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Academic Transcript of: 08-Jan-2022 Page 1 DATE ISSUED University of Waterloo Waterloo **End of Transcript BEGINNING OF GRADUATE RECORD** MHP Fall 2021 Rackham Grade Hours MSH **EECS** 12.00 455 4.00 4.00 4.00 Wireless Comm Sys Prob&Random Proc 4.00 4.00 16.00 **EECS** 501 4.00 **EECS** 4.00 14.80 551 Matrix Meth Sig Proc 4.00 4.00 **EECS** 1.00 598 Special Topics 0.00 1.00 0.00 Skills for Success in Graduate Studies 13.00 12.00 **Term Total** 13.00 42.80 Rackham 12.00 13.00 **Cumulative Tota** 42.80 **MHP** Winter 2022 Hours MSH Elections as of: 08-Jan-2022 0.00 0.00 **AEROSP** 585 1.00 0.00 598 0.00 0.00 0.00 **EECS** Special Topics 598 Academia! 0.00 0.00 506 Programming I 3.00 0.00 SI 664 0.00 0.00 0.00 11.00

TRANSCRIPT GUIDE

DEFINITION OF AN OFFICIAL TRANSCRIPT

An Official Transcript is one that has been received directly from the issuing institution. It must bear the University seal, date and signature of the registrar. Transcripts received that do not meet these requirements should not be considered official and should be routinely rejected for any permanent use. This definition of an official transcript has been endorsed by the Michigan Association of Collegiate Registrars and Admissions Officers.

ACCREDITATION

The three campuses of the University of Michigan are accredited by the North Central Association of Colleges and Schools - Higher Learning Commission. Many of the departments and programs within the University are also accredited by various agencies. Detailed information about these agencies and the accreditation process is available from the Dean's office of each academic unit.

CALENDAR

The University of Michigan operates under the trimester calendar. A unit of credit is a semester hour.

ELIGIBILITY FOR ENROLLMENT

Unless otherwise indicated, a student is eligible to enroll.

EXPLANATION OF COLUMN HEADINGS

HRS = Elected Hours/Units; MSH = GPA Semester Hours; CTP = Credit Toward Program; MHP = GPA Honor Points.

ABBREVIATIONS FOR CREDIT CONDITIONS

AGC = Approved for Graduate Credit; CBE = Credit by Exam; DCO = Degree Credit Only; NDC = Not for Undergraduate degree credit; NFC = Not for Credit;

NGD = Not for Graduate Degree Credit; REP = Repetition.

STUDY ABROAD

Study abroad credit is considered upper level unless otherwise noted.

LETTER GRADES

9.0 GRADING SCALE (A+ through B = Pass unless otherwise noted)

A + = 9.0; A = 8.0; A - = 7.0; B + = 6.0; B = 5.0; B - = 4.0; C + = 3.0; C = 2.0; C - = 1.0; D + = 0.0; D = 0.0; D - = 0.0;

4.4 GRADING SCALE

A + = 4.4; A = 4.0; A - = 3.7; B + = 3.4; B = 3.0; B - = 2.7; C + = 2.4; C = 2.0; C - = 1.7; D + = 1.4; D = 1.0; D - = 0.7; E = 0.0.

4.3 GRADING SCALE

A + = 4.3; A = 4.0; A - = 3.7; B + = 3.3; B = 3.0; B - = 2.7; C + = 2.3; C = 2.0; C - = 1.7; D + = 1.3; D = 1.0; D - = 0.7; E = 0.0.

4.0 GRADING SCALE

A + = 4.0; A = 4.0; A - = 3.7; B + = 3.3; B = 3.0; B - = 2.7; C + = 2.3; C = 2.0; C - = 1.7; D + = 1.3; D = 1.0; D - = 0.7; E = 0.0.

ADDITIONAL GRADES

EX = EXCELLENT; GD = GOOD; PS = PASS; LP = LOW PASS; F = FAIL (EX, GD, PS and LP = Pass)

CR = Credit; NC = No credit; S = Satisfactory; U = Unsatisfactory; P = Pass; F = Fail

I = Incomplete (I OR IL followed by a letter grade indicates an initial incomplete that has been given a final grade.); NR = No grade reported;

= Grade not submitted; ED = Unofficial drop; VI = Audit or Visit; W = Withdrew from course; Y = Extended multi-term class

M = Marginal; IPL = Incomplete Permanent Lapse; NRC = No Record COVID, a non-passing grade used to address a global pandemic

COMPUTATIONS FOR TERM OR CUMULATIVE GPA: Term GPA = Term MHP/Term MSH; Cumulative GPA = Cumulative MHP/Cumulative MSH; Example: 42.0 MHP/12.0 MSH = 3.5 GPA.