

PART I: CUSP CHECKSHEET
College of Engineering
Department of Engineering Education
Minor in Innovation
For students graduating in calendar year 2019

<u>I - Required Courses (12 Credit Hours)</u>	<u>Credits</u>
*STS 2254 Innovation in Context (Core Outcome: Critical Thinking in the Humanities, Integrated Outcomes: Ethical Reasoning, Intercultural and Global Awareness)	3 _____
*ENGE 2094 Create! Ideation for Innovation (Core Outcome: Design; Integrated Outcome: Intercultural and Global Awareness)	3 _____
*MGT/ENGE/IDS 4094 Startup: Commercialization of Innovation (Core Outcome: Social Science; Integrated Outcome: Ethical Reasoning)	3 _____
Section I - Total # of Credits	9

*Courses indicated with an asterisk are Pathways General Education Courses. If completing this minor to satisfy Pathways General Education requirements, please reference the core and/or integrated outcome(s) satisfied by the course during the selection of courses for the completion of this minor.

Pathways Core Outcomes 1f = Foundational Discourse, 1a = Advanced/Applied Discourse, 2 = Critical Thinking in the Humanities, 3 = Reasoning in the Social Sciences, 4 = Reasoning in the Natural Sciences, 5f = Foundational Quantitative and Computational Thinking, 5a = Advanced/Applied Quantitative and Computational Thinking, 6d = Critique and Practice in Design, 6a = Critique and Practice in the Arts, 6ad = Critique and Practice in Design and the Arts, 7 = Critical Analysis of Equity and Identity in the United States
Pathways Integrative Learning Outcomes: 10 = Ethical Reasoning 11 = Intercultural and Global Awareness

<u>II - Electives (minimum of 6 Credit Hours)</u>	<u>Credits</u>
*ACIS 1004 Accounting Foundations (Core Outcome: 5f, Integrative Outcome: 10)	3 _____
*AHRM 1014 Introduction to Design for Consumers (Core Outcome: 6d, Integrative Outcome: 11)	3 _____
*AHRM 2014 Design for Consumers Studio (Pre: 1014) (Core Outcome: 6d, Integrative Outcome: 11)	3 _____
*COMM 2004 Public Speaking (Core Outcome: 1a, Integrative Outcome: 10)	3 _____

ENGE 1644 Global STEM Practice (Pre: 1215) (Core Outcome: 3, Integrative Outcome: 11)	3	_____
*ENGL 1654 Introduction to Science Fiction and Fantasy (Core Outcome: 2, Integrative Outcome: 11)	3	_____
ENGL 3774 Business Writing (Pre: Junior Standing)	3	_____
ENGL 3814 Creating User Documentation (Pre: 1106 or 1204H or COMM 1016)	3	_____
ENGL 3824 Designing Documents for Print (Pre: 1106 or 1204H or COMM 1016)	3	_____
ENGL 3834 Intercultural Issues in Professional Writing (Pre: 1106 or 1204H or COMM 1016)	3	_____
ENGL 3844 Writing and Digital Media (Pre: ENGL 1106 or 1204H or COMM 1016)	3	_____
ENGL 4804 Grant Proposals and Reports (Pre: 1106 or 1204H or COMM 1016)	3	_____
ENGL 4814 Developing Online Content (Pre: 1106 or 1204H or COMM 1016)	3	_____
ENGL 4824 Science Writing (Pre: 1106 or 1204H or COMM 1016, Senior Standing)	3	_____
*HIST 2715, 2716 History of Technology (cross-listed with STS 2715, 2716) (Core Outcome: 3, Integrative Outcome: 11)	3	_____
ISE 4004 Theory of Organization	3	_____
ISE 4015 Management Systems Theory, Applications, and Design	3	_____
ISE 4304 Global Issues in Industrial Management	3	_____
*RED 4664 Universal Design (Core Outcome: 6d, Integrative Outcome: 11)	3	_____
STS 2154 Humanities, Technology and the Life Sciences	3	_____
STS 2354 Humanities, Technology and the Physical Sciences	3	_____
*STS 3284 Technology and Disability (Core Outcomes: 2,6d, Integrative Outcome: 10)	3	_____
*STS 3334 Energy and Society (Core Outcomes: 2,3, Integrative Outcome: 11)	3	_____

Section II – Total # of Credits 9 _____

Minor Total # of Credits 18 _____

NOTES:

Minimum GPA: A minimum minor GPA of 2.0 in each course taken to fulfill the minor is required.

Prerequisite Statement: Some courses listed on this checksheet have prerequisites, please consult the University Course Catalog, or check with your advisor.