 114 History of Western Civilization 2

*MUS-M 174 Music for the Listener

*PHIL-P 110 Introduction to Philosophy

*PHIL-P 140 Introduction to Ethics

HUMANITIES/LIBERAL ARTS ELECTIVES

Any course from the following disciplines: Anthropology, English, History, Philosophy, Political Science, Psychology, Religious Studies, Sociology, Theatre, Women's Studies, or Foreign Languages (except native language courses)

LAB SCIENCE SELECTIVES - See approved UCC Science list: http://www.purdue.edu/provost/initiatives/curriculum/course.html

PHYS 22100 General Physics BIOL 11000 Fundamentals of Biology I

BIOL 20300 Human Anatomy and Physiology

*PHYS-P 222-Physics II or PHYS-P 202 - General Physics II

CHM 11200 General Chemistry II *BIOL-L 100 - Humans & the Biological World

*CHEM-C 101 & 121 - Elementary Chemistry & Lab PHYS 21900 General Physics II

FREE ELECTIVES

Any non-remedial course from any discipline at the 20000 – 40000 level.

SENIOR PROJECT CAPSTONE SELECTIVES

Select one wo-course sequence from the table below.

Senior Capstone Project Selective I		Senior Capstone Project Selective II
ECET 43000 – Product/Project Management (Prerequisite: ECET 38001	And	ECET 46000 – Project Design & Development
& 9-12 cr. hrs. of coursework in technical focus area)		
MET 40100 – Capstone Projects I (Prerequisites: MET 10200, MET	And	MET40200 – Capstone Projects II
23000, MET 28400, MET 346000)		
MFET 48000 – Project Plan Integration (P: MFET 37400)		MFET 48100 Integration Manufacturing
		Systems (PL MFET 48000)
ECET 43000 – Product/Project Management (Prerequisite: ECET 38001	And	MET 40200 – Capstone Projects II
and 9-12 cr. hrs. of coursework in technical focus area)		
ENGT 40500 – Entrepreneurial Capstone I	And	ENGT 40600 – Entrepreneurial Capstone II (for
(for entrepreneurial minor senior students only)		entrepreneurial minor senior students only)
ECET 43100 – International Capstone Plan	And	ECET 46100 International Capstone Project
		Execution
TECH 39900 Special Topics in Technology III	And	TECH 49900 Special Topics in Technology IV

PROFESSIONAL REQUIREMENT – ALL students must complete

Completing the Professional Experience Requirement: All students must complete an acceptable professional experience. The SOET Professional Experience requirement is intended to document those experiences which help expose SOET students to the expectations of their profession prior to graduation. This may occur through industrial experience, technical or administrative involvement with community service, military service, or by other possible means. Approval is automatic for certain experiences, while additional experiences may also satisfy this graduation requirement with advisor or faculty approval (see below). Requests for faculty approval must be submitted to the SOET Curriculum Subcommittee Chair for consideration, allowing at least four academic weeks for review and response.

Potential Professional Experiences

Approval Process	Experience
Automatic	Any TECH Professional Practice course (co-op, intern, etc.)
Automatic	MET 29900 Internship for Credit
Automatic	Industry-sponsored Senior Capstone
Automatic	EPICS courses, minimum of 2
Automatic	Lab Assistant (satisfactory completion of a minimum of one lab division for one
	term; e.g., ECET 29900 or MET 39200)
Advisor	Any approved internship (assuming student and/or employer provide
	documentation)
Advisor	Military service (ROTC, reservist, active duty, veteran)
Faculty	Other undergraduate research experiences (e.g., employed in the AEL as lab
	technician)
Faculty	Independent study – by petition to ensure the project meets the spirit of the
	requirement
Faculty	Professional society/club activities (e.g., led the Solar Racing team) - by petition
Faculty	Any approved employment

Approval Key:

- Automatic student participation in this professional experience is already documented through existing means.
- Advisor advisor reviews student's experience to determine if it meets the spirit of the Professional Experience requirement.
- Faculty designated committee reviews student's experience to determine if it meets the spirit of the Professional Experience requirement.

INTERCULTURAL REQUIREMENT – ALL students must complete

	Polytechnic Minimum Global Requirements
STEP 1:	Complete the Pre-test Intercultural Development Inventory Assessments (1 st year)
STEP 2:	 Complete one (1) of the following global experiences:* Participate in a Purdue University international capstone, collaborative project, or Participate in an international internship (international location), or Participate in Faculty-led Study Abroad, or Participate in a full semester abroad program, or Complete 3 credit hours from the Polytechnic list of recommended Global/Cultural courses.
STEP 3	Complete the Post-test Intercultural Development Inventory Assessments (4 th year)
	NOTE FOR TRANSFER/CODO STUDENTS: Transfer and CODO students with less than 75 credit hours remaining to complete their Polytechnic Plan of Study are exempt from Steps 1 & 3 (taking the IDI Pre & Post-tests) but must complete one option from Step 2.
	*Global experiences must take place during the time of enrollment in the Polytechnic to complete Step 2. Experiences that have taken place prior to a student's initial enrollment will not serve to complete Step 2. Intercultural competencies gained on experiences prior to Polytechnic enrollment will be captured as baseline data on a student's IDI.

Purdue University (West Lafayette) courses that meet the global requirement

AAS 27100 Intro to African American Studies AAS 37300 Variable Title: History of Injustice

AGR 20100 Communication Across Cultures

ANSC 381 Leadership for a Diverse workplace

ANTH 203 Biological Bases of Human Social Behavior

ANTH 20500 Human cultural Diversity

ANTH 21000 Technology and Culture

ANTH 21200 Culture, Food and Health

ANTH 23000 Gender Across Cultures

ANTH 34000 Global Perspectives on Health

ANTH 341 Culture and Personality

ANTH 379 Native American Cultures

ARAB 28000 Arabic culture

ASAM 240Intro to Asian American Studies

ASAM 240 Intro to Asian American Studies

AT 23300 Ethics and Aviation

CNIT 320 Policy, Regulation, and Globalization in

information Technology

COM 224 Communicating in the Global Workplace

COM 30300 Intercultural Communication

COM 32000 Small Group Communication

COM 373 Self-Presentation & Social Image

COM 380 Sociolinguistic Study of African American English

COM 380 Sociolinguistic Study of African American English

COM 412 Theories of Human interaction

COM 423 Leadership, Communication & Organizations

ECET 29000 International Experience

ECET 38001 Global Professional Issues in ET

EDPS 235 Learning and Motivation

EDPS 30000 Student Leadership Development

EDPS 301 Peer Counselling Training

EDPS 31500 Collaborative Leadership: Listening

EDPS 31600 Collab Leadership: Cross-cultural Settings

EDPS 317 Collaborative Leadership: Mentoring

ENGL 41400 Literature & Culture

HDFS 233 Stress and Human Health

HDFS 280 Diversity in Individual and Family Life

HDFS 332 Stress & Coping in Contemporary Families

 ${\it HEBR~38500~The~Holocaust~in~Modern~Hebrew~Literature}$

HIST 195 Historical Research & Film!

HIST 30000 Eve of Destruction: Global Crises and World

Organization in the 20th Century

HIST 33805 History of Human Rights

HIST 35000 Science and Society in the 20th-Century World

Revised 05/10/2018 (effective fall 2018)

HIST 366 Hispanic Heritage of the USA HIST 377 History & Culture of Native America HIST 46900 Black Civil Rights Movement

HIST 479 American Representations of Middle East & N. Africa HIST 499 History of Sexual Regulation in the United States HTM 370 Sustainable Tourism and Responsible Travel

HTM 37200 Global Tourism Geography MSL 201 Individual Leadership Studies OLS 350 Creativity In Business & Industry

PHIL 11400 Global Moral Issues PHIL 435 Philosophy of Mind

POL 222 Women, Politics & Public Policy POL 23500 Rich and Poor Nations

POL 326 Black Political Participation in America

POL 32700 Global Green Politics POL 36000 Women and the Law POL 413 The Human Basis of Politics

POL 42300International Environmental Policy

Any foreign language 200 or higher (201, 202, 301, 302, 401, 402) Any Purdue approved SA that includes reflective learning assignments

POL 42900 Variable Title: It's a Complex World (Cross

listed with IE49000, ME29700)
POL 43300 International Organization
PSY 120 Elementary Psychology
PSY 250 Psychology of Adjustment
PSY 251 Health Psychology
PSY 285 Consumer Behavior

PSY 285 Consumer Behavior PSY 322 Research Design PSY 333 Motivation

SOC 10000 Intro to Sociology SOC 310 Racial and Ethnic Diversity

SOC 33900 Intro to Sociology of Developing Nations TECH 330 Technology and the Global Society TLI 11200 Foundations of Tech Leadership TLI 31400 Leading Innovation in Organizations

WGSS 282 Intro to LGBT Studies

WGSS 38000 Gender and Multiculturalism

WGSS 38300 Women and Work

Polytechnic Statewide- South Bend (IUSB) Approved Courses

South Bend- Offered through IUSB

ANTH-E Indians of Indiana ANTH-E 105 Culture & Society

ANTH-E 300 Culture Areas & Ethnic Groups ANTH-E 310 Introduction to Cultures of Africa

ANTH-E 321 Peoples of Mexico

ANTH-E 335 Ancient Civilization of Mesoamerica ANTH-E 397 Peoples & Cultures of the Middle East

EALC-J 101 Elementary Japanese I

GEOG-110 Introduction to Human Geography

GEOG-G 120 Regions of the World GEOG-G 201 World Regional Geography HIST-A 371 History of Indiana I

HIST-A 371 History of Indiana I HIST-A 372 History of Indiana II HIST-A 301 Colonial America

HIST-A 373 American History Through Film HIST-A 355 African American History I

HIST-B 300 Issues in Western European History HIST-B 378 History of Germany Since 1648 II

HIST-C 386 Greek History from the Minoans to Alexander HIST-D 310 Russian Revolution and Soviet Regime HIST-F 300 Issues in Latin American History

HIST-A 352 History of Latinos in the United States

HIST-G 358 Early Modern Japan

HIST-H 101 The World in the Twentieth Century I

HIST-H 201 History of Russia I HIST-H 202 History of Russia II

HIST-H 207 Modern East Asian Civilization

HIST-H 211 Latin American Culture and Civilization 1
HIST-H 212 Latin American Culture and Civilization 2

HIST-W 300 Issues in World History

LSTU-L 330 Global Comparisons: Labor Relations – Examples

from Three Continents

LSTU-L 331 Global Problems: Local Solutions LSTU-L 385 Class, Race Gender, and Work PHIL-P 102 Critical Thinking and Applied Ethics

PHIL-P 105 Critical Thinking
PHIL-P 140 Introduction to Ethics

POLS-Y 107 Introduction to Comparative Politics POLS-Y 109 Introduction to International Relations POLS-Y 343 The Politics of International Development

PSY-P 103 Introduction to Psychology PSY-P 327 The Psychology of Motivation PSY-P 391 Psychology of Gender and Ethnicity

REL-R 152 Jews, Christians, Muslims

REL-R 153 Religions of Asia SOC-S 163 Social Problems REL-R 257 Introduction to Islam

REL-R 354 Buddhism

SOC-S 161 Principles of Sociology SOC-S 335 Race and Ethnic Relations SPAN-S 101 Elementary Spanish I

SPCH-B 399 Human Behavior and Social Institutions

SPCH-S 324 Persuasive Speaking

SPCH-S 427 Cross Cultural Communication